

## XTRAVELSYSTEM WEB SERVICE. CLIENT SPECIFICATION

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## Appendix A. Contact list

XTS technical support team: [support@xtravelsystem.com](mailto:support@xtravelsystem.com)

## Appendix B. Glossary

XTS:	XtravelSystem, system name.
ws:	Web Service (standart SOAP encapsulated ws)
Service:	Services offered by XTS: hotel, car, transfer, excursion. Also one of the services included in a Basket.
Hotel:	Establishment.
Customer:	XTS client, an agency.
Passenger:	Final user of the services booked. Usually a customer of an XTS user.

## Appendix C. Data Samples

Data lists of information to be mapped directly into XTS customers systems.

Note that this data has been downloaded on March 2006.

To get updated data, download them from <http://doc.xtravelsystem.com> or use our ws.

### Board Basis List

ID	CODE	DESCRIPTION
1	BB	BED & BREAKFAST
2	HB	HALF BOARD
3	FB	FULL BOARD
4	AI	ALL INCLUSIVE
5	SC	SELF CATERING / ROOM ONLY
6	RO	ROOM ONLY

### Category List and Category Groups

ID	CODE	CATEGORY GROUP CODE	DESCRIPTION
1	1	1	*
2	2	4	**
3	3	3	***
4	4	2	****
5	5	5	****S
6	6	5	*****

7	7	5	****L
8	8	5	****GL
9	9	1	1 KEY
10	10	3	2 KEYS
11	11	2	3 KEYS
12	12	2	***S
18	18	3	***+
26	UD	6	UNDEFINED

### Roomtypes and occupancy list

ID	CODE	DESCRIPTION	MAXPAX	MINPAXES	MINADULT	MINCHILDREN
1	DBL	DOUBLE	2	1	2	0
2	TWN	TWIN	2	1	2	0
3	SGL	SINGLE	1	1	1	0
4	DUS	DOUBLE SINGLE USE	1	1	1	0
5	TBL	TRIPLE	3	3	3	0
6	TRC	TRIPLE ( 2AD + 1CHD )	3	3	2	1
7	QBL	QUADRUPLE	4	4	4	0
8	DBS	DOUBLE SUPERIOR	2	1	2	0
9	TWS	TWIN SUPERIOR	2	1	2	0
10	DSV	DOUBLE/TWIN SEA VIEW	2	1	2	0
11	SVS	DOUBLE/TWIN LATERAL SEA VIEW	2	1	2	0
12	JST	JUNIOR SUITE	2	1	2	0
13	SUI	SUITE	2	1	2	0
14	AP1	1 BEDROOM APT 2/4 PAX	4	1	1	0
15	AP2	2 BEDROOM APT 4/5 PAX	5	2	1	0
16	AP3	3 BEDROOM APT 6/7 PAX	7	2	1	0
17	ST1	STUDIO 1/2 PAX	2	1	1	0
18	ST2	STUDIO (3 PAX)	3	1	1	0
19	QB1	QUADRUPLE ( 3AD + 1CHD )	4	4	3	1
20	QB2	QUADRUPLE ( 2AD + 2CHD )	4	4	2	2
21	AP4	1 BEDROOM APT 2/3 PAX	3	2	1	0
22	STC	STUDIO 3 PAX (2AD+1CHD)	3	3	2	1
23	SST	SUPERIOR SUITE	2	2	2	0
24	AP5	2 BEDROOM APT 2/4 PAX	4	2	1	0
25	AP6	1 BEDROOM APT 1/2 PAX	2	1	1	0
26	AP7	2 BEDROOM APT 4/6 PAX	6	2	1	0
27	TR1	TRIPLE(2 DOUBLE BEDS)(2AD+1CHD)	3	2	2	1
28	TR2	TRIPLE(2 DOUBLE BEDS)(3AD)	3	3	3	0
29	QB3	QUADRUPLE(2 DOUBLE BEDS)(4AD)	4	4	4	0
30	QB4	QUADRUPLE(2 DOUBLE BEDS)(3AD+1CHD)	4	4	3	1
31	QB5	QUADRUPLE(2 DOUBLE BEDS)(2AD+2CH)	4	4	2	2
32	A4	1 BEDROOM APT (4 PAX ADULTS)	4	4	4	0
33	A3	1 BEDROOM APT (3 PAX ADULTS)	3	3	3	0
34	A3C	1 BEDROOM APT (2 ADULTS + 1 CHILD)	3	3	2	1
35	A4C	1 BEDROOM APT (2 AD + 2 CHD)	4	4	2	2
36	A4L	1 BEDROOM APT (3 ADULTS + 1 CHILD)	4	4	3	1
37	JSC	JUNIOR SUITE TRIPLE (2 ADULTS + 1 C	3	3	2	1
38	JSL	JUNIOR SUITE TRIPLE (3 ADULTS)	3	3	3	0
39	JS2	JUNIOR SUITE QUADRUPLE (2 ADULTS +	4	4	2	2
40	M12	1 BEDROOM MAISONETTE FOR 2 PAX	2	2	1	0
41	M13	1 BEDROOM MAISONETTE FOR 3 PAX	3	3	1	0
42	M22	2 BEDROOM MAISONETTE FOR 2 PAX	2	2	1	0
43	M23	2 BEDROOM MAISONETTE FOR 3 PAX	3	3	1	0
44	M24	2 BEDROOM MAISONETTE FOR 4 PAX	4	4	1	0
45	M25	2 BEDROOM MAISONETTE FOR 5 PAX	5	5	1	0
46	ST3	STUDIO (4 PAX)	4	4	1	0
47	VL2	2 BEDROOM VILLA (5 PAX)	5	5	1	0
48	VL3	3 BEDROOM VILLA (6 PAX)	6	6	1	0
49	SGS	SINGLE SUPERIOR	1	1	1	0
50	STR	SUITE TRIPLE	3	3	3	0
51	A3P	1 BEDROOM APARTMENT (3 PAX)	3	3	1	0
52	A1P	1 BEDROOM APARTMENT (1 ADULT)	1	1	1	0
53	ST0	STUDIO 1 PAX	1	1	1	0

ID	CODE	DESCRIPTION	MAXPAX	MINPAXES	MINADULT	MINCHILDREN
54	Q5	QUINTUPLE	5	5	5	0
55	TPS	TRIPLE SUPERIOR	3	3	3	0
56	DL1	DELUXE SINGLE	1	1	1	0
57	DL2	DELUXE DOUBLE	2	1	2	0
58	DL3	DELUXE TRIPLE	3	3	3	0
59	DP2	DUPLEX DOUBLE	2	2	2	0
60	DP3	DUPLEX TRIPLE	3	3	3	0
61	A2A	2 BEDROOM APARTMENT (4 ADULTS)	4	4	4	0
		2 BEDROOM APARTMENT (3 ADULTS + 2				
62	A2B	CHILDRE	5	5	3	2
63	DAC	DOUBLE ( 1AD+ 1CH )	2	2	1	1
64	SU1	SUITE INDIVIDUAL (1PAX)	1	1	1	0
65	1AP	1 BEDROOM APARTMENT (2 PAX)	2	1	1	0
66	2ST	STUDIO (2 PAX)	2	1	1	0
67	A2C	1 BEDROOM APT ( 2 ADULT + 3 CHILD)	5	5	2	3
68	A4P	1 BEDROOM APARTMENT (4PAX)	4	4	1	0
69	A6P	3 BEDROOM APARTMENT (6PAX)	6	6	1	0
70	A5P	1 BEDROOM APARTMENT (5 PAX)	5	5	1	0
71	M14	1 BEDROOM MAISONETTE FOR4 PAX	4	4	1	0
72	V2	VILLA (2 PAX)	2	2	1	0
73	V3	VILLA (3 PAX)	3	3	1	0
74	V4	VILLA (4 PAX)	4	4	1	0
75	STD	STUDIO 2/3 PAX	3	2	1	0
76	STN	STUDIO 4 PAX (2AD + 2CH)	4	4	2	2
77	SGV	SINGLE GARDEN VIEW	1	1	1	0
78	DGV	DOBLE/TWIN GARDEN VIEW	2	1	1	0
79	TGV	TRIPLE GARDEN VIEW (3AD)	3	3	3	0
80	TGC	TRIPLE GARDEN VIEW (2AD + 1CH)	3	3	2	1
81	SSV	SINGLE SEA VIEW	1	1	1	0
82	TSC	TRIPLE SEA CHILD (2AD + 1 CH)	3	3	2	1
83	TSV	TRIPLE SEA VIEW (3AD)	3	3	3	0
84	STS	STUDIO SEA VIEW (2/3 PAX)	3	2	2	0
85	V56	VILLA 5/6 PAX	6	5	1	0
86	TNT	BEREBERE TENT ( 8 PAX )	8	8	1	0
87	TAC	TRIPLE (1 AD + 2 CHD)	3	3	1	2
88	2A5	2 BEDROOM APARTMENT (5 PAX)	5	5	1	0
89	SQD	SUITE QUADRUPLE	4	4	4	0
90	2BE	2 BEDROOM APARTMENT (2AD+2CHD)	4	4	2	2
91	JSS	JUNIOR SUITE SINGLE	1	1	1	0
92	JDC	JUNIOR SUITE (1AD+ 1CH)	2	2	1	1
94	1A6	1 BEDROOM APARTMENT (5AD + 1 CH)	6	6	5	1
96	SMV	SUITE MOUNTAIN VIEW	2	1	2	0
98	SVM	SUITE SEA VIEW	2	1	1	0
100	SDC	SENIOR SUITE (MAX. 4 PAX)	4	4	1	0
102	SEM	EMBASSADOR SUITE	6	6	6	0
104	RSU	ROYAL SUITE	8	8	8	0
106	RSV	DOUBLE/TWIN RIVER VIEW	2	1	1	0
108	COM	COMFORT	2	1	1	0
110	V8	VILLA (8 PAX)	8	8	1	0
112	SUC	SUITE ( 2 AD + 1 CH )	3	3	2	1
114	SU4	SUITE ( 2AD + 2CH )	4	4	2	2
116	DTB	DOUBLE / TWIN WITH BALCONY	2	1	1	0
118	BSB	DOUBLE / TWIN WITHOUT BALCONY	2	1	1	0
120	TSS	TWIN SIDE SEA VIEW	2	1	1	0
122	DSS	DOUBLE SIDE SEA VIEW	2	1	1	0
125	DSU	DOUBLE SINGLE USE - SIDE SEA VIEW	1	1	1	0
129	JSP	JUNIOR SUITE (POOL VIEW)	2	2	2	0
131	JRC	JUNIOR SUITE (POOL VIEW) 2AD+1CHD	3	3	2	1
133	JRA	JUNIOR SUITE (POOL VIEW) 3AD	3	3	3	0
135	JRS	JUNIOR SUITE (POOL VIEW) 1AD	1	1	1	0
139	6TP	SIXTUPLE	6	6	6	0
141	JGV	JUNIOR SUITE GARDEN VIEW (2AD)	2	2	2	0
143	JGS	JUNIOR SUITE GARDEN VIEW (1AD)	1	1	1	0
145	JGT	JUNIOR SUITE GARDEN VIEW (3AD)	3	3	3	0
147	JGC	JUNIOR SUITE GARDEN VIEW (2AD+1CH)	3	3	2	1
148	DPV	DOUBLE/TWIN POOL VIEW	2	2	2	0
149	AP8	2 BEDROOM APT (4AD+2CHD)	6	6	4	2
150	FS1	FAMILY SUITE (2AD+3CHD)	5	5	2	3

ID	CODE	DESCRIPTION	MAXPAX	MINPAXES	MINADULT	MINCHILDREN
151	A41	1 BEDDROOM APARTMENT(4 PAX) SEA VIEW	4	1	1	0
152	A62	2 BEDDROOM APARTMENT(6 PAX) SEA VIEW	6	1	1	0
153	AA1	2 BEDDROOM APARTMENT(3 AD + 1 CHD)	4	4	3	1
157	AA2	2 BEDROOM APARTMENT 2/3 PAX	3	2	2	0
158	AA3	3 BEDROOM APARTMENT(4 AD + 1 CHD)	5	5	4	1
159	AA4	3 BEDROOM APARTMENT 3/4 PAX	4	3	3	0
160	T01	TRIPLE WITH BALCONY (2AD + 1CHD)	3	3	2	1
161	T02	TRIPLE SUPERIOR (2AD + 1CHD)	3	3	2	1

## Appendix D. Geographical Structures.

XTS Geographical Structures. Schema and availability searches logic.

To further document XTS geographical structures, the following table specifies the way the availability searches are performed depending on which one is chosen (by airport, area, city or id). See picture below with a simplified version of our data structure to fully understand the way the searches work.

*Some general info on XTS geographical structure.*

XTS works with several geographical structures:

Administrative Structure: holds **Countries**, **States** and **Cities**. Used only as informative data for information such as establishment addresses.

Operational Structure: it is the structure used in the availability queries: the most important for a XTS client. It holds geographical **Areas** and **Cities**. **Areas** have a multilevel structure:

Level 1: generally holds countries. Note that, for instance: **Country** Spain is not the same as **Area** Spain.

Level 2: “big” **Areas** with a large hotel number. For instance: Mallorca

Level 3: sub **Areas** like Magalluf. In this example, Mallorca is father of Magalluf and Spain (as an **Area**) is father of Mallorca. All **Cities** are directly related to one or more Level 3 **Areas**. All availability queries by area should be made using Level 2 and 3 **Areas**, be aware that if you use Level 3 **Areas**, response will be generally shorter in time and size.

Level 4 and successive levels: presently not used.

Airport Structure: It holds **Airports**, geographical **Zones** and **Cities**. It is also possible to query availability through this structure. **Not yet operational**.

Note that:

**Cities** is the item that links all structures.

**Hotels** are directly linked to cities (each **Hotel** to one **City**)

See Appendix D for more info on geographic structures.

*Availability searches logic. Geographical structures schema*

See <http://doc.xtravelsystem.com/downloads.jsp> for last documentation version: GRAF\_XTS\_geo\_yyyymmdd.pdf.

*Geographical area + cities structure file*

Available as a ftp download. Ask for credentials at our support team.

File documentation:

**areacityhotelcount.csv description**

<b>AREAID</b>	The same as areaCode. To be used as areaCode in availableHotelsByArea query
<b>AREANAME</b>	Name of the area
<b>PARENTAREAID</b>	The areaCode of the parent area a NULL value means this area is a level 1 area.
<b>CITYID</b>	The same as cityCode. To be used as cityCode in availableHotelsByArea query a NULL value means this area is a level1 or level2 area.
<b>CITYNAME</b>	Name of the city
<b>HOTELCOUNT</b>	number of hotels in this city a NULL value when city is also NULL

File Examples:

AREAID	AREANAME	PARENTAREAID	CITYID	CITYNAME	HOTELCOUNT
384	SPAIN	NULL	NULL	NULL	NULL

area 384 (SPAIN) is a level1 area, so it has no parent nor cities

AREAID	AREANAME	PARENTAREAID	CITYID	CITYNAME	HOTELCOUNT
8	MALLORCA	384	NULL	NULL	NULL

area 8 (MALLORCA) is a level2 area, no cities are directly related to it  
area 384 (SPAIN) is MALLORCA's parent area

AREAID	AREANAME	PARENTAREAID	CITYID	CITYNAME	HOTELCOUNT
424	PAGUERA - MALL	8	29	PAGUERA - MALL	23

area 424 (PAGUERA - MALLORCA) is a level3 area and has area 8 (MALLORCA) as parent  
city 29 (PAGUERA - MALLORCA) is related to area 424 and holds 23 hotels  
Note that many cities and level3 areas hold the same name; but this is not required.

File Sample: Download the complete file from <http://doc.xtravelsystem.com> :

AREAID	AREANAME	PARENTAREAID	CITYID	CITYNAME	HOTELCOUNT
...					
394	HUNGARY	null	null	null	null
395	TURKEY	null	null	null	null
396	SLOVAKIA	null	null	null	null
397	MALAGA	2300	1	MALAGA	23
398	BENALMADENA MALAGA	- 1	2	BENALMADENA MALAGA	- 44
399	TORREMOLINOS MALAGA	- 1	3	TORREMOLINOS MALAGA	- 64
400	FUENGIROLA - MALAGA	1	4	FUENGIROLA - MALAGA	22
401	MIJAS COSTA - MALAGA	1	5	MIJAS COSTA - MALAGA	7
402	MARBELLA - MALAGA	1	6	MARBELLA - MALAGA	44
403	SAN PEDRO ALCANTARA - MALAGA	1	7	SAN PEDRO ALCANTARA - MALAGA	10
404	ESTEPONA - MALAGA	1	8	ESTEPONA - MALAGA	12
...					

## Appendix E. Cache Files.

XTS Cache files. To be sent regularly via ftp to our customers

It may prove very useful for an XTS client to load XTS data directly onto its local system. Many processes can be accelerated if no online requests are made and your system can respond directly to requests.

These files are sent only if a XTS client requests them. We can send them to the customer's ftp or to an XTS ftp account. We have several files available:

### *Cache File: availability and prices*

This file can be generated daily and holds all hotel contract information including prices, availability and all information required to perform availability searches locally. Our customers (should they choose to use this file) will be able to load this data onto their system so that any availability query can be responded locally. Obviously, bookings and cancellations must be done online.

This xml file is generated daily and it is about 40 to 80 MB xml in size (uncompressed).

Be aware that file data can become outdated even during 24h periods. Prices, product and stock (both more or less favourable than those present on the file) can be updated online at any given moment. In case of conflict, valid prices and stock will be those present on the live system. There is clearly a commercial risk here that must be discussed at commercial level.

See <http://doc.xtravelsystem.com/downloads.jsp> for last documentation version: MAN\_cache\_vxx.xml file.

### *Hotel list File: Hotel data*

This file holds all information available for all hotels our customers can access. This is the same data that can be found in the search `getEstablishmentData`. Only establishments with active contracts will be sent.

This xml and xls file is sent weekly.

Also in this case commercial risk must be assumed. Files are updated weekly, changes may occur during the week, if that is the case, the content on the live system will be considered the correct content.

#### File Sample v2.0

Xml Sample for one hotel. File may hold several thousand hotels. Also a xls version is available.

```
<?xml version='1.0' encoding='ISO-8859-15' ?>
<hotels>
<Establishment>
  <id>2961</id>
  <name> BUNGALOWS BAHIA MELONERAS</name>
  <categoryCode>10</categoryCode>
  <categoryName>2 KEYS</categoryName>
  <shortDescription>BUNG. BAHIA MELONERAS</shortDescription>
  <longDescription>THIS BEAUTIFUL BUNGALOW RESORT IS SITUATED IN THE MELONERAS AREA.CLOSE TO THE
STONY BEACH OF MELONERAS AND 800 METRES FROM THE DUNES OF MASPALOMAS. THE DUPLEX BUNGALOWS HAVE 2
ROOMS AND A BATHROOM UPSTAIRS AND LIVING ROOM, KITCHEN (VERY WELL EQUIPPED) DOWNSTAIRS, WITH A
SMALL GARDEN WITH FURNITURE.THE BUNGALOWS HAVE AIR-CONDITIONING, TV, TELEPHONE, RADIO. SAFE
(CHARGED).THE RESORT HAS A RECEPTION (24 HOURS) SWIMMING POOL AND A POOL FOR CHILDREN. RESTAURANT.AT
200 METRES FROM THE SHOPPING CENTRE OF MELONERAS AND 500 METRES FROM THE VARADERO SHOPPING CENTRE
.</longDescription>
  <typeCode>1</typeCode>
  <typeName>Generico</typeName>
  <Address>
    <address>C/ MAR CASPIO S/N</address>
```



```

<airports/>
<cityCode>151</cityCode>
<cityName>MELONERAS-GRAN CANARIA</cityName>
<countryCode>ES</countryCode>
<countryName>SPAIN</countryName>
<email/>
<fax>+34928143534</fax>
<name> BUNGALOWS BAHIA MELONERAS</name>
<stateCode>282</stateCode>
<stateName>LAS PALMAS DE GRAN CANARIA</stateName>
<telephone>+34928721010</telephone>
<zipCode>35100</zipCode>
<zoneCode/>
<zoneName/>
</Address>
<name>APPROX 35 KM</name>
<Property_Distance_to_the_airport>
</Property_Distance_to_the_airport>
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</Property_Distance_to_the_beach>
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<Property_Microwave>
<name>YES</name>
</Property_Microwave>
<Property_Terrace>
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</Property_Terrace>
<Property_Safety_Box>

```

```

<name>YES</name>
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    <Property_Toaster>
<name>YES</name>
    </Property_Toaster>
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        <uri>http://217.75.252.196/slide/files/public/hotel2961/images/2961view.jpg</uri>
        <source>not available</source>
    </Image_1>
    <Image_2>
        <date>05/11/2005</date>
        <uri>http://217.75.252.196/slide/files/public/hotel2961/images/2961pool.jpg</uri>
        <source>not available</source>
    </Image_2>
    <Image_3>
        <date>05/11/2005</date>
        <uri>http://217.75.252.196/slide/files/public/hotel2961/images/2961apt.jpg</uri>
        <source>not available</source>
    </Image_3>
    <comments/>
</Establishment>
.
.
.
</hotels>

```

### *Geographical area + cities structure file.*

This is the same file that can be found in Appendix D. The only difference is that we are sending it weekly via ftp in xml format and in csv format.

See Appendix D for more information.

## **Appendix F. RentACar.**

Useful Data for rent a car service

Car Category coding:

Class	Type	Transmission	Air Cond.
M Mini	B 2 - Door	A Automatic	R Air Conditioning
E Economy	D 4 - Door	M Manual	N No Air Conditioning
C Compact	C 2/4 - Door		
I Intermediate	W Wagon/Estate		
S Standard	V Van		
F Full-Size	L Limousine		
P Premium	S Sport		
L Luxury	T Convertible		
X Special Cars	F 4-Wheel Drive		
	P Pick-up		
	J All -Terrain		
	X Special		

For instance: ECMR

## Appendix G. Date and time formats.

Date and time formats.

- Checkin and checkout date format in requests and responses:

[YYYY-MM-DDThh:mm:ssZ] as described in ISO 8601, Z denotes Zulu time.

- Rental stations open hours:

[hhmm] 24 hours format referring station country **local** time zone.

## Appendix H. hotelBookingHandlerService Deprecated services.

This section contains the specifications of deprecated methods.

*Method: ~~getBasket~~ - Deprecated*

Method description : Returns details for all services included in a basket

*Method: ~~getEstablishmentData~~ - Deprecated*

Method description : Returns all establishment (hotel) data: hotel data sheet.

*Method: ~~availableHotelsByAreaExtends~~ – Deprecated*

Method description : returns availability and price of hotels located inside a geographic area. Note that all methods availableByXXX have similar requests and the same respond objects.

*Method: ~~availableHotelsByArea~~ – Deprecated.*

Method description : returns availability and price of hotels located inside a geographic area.

NOTE: Hotel erratas are temporary hotel modifications or important coments to be presented to final customer before booking is made (for instance: “pool not open”, “collecting apt. keys time: from 9:00 to 12:00”, etc.).

You can also get these erratas with **getEstablishmentData** method.

*Method: ~~availableHotelsByAreaWithErratas~~ – Deprecated.*

Method description : returns availability and price of hotels located inside a geographic area.

NOTE: Offer descriptions are included when an offer is applied to a particular price. (for instance: “3 x 2”, “Early Booking”, etc).

*Method: availableHotelsByCityExtends - Deprecated*

Method description : returns availability and price of hotels located inside a geographic area. Note that all methods availableByXXX have similar requests and the same respond objects.

*Method: ~~availableHotelsByCity~~ – Deprecated.*

Method description : returns availability and price of hotels located inside a city. Note that the only difference with **availableHotelsByAirport** is that here we have a cityCode instead of an airportLocation.

NOTE: Hotel erratas are temporal hotel modifications or important coments to be presented to final customer before booking is made (for instance: “pool not open”, “collecting apt. keys time: from 9:00 to 12:00”, etc).

You can also get these erratas with **getEstablishmentData** method.

*Method: availableHotelsByCityWithErratas – Deprecated.*

Method description : returns availability and price of hotels located inside a city. Note that the only difference with **availableHotelsByAirport** is that here we have a cityCode instead of an airportLocation.

NOTE: Offer descriptions are included when an offer is applied to a particular price. (for instance: “3 x 2”, “Early Booking”, etc).

*Method: availableHotelsByIdExtends - Deprecated*

Method description : returns availability and price of a given hotel. Note that all methods availableByXXX have similar requests and the same respond objects.

*Method: ~~availableHotelsById~~ – Deprecated.*

Method description : returns availability and price of a single hotel.

NOTE: Hotel erratas are temporal hotel modifications or important coments to be presented to final customer before booking is made (for instance: “pool not open”, “collecting apt. keys time: from 9:00 to 12:00”, etc).

You can also get these erratas with **getEstablishmentData** method.

*Method: availableHotelsByIdWithErratas – Deprecated.*

Method description : returns availability and price of a single hotel.

NOTE: Offer descriptions are included when an offer is applied to a particular price. (for instance: “3 x 2”, “Early Booking”, etc).

*Method: availableHotelsByAirportExtends - Deprecated*

Method description : returns availability and price of hotels located in an airport area. Note that all methods availableByXXX have similar requests and the same respond objects.

Method: ~~availableHotelsByAirport~~ – Deprecated.

Method description : returns availability and price of hotels located in an airport area.

NOTE: Hotel erratas are temporary hotel modifications or important comments to be presented to final customer before booking is made (for instance: “pool not open”, “collecting apt. keys time: from 9:00 to 12:00”, etc).

You can also get these erratas with **getEstablishmentData** method.

Method: ~~availableHotelsByAirportWithErratas~~ – Deprecated.

Method description : returns availability and price of hotels located in an airport area.

NOTE: Offer descriptions are included when an offer is applied to a particular price. (for instance: “3 x 2”, “Early Booking”, etc).

Method: ~~availableHotelsByMultiQuery~~ - Deprecated

Method description: returns availability and price of hotels selected, according to the search criteria. Several codes can be sent in the same request. Possible codes: Area codes, City codes, Hotel codes or Airport codes.

This is the only method that you need to apply in order to get establishment availability and prices.

Method: ~~valuate~~. - Deprecated

Method description : Returns a booking’s valuation: price, supplements, etc. without confirming it.

Method: ~~valuateExtended~~ - Deprecated

Method description : Returns a booking’s valuation: price, supplements, etc. without performing reservation.

Method: ~~confirm~~. - Deprecated

Method description : It requests a hotel booking service and returns a confirmation response and a serviceId for this service.

Use the response data obtained from an availability method to fill the required parameters. Be aware that if you send different data from the availability response, the confirm method may not work and respond with an error (because, for instance, there is no availability)

Method: ~~confirmExtended~~ - Deprecated

Method description : It requests a hotel booking service and returns a confirmation response for this service and a serviceId for this service. This method includes all necessary functionalities for new contract types:

- comissionable
- direct payment

NOTE: Hotels with regular contracts (net prices) can also be booked with this method; but clients working with net prices will find hotelBookingHandler:confirm enough for their needs.

NOTE: request object same as request object of hotelBookingHandler:confirm.

Use the response data obtained from an availability method to fill the required params. Be aware that if you send different data from the availability response, the confirm method may not work and response with an error (because, for instance, there is no availability)

*Method: availableHotelsByMultiQueryV12 - Deprecated*

Method description: returns availability and price of hotels selected, according to the search criteria. Several codes can be sent in the same request. Possible codes: Area codes, City codes, Hotel codes or Airport codes.

This is the only method that you need to apply in order to get establishment availability and prices.

*Method: ~~valuateExtendsV12~~ - Deprecated*

Method description : Returns a booking's valuation: price, supplements, cancellation terms, etc. without performing reservation.

*Method: ~~confirmExtendsV12~~ - Deprecated*

Method description : It requests a hotel booking service and returns a confirmation response and a serviceId for this service. This method includes all necessary functionalities for new contract types:

- comissionable
- direct payment

NOTE: Hotels with regular contracts (net prices) can also be booked with this method; but clients working with net prices will find hotelBookingHandler:confirm enough for their needs.

NOTE: Cancellation terms returned in response.

Use the response data obtained from an availability method to fill the required parameters. Be aware that if you send different data from the availability response, the confirm method may not work and respond with an error (because, for instance, there is no availability)

*Method: ~~getRoomTypes~~ - Deprecated*

Returns all available room types including their occupancy properties. A static file has been created.

***getEstablishmentDataExtends.***

**Note: Deprecated. Substituted by New method *getEstablishmentDataExtendsV22*.**

It returns all establishment (hotel) data: hotel data sheet.

*getEstablishmentDataExtends Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>establishmentId</b> (required)	Establishment code.

*getEstablishmentDataExtends Response*

<b>Address</b>		Address item
	<b>Address</b>	Postal address
	<b>cityCode</b>	City code (can be used in <b>availableHotelsByMultiQuery</b> method)
	<b>cityName</b>	City name
	<b>countryCode</b>	Country code (no availability search uses this code)
	<b>countryName</b>	Country name
	<b>email</b>	e-mail
	<b>fax</b>	Fax number
	<b>name</b>	Postal address
	<b>stateCode</b>	State code (no availability search uses this code)
	<b>stateName</b>	State name
	<b>telephone</b>	Telephone number
	<b>zipCode</b>	Postal code
	<b>zoneCode</b>	not in use
	<b>zoneName</b>	not in use
<b>categoryCode</b>		Category code.
<b>categoryName</b>		Category name.
<b>[comments]</b>		Comments item (same as Erratas). Erratas are required data to be shown to final clients before confirming a booking
	<b>text</b>	Comment (errata) text. Includes validity dates.
	<b>type</b>	Comment (errata) type. Value: ERRATA
<b>date</b>		Request date

id	Establishment id.
[imageGroups]	imageGroups item composed of <b>code</b> , <b>images</b> and <b>name</b> .
code	Image group code. <b>not in use</b>

***getEstablishmentDataExtendsV2/V3***

**Note: Deprecated. Substituted by New method *getEstablishmentDataExtendsV22*.**

It returns all available establishment (hotel) data: hotel data sheet.

***getEstablishmentDataExtendsV2/3 Request***

agencyCode (required)	Agency code. Unique code for each customer.
brandCode (required)	Brand code. Same code for all methods.
pointOfSaleId (required)	Point of Sale. Same code for all methods.
establishmentId (required)	Establishment code.
language (required)	Language sent in the response.

***getEstablishmentDataExtendsV2/3 Response***

Address	Address item.
Address	Postal address
cityCode	City code (can be used in <b><i>availableHotelsByMultiQuery</i></b> method)
cityName	City name
countryCode	Country code (no availability search uses this code)
countryName	Country name
email	e-mail
fax	Fax number
name	Postal address
stateCode	State code (no availability search uses this code)
stateName	State name
telephone	Telephone number
zipCode	Postal code



	zoneCode	not in use	
	zoneName	not in use	
categoryCode		Category code.	
categoryName		Category name.	
comments		Comments item (same as Erratas). Erratas are required data to be shown to final clients before confirming a booking	
	text	Comment (errata) text. Includes validity dates.	
	type	Comment (errata) type. Value: ERRATA	
date		Request date	
id		Establishment id.	
imageGroups		imageGroups item composed of code, images and name.	
	code	Image group code. not in use	
	images	Images item composed of date, source and Url	
		date	Image date
		Source	Image source. not in use
		url	Image Url
	name	Image group name. not in use	
latitude		Establishment latitude	
longDescription		Establishment longDescription	
Longitude		Establishment longitude	
Name		Establishment name.	
propertiesGroups		Properties groups' item. Composed of code, name and properties.	
	code	Properties group code	
	name	Properties group name	
	properties	Properties item. Composed of code, name and value.	
		code	Property code
		name	Property name
		value	Property value. Values: <ul style="list-style-type: none"><li>- YES if this is a YES/NO property or</li><li>- Free text.</li></ul>

shortDescription	Establishment short description.
typeCode	Establishment type code
typeName	Establishment type name
failure	Not in use.
additionalInformation	Additional establishment information.
directions	Additional information regarding establishment address.
locationInformation	Additional information regarding the establishment environment.
roomsInformation	Additional information regarding establishment rooms distribution.
xmlUrl	Not in use.
EstablishmentTypes	Establishment type. Composed of <b>code</b> and <b>name</b>
code	Establishment type code
name	Establishment type name

***getEstablishmentByName***

Note: Deprecated. Substituted by New method ***getEstablishmentByNameV22***

It returns all establishment (hotel) types

***getEstablishmentByName Request***

agencyCode (required)	Agency code. Unique code for each customer.
brandCode (required)	Brand code. Same code for all methods.
pointOfSaleId (required)	Point of Sale. Same code for all methods.
language (required)	Language sent in the response.
areaCode	Area code.  NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.
citycode	City code.  NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.

<b>establishmentCategories</b>	One or more category groups.
<b>establishmentTypes</b>	One or more type groups.
<b>fromRow</b> (required)	From which row (Hotel) the response will be formed. You can set it at 0, but it is a required parameter.
<b>numRows</b> (required)	Number of rows (Hotels) sent by the response.
<b>productCode</b>	Product code.
<b>searchName</b>	Hotel name (or part of it) to be used in this search

*getEstablishmentByName Response*

<b>fromRow</b>	First row to be included in the response according to the request <b>fromRow</b>
<b>result</b>	result item. An establishment.
<b>categoryName</b>	not in use
<b>cityName</b>	not in use
<b>countryName</b>	Establishment country name
<b>establishmentId</b>	Establishment code
<b>establishmentName</b>	Establishment name
<b>toRow</b>	Last row to be included in the response according to the request <b>toRow</b>
<b>totalRows</b>	Total rows (number of establishments) that verify the request params.

*availableHotelsByMultiQueryV13/14*

Note: Deprecated. Substituted by New method *availableHotelsByMultiQueryV22*

It returns availability and price of hotels selected, according to the search criteria. Several codes can be sent in the same request. Possible codes: Area codes, City codes, Hotel codes or Airport codes (**airport codes not yet available**). This is the only method that you need to apply in order to get establishment availability and prices

*availableHotelsByMultiQueryV13/14 Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.

<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date.
<b>checkout</b> (required)	Check out date. More than 60 days bookings are not allowed.
<b>occupancies</b> (required)	<p>Range with the requested paxes allotment. Maximum number of occupancies: 3 (occupancies [0], occupancies [1], occupancies [2]). For each occupancies[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>childrenAges</b> (required if <b>children</b> &lt;&gt; 0): <u>Note that a childrenAges parameter is required for each child.</u> Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: for a child 5 years and 4 months old, childrenAges = 5)</li> <li>- NOTE: generally, in XTS contracts: <ul style="list-style-type: none"> <li>- from 0 to 2 years old (childrenAges values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (childrenAges values: 2 to 11): children.</li> <li>- from 12 years old (childrenAges values: from 12): adults.</li> </ul> </li> </ul> </li> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1. <u>Note that total paxes per occupancy is ( children + adults ) * numberOfRooms.</u></li> <li>- <b>roomtypes</b> (optional): to filter results by room types. A set of roomtypes can be sent. Values: <ul style="list-style-type: none"> <li>- SGL: single</li> <li>- DBL: double</li> <li>- Etc.</li> </ul> </li> </ul> <p>Availability Tip: Be aware that infants don't compute like a pax, and each room type has its own pax restrictions, i.e.: TLC ( Triple Room ) has the following constraint: &lt;minChildren&gt;1&lt;/minChildren&gt;; if you try to allocate 2 adults and a 1 year old( in general) child you will get no availability.</p> <p>Availability Tip: Be aware that the XTS system doesn't show partial availability. If your request contains 3 occupancies the system will only show availability when all the paxes can be allocated. Use only one occupancy when possible.</p>
<b>establishmentName</b>	Hotel name: to filter responses by this value. Only hotels wich name matches this value completely or partially will be sent in the response.
<b>boardTypes</b>	<p>Board types: to filter responses by this value. A set of boardtypes can be sent. Values for <b>boardTypes[i]</b> :</p> <ul style="list-style-type: none"> <li>- BB: Bed and Breakfast</li> </ul>

	<ul style="list-style-type: none"> <li>- HB: Half board</li> <li>- Etc.</li> </ul> <p>NOTE: Use <b>getBoardTypes</b> method to retrieve all available board types</p>
<b>establishmentCategories</b>	<p>EstablishmentcategoryGroup: to filter responses by this value. A range of establishments can be sent. Values:</p> <ul style="list-style-type: none"> <li>- 1 to 5 ( <u>not directly equivalent to hotel stars rating, see notes below</u>)</li> </ul> <p>NOTE: Use <b>getEstablishmentCategoryGroup</b> method to retrieve all available establishment category groups.</p> <p>NOTE: to find relationships between categories and establishment category groups use method <b>getEstablishmentCategories</b>.</p>
<b>establishmentTypes</b>	<p>Hotel types: to filter responses by this value. A range of establishmentTypes can be sent. Values for <b>establishmentTypes[i]</b> :</p> <ul style="list-style-type: none"> <li>- 1: Generic</li> <li>- 2: Business</li> <li>- Etc.</li> </ul> <p>NOTE: Use <b>getEstablishmentTypes</b> method to retrieve all available establishment types.</p>
<b>includeEstablishmentData</b>	<p>By default: True.</p> <ul style="list-style-type: none"> <li>- true: to include hotel data in response.</li> <li>- false: not to include hotel data in response.</li> </ul>
<b>maxRoomCombinations PerEstablishment (required)</b>	<p>Max number of room combinations (hotel, boardbasis, roomtype, price) in response. Minimum value: 1</p> <p>The XTS development team strongly recommends not to use a high value, so that you get a number of manageable prices.</p>
<b>fromPrice (required)</b>	<p>Minimum booking price to be sent in the response. Minimum value: 0</p> <p>You can set it at 0, but it is a required param.</p>
<b>toPrice (required)</b>	<p>Maximum booking price to be sent in the response. You can set it at 999999, but it is a required parameter.</p>
<b>fromRow (required)</b>	<p>From this row (Hotel) the response will be formed. Minimum value: 0</p>
<b>numRows (required)</b>	<p>Number of rows (Hotels) sent by the response.</p>
<b>onlyOnline</b>	<p>By default: True:</p> <ul style="list-style-type: none"> <li>- true: only on-line results</li> </ul>
<b>orderBy</b>	<p>Order results by different criteria. Values:</p> <ul style="list-style-type: none"> <li>- CATEGORY ORDERING,[ASC/DESC]: Order by hotel category.</li> <li>- ESTNAME ORDERING,[ASC/DESC]: Order by hotel name.</li> <li>- ZONE ORDERING,[ASC/DESC]: order by District name.</li> <li>- PRICE ORDERING,[ASC/DESC]: order by price.</li> </ul> <p>You can add either “,ASC” or “,DESC” to make ordering ascendent or descendent. Default is ASC.</p>

<b>productCode</b>	<p>Product code. Values for <b>productCode</b> :</p> <ul style="list-style-type: none"> <li>1: Generic (the only type now available)</li> </ul> <p>NOTE: Use <b>getProduct</b> method to retrieve all available products.</p>
<p>NOTE: one of the following objects (areaCode, cityCode or establishmentId) is required. Not sending any code will return an empty response. You can send several object/codes combinations (for instance: 3 establishmentId's + 2 cityCodes)</p>	
<b>areaCode</b>	<p>Geographic area code.</p> <p>NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.</p> <p>A range of area codes may be sent.</p>
<b>cityCode</b>	<p>City code.</p> <p>NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.</p> <p>An array. A number of city codes may be sent.</p>
<b>establishmentId</b>	<p>establishment code.</p> <p>See establishment related methods to get this code: <b>getEstablishmentData</b> and <b>getEstablishmentsByName</b>.</p> <p>A range of establishment id's may be sent</p>
<b>location</b>	Airport location.
<b>airportCode</b>	<p>Airport Code.</p> <p>Note: This code is the XTS airport code, not the IATA nor IACO. To get the XTS airport codes use the method <b>getAirports</b> from <b>CommonsHandler</b>.</p>
<b>AirportType</b>	Airport Type. <b>Not in use</b>
<b>zoneld</b>	Airport Zone. <b>Not in use</b>

#### availableHotelsByMultiQueryV13/14 Response

<b>availableHotels</b>	availableHotels item. Availability response for one hotel. The response object may contain several availableHotels items.
<b>establishment</b>	Establishment item
<b>address</b>	Address item.
<b>address</b>	Postal address
<b>cityCode</b>	City code.
<b>cityName</b>	City name

countryCode	Country code (no availability search uses this code)
countryName	Country name
email	e-mail
fax	Fax number
name	Address name. <b>not in use.</b>
stateCode	State code (no availability search uses this code)
stateName	State name
telephone	Telephone number
zipCode	Postal code
zoneCode	District code containing this hotel.
zoneName	District name.
categoryCode	Category code.
categoryName	Category name.
id	Establishment id.
imageUrl	Url for the first image of this establishment.
name	Establishment name.
shortDescription	Establishment short description. If no shortDescription is available, it returns longDescription.
weight	Establishment priority. <b>Not in use</b>
comments	
from	Comment validity date from
text	Comment text ( value itself ).
to	Comment validity date to
type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>ERRATA:</b> Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li> <li>- <b>PVP / Retail Price:</b> The establishment works with retail prices.</li> <li>-</li> <li>- <b>Important Note:</b> You only must to process the following values if <b>Direct Client Payment = true.</b></li> <li>-</li> </ul>

				<ul style="list-style-type: none"> <li>- <b>Direct Client Payment:</b> in this case, text values = boolean (true or false)</li> <li>- <b>Commissionable:</b> in this case, text values = boolean (true or false)</li> </ul>
			moreCombinations	True or false. True meaning that more room combinations are available. A roomCombination = 1 roomtype + 1 boardType.
			roomCombinations	RoomCombinations item. Contains roomtype – board – price combinations
			prices	Prices item. Contains a price – room type – board type combination
			boardCategoryCode	Board category code.
			boardTypeCode	Board type code
			boardTypeName	Board type name
			offer	True or false. True meaning an offer has been applied to this price
			onRequest	True or false, Normally False.
			RoomPrices	Room prices item. Prices for one of the rooms
			comments	Information regarding room prices, [0..N] items.
			from	Not in use
			to	Not in use
			text	The value itself. See next note.
			type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation term</b> ” : cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>-</li> <li>- For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>-</li> <li>- <b>Note:</b> it is not possible to cancel a booking online with a 100% percent penalty release (when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request” and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li> <li>-</li> <li>- “ <b>Cancellation email</b> ” : email to request a manual booking cancellation, usefull when</li> </ul>



		<p>having a 100% cancellation penalty, see previous note.</p> <ul style="list-style-type: none"> <li>-</li> <li>-</li> <li>- <b>"Sales Commission percent"</b> : Comission applied</li> <li>-</li> <li>- <b>"Sales Commission amount"</b> : Amount of the previous percent applied to the room price.</li> <li>-</li> <li>- <b>"PVP/Binding retail price amount "</b>: If <b>PVP / Retail Price</b> is set to true and the agency is configured as net prices this element states the price.</li> <li>-</li> </ul>
	<b>paxes</b>	Number of paxes in this room
	<b>price</b>	Total price for this room
	<b>pricePerPax AndNight</b>	Price per pax and night for this room
	<b>PricePerRoom AndNight</b>	Price per room and night for this room
	<b>typeCode</b>	Board type code
	<b>typeName</b>	Board type name
	<b>amount</b>	
	<b>currencyCode</b>	Amount currency code.
	<b>value</b>	Amount value. Total price of the requested services.
	<b>commissionSalePercent</b>	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
	<b>commissionSaleValue</b>	Sales commission value. Agency commission. Only for commissionable agencies.
	<b>offerDescription</b>	List of offer descriptions when offer = true. Informative. One or more
	<b>description</b>	Offer description
	<b>rooms</b>	Rooms item. It contains an occupancy combination.
	<b>adults</b>	Number of adults in this room
	<b>children</b>	Number of children in this room
	<b>priceOfFirstNight</b>	Price of first night. <b>not in use</b>
	<b>quantity</b>	Number of rooms
	<b>typeCode</b>	Room type code

			<b>typeName</b>	Room type name
			<b>fromRow</b>	First row to be included in the response according to the request <b>fromRow</b>
			<b>numRows</b>	Number of rows included in the response
			<b>totalRows</b>	Total rows (number of establishments) that verify the request parameters.

**valuateExtendsV13**

Note: Deprecated. Substituted by New method **valuateExtendsV22**

It returns a booking's valuation: price, supplements, cancellation terms, sale commission, etc. without performing the reservation.

**valuateExtendsV13 Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date
<b>checkout</b> (required)	Check out date. More than 28 days bookings are not allowed.
<b>establishmentId</b> (required)	Establishment code.
<b>occupancies</b> (required)	<p>Array with pax number for this search. For each occupancy[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>boardTypeCode</b> (required): board type code.</li> <li>- <b>boardTypeName</b>: not in use.</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>[childrenAges]</b> (required if <b>children</b> &lt;&gt; 0): a <b>childrenAges</b> parameter is required for each child. Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: a child 5 years and 4 months old, <b>childrenAges</b> = 5)</li> </ul> </li> </ul> <p>NOTE: generally, in XTS contracts:</p> <ul style="list-style-type: none"> <li>- from 0 to 2 years old (<b>childrenAges</b> values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (<b>childrenAges</b> values: 2 to 11): children.</li> <li>- from 12 years old (<b>childrenAges</b> values: from 12): adults.</li> </ul>

	<ul style="list-style-type: none"> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1. <u>Be aware that total paxes per occupancy is ( children + adults ) * numberOfRooms.</u></li> <li>- <b>roomTypeCode</b> (required): room type code.</li> </ul> <p>Availability Tip: Be aware that infants don't compute like a pax, and each room type has its own pax restrictions, i.e.: TLC ( Triple Room ) has the following constraint: <code>&lt;minChildren&gt;1&lt;/minChildren&gt;</code>; if you try to allocate 2 adults and a 1 year old( in general) child you will get no availability.</p> <ul style="list-style-type: none"> <li>- Availability Tip: Be aware that the XTS system doesn't show partial availability. If your request contains 3 occupancies the system will only show availability when all the paxes can be allocated. Use only one occupancy when possible.</li> </ul>
<b>onlyOnline</b>	<p>Always true (and By default: True):</p> <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results (Feature Currently not enabled.)</li> </ul>
<b>optionalSupplements</b>	<p>A range of several optional supplements can be sent.</p> <p>Feature Currently not enabled.</p>

*valuateExtendsV13 Response*

<b>Amount</b>	Amount item.
<b>currencyCode</b>	Amount currency code
<b>Value</b>	Amount value. Total price of the requested params
<b>comissionSalePercent</b>	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
<b>commissionSaleValue</b>	Sales commission value. Agency commission. Only for commissionable agencies.
<b>Commission</b>	<b>not in use</b>
<b>date</b>	Request date
<b>lines</b>	Lines item. Composed of several tags. Detail of the price
<b>code</b>	Line code. Values: <ul style="list-style-type: none"> <li>- STY for STAY</li> </ul>
<b>description</b>	Line description
<b>from</b>	From date
<b>price</b>	Price item. Valuation price
<b>currencyCode</b>	Currency code

		value	Value. Price amount
		commissionSalePercent	Commission sale percent. Use it only as informative item. To avoid rounding mismatches use always the field 'commissionSaleValue'
		commissionSaleValue	Commission sale value. Agency benefit by this service.
	priceType		Price type: per ROOM or per PAX
	quantity		Number of rooms or paxes.
	status		Price status. Values: OK
	to		Booking date to
	total		Price item. Valuation price
		currencyCode	Currency code
		value	Value. Price amount
		commissionSalePercent	Commission sale percent. Use it only as informative item. To avoid rounding mismatches use always the field 'commissionSaleValue'
		commissionSaleValue	Commission sale value. Agency benefit by this service.
remarks			Remarks item. Composed of <b>text</b> and <b>type</b>
	text		Remark text: The errata text.  Remark text: The pvp retail binding price amount.  Remark text: True / False.  Remark text: Handler name.
	type		Remark type. Value: ERRATA  Remark type. Value: PVP / Binding retail price amount  Remark type. Value: PVP / Retail Price  Remark type. Value: Handler name
status			<b>not in use</b>
checkIn			Check in date
checkOut			Check out date
establishment			Establishment item composed of several items like <b>address</b> , <b>id</b> , etc.
	address		Address item.
		address	Postal address

	cityCode		City code (can be used in <i>availableHotelsByCityWithErratas</i> method)
	cityName		City name
	countryCode		Country code (no availability search uses this code)
	countryName		Country name
	email		e-mail
	fax		Fax number
	name		Postal address. <b>not in use</b>
	stateCode		State code (no availability search uses this code)
	stateName		State name
	telephone		Telephone number
	zipCode		Postal code
	zoneCode		District code
	zoneName		District name
	categoryCode		Category code.
	categoryName		Category name.
	id		Establishment code
	imageUrl		<b>not in use</b>
	name		Establishment name
	shortDescription		Establishment short description
	weight		Establishment priority
	occupations		Occupations item. One per occupancy sent.
	adults		Number of adults
	amount		Amount item. Price for this occupations item
		currencyCode	Currency code
		value	Value. Amount.
	boardTypeCode		Board type code
	boardTypeName		<b>not in use</b>
	cancellationComments		Cancellation comments: cancellation terms.

from	Not in use
to	Not in use
text	The value itself.
type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation term</b> ” : cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>- For example: 7 – 5.0% , means cancelling a booking 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>- <b>Note:</b> it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request” and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li> <li>- “ <b>Cancellation email</b> ” : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> </ul>
children	Number of children
childrenAges	Children ages. One per children
fromDate	Booking from date
numberOfDays	Stay number of days
numberOfRooms	Number of rooms
roomTypeCode	Room type code
roomTypeName	not in use
toDate	Booking to date

***confirmExtendsV13***

Note: Deprecated. Substituted by New method ***confirmExtendsV22***

It requests a hotel booking service and returns a confirmation response and a serviceId for this service. This method includes all necessary functionalities for new contract types:

- comissionable
- direct payment
- cancellation terms and sale commission information returned in response.

NOTE: Hotels with regular contracts (net prices) can also be booked with this method.

NOTE: Use the response data obtained from availability method to fill the required parameters. Be aware that if you send different data from the availability response, the confirm method may not work and respond with an error (because, for instance, there is no availability)

*confirmExtendsV13 Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date
<b>checkout</b> (required)	Check out date. More than 28 days bookings are not allowed.
<b>establishmentId</b> (required)	Establishment code. See establishment related methods to get this code: <b><i>getEstablishmentData</i></b> and <b><i>getEstablishmentsByName</i></b> .
<b>occupancies</b> (required)	<p>Array with pax number for this search. For each occupancy[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>boardTypeCode</b> (required): board type code.</li> <li>- <b>boardTypeName</b>: not in use.</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>[childrenAges]</b> (required if <b>children</b> &lt;&gt; 0): a childrenAges parameter is required for each child. Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: for a child of 5 years and 4 months, childrenAges = 5)</li> </ul> </li> </ul> <p>NOTE: generally, in XTS contracts:</p> <ul style="list-style-type: none"> <li>- from 0 to 2 years old (childrenAges values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (childrenAges values: 2 to 11): children.</li> <li>- from 12 years old (childrenAges values: from 12): adults.</li> </ul> <ul style="list-style-type: none"> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1.</li> <li>- <b>roomTypeCode</b> (required): room type code.</li> <li>-</li> </ul>
<b>onlyOnline</b>	<p>Always true (and By default: True):</p> <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results (<b>feature Currently disabled</b>)</li> </ul>
<b>optionalSupplements</b>	<p>A range of several optional supplements can be sent.</p> <p><b>Feature Currently not enabled.</b></p>
<b>agencyReference</b>	Customers reference (locator) for this booking. Free text.
<b>arrival</b>	<p>Passenger arrival data. Informative. Composed of:</p> <ul style="list-style-type: none"> <li>- <b>date</b> : arrival date</li> </ul>



	<ul style="list-style-type: none"> <li>- <b>flightNumber</b> : arrival flight number. Composed of: <ul style="list-style-type: none"> <li>-<b>company</b> : airline</li> <li>-<b>fullNumber</b> : flight number in full</li> <li>-<b>number</b> : shrot flight number</li> </ul> </li> <li>- <b>from</b> : flight origin</li> <li>- <b>localTime</b>: not in use</li> <li>- <b>to</b> : flight destination</li> </ul> <p>NOTE: Currently we don't use this data.</p>
<b>basketId</b>	Basket code. An existing XTS basketId or a null value. In case it is not specified, XTS will assign one basketId automatically. The response object returns it in any case.
<b>closeBasket</b>	<p>Boolean. Values (By default: True):</p> <ul style="list-style-type: none"> <li>- false: this basket is open. Rooms are blocked. It must be closed later with basketHandler confirm method or, either, be canceled with basketHandler cancel method</li> <li>- true: this basket is closed, documentation is sent, hotel receives booking confirmation, invoicing process is started.</li> </ul>
<b>comments</b>	<p>A list of several Booking comments can be sent. Informative. Each element composed of:</p> <ul style="list-style-type: none"> <li>- <b>type</b> : comment type. Free text.</li> <li>- <b>text</b> : comment text. Free text.</li> </ul>
<b>Departure</b>	<p>Passenger departure data. Informative. Composed of:</p> <ul style="list-style-type: none"> <li>- <b>date</b> : departure date</li> <li>- <b>flightNumber</b> : departure flight number. Composed of: <ul style="list-style-type: none"> <li>-<b>company</b> : airline</li> <li>-<b>fullNumber</b> : flight number in full</li> <li>-<b>number</b> : short flight number</li> </ul> </li> <li>- <b>from</b> : flight origin</li> <li>- <b>localTime</b>: not in use</li> <li>- <b>to</b> : flight destination</li> </ul> <p>NOTE: Currently we don't use this data.</p>
<b>paxList</b>	<p>Passenger list. Informative. A range of several passengers by room data can be sent. Each element composed of:</p> <ul style="list-style-type: none"> <li>- <b>[paxNames]</b> : a list of several passengers names can be sent. Each element composed of:</li> <li>- <b>roomTypeCode</b> : room type code for the passengers specified above</li> </ul>

sendDocumentationTo	E-mail account where this booking documentation will be sent. If no email is included here, agency email will be used.
titular (required)	Lead pax name.
userId	Agency's user code. You can use it as a search param in the getBaskets method

*confirmExtendsV13 Response*

basket	Basket item. General bakset information										
<table> <tr> <td>basketId</td><td>Basket code</td></tr> <tr> <td>cancelled</td><td>Cancellation date. Value "0".</td></tr> <tr> <td>closed</td><td>Basket closed date</td></tr> <tr> <td>opened</td><td>Basket opened date</td></tr> <tr> <td>titular</td><td>not in use</td></tr> </table>	basketId	Basket code	cancelled	Cancellation date. Value "0".	closed	Basket closed date	opened	Basket opened date	titular	not in use	
basketId	Basket code										
cancelled	Cancellation date. Value "0".										
closed	Basket closed date										
opened	Basket opened date										
titular	not in use										
cancellationDate	not in use										
comments	<p>Comments item. Contains all data needed to specify contract type of the booked hotel and hotel fiscal data</p> <p>Several will be sent. Composed of text and type.</p>										
<table> <tr> <td>text</td><td>Commnent content. Free text, boolean or numeric depending on type</td></tr> <tr> <td>type</td><td> <p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- For all agencies:</li> <li>- PVP / Retail price: States if this is a net price o don't.</li> <li>- For net prices agencies:</li> <li>- PVP / Binding retail price amount: Binding retail price amount.</li> <li>- For commissionable prices agencies:</li> <li>- Sales Commission percent: sales commission percent</li> <li>- Sales Commission amount: sales commission amount.</li> <li>-</li> <li>- For direct payment prices (Direct Client Payment = true):</li> <li>- Direct Client Payment: in this case, text values = boolean (true or false). If true:</li> <li>- Commissionable: in this case, text values = boolean (true or false).</li> <li>- Commission Percent: in this case, text values = numeric. If Commissionable = true, this comment will hold the comission percent. For instance: 20.0 (this means a 20% commission)</li> </ul> </td></tr> </table>	text	Commnent content. Free text, boolean or numeric depending on type	type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- For all agencies:</li> <li>- PVP / Retail price: States if this is a net price o don't.</li> <li>- For net prices agencies:</li> <li>- PVP / Binding retail price amount: Binding retail price amount.</li> <li>- For commissionable prices agencies:</li> <li>- Sales Commission percent: sales commission percent</li> <li>- Sales Commission amount: sales commission amount.</li> <li>-</li> <li>- For direct payment prices (Direct Client Payment = true):</li> <li>- Direct Client Payment: in this case, text values = boolean (true or false). If true:</li> <li>- Commissionable: in this case, text values = boolean (true or false).</li> <li>- Commission Percent: in this case, text values = numeric. If Commissionable = true, this comment will hold the comission percent. For instance: 20.0 (this means a 20% commission)</li> </ul>							
text	Commnent content. Free text, boolean or numeric depending on type										
type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- For all agencies:</li> <li>- PVP / Retail price: States if this is a net price o don't.</li> <li>- For net prices agencies:</li> <li>- PVP / Binding retail price amount: Binding retail price amount.</li> <li>- For commissionable prices agencies:</li> <li>- Sales Commission percent: sales commission percent</li> <li>- Sales Commission amount: sales commission amount.</li> <li>-</li> <li>- For direct payment prices (Direct Client Payment = true):</li> <li>- Direct Client Payment: in this case, text values = boolean (true or false). If true:</li> <li>- Commissionable: in this case, text values = boolean (true or false).</li> <li>- Commission Percent: in this case, text values = numeric. If Commissionable = true, this comment will hold the comission percent. For instance: 20.0 (this means a 20% commission)</li> </ul>										

		<ul style="list-style-type: none"> <li>- <b>Fiscal Data- VAT Number:</b> hotel VAT number.</li> <li>- <b>Fiscal Data- Company Name:</b> company name</li> <li>- <b>Fiscal Data- Observations:</b> comments</li> <li>- <b>Fiscal Data- Address- Address1:</b> address data field 1</li> <li>- <b>Fiscal Data- Address- Address2:</b> address data field 2</li> <li>- <b>Fiscal Data- Address- Email:</b> company e-mail</li> <li>- <b>Fiscal Data- Address- Fax:</b> company fax number</li> <li>- <b>Fiscal Data- Address- Name:</b> company address name</li> <li>- <b>Fiscal Data- Address- Postal Code:</b> company postal code</li> <li>- <b>Fiscal Data- Address- Telephone:</b> company telephone number</li> <li>- <b>Fiscal Data- Address- City:</b> company address city</li> <li>-</li> <li>- <b>Special cases:</b></li> <li>-</li> <li>- <b>PVP / Retail price:</b> States if this is a net price or don't.</li> <li>-</li> <li>-</li> </ul> <p>NOTE: all "Fiscal Data-" types are used to send hotel fiscal data.</p>
	commision	not in use
	contractId	not in use
	description	Establishment name
	okDate	Ok date
	pointOfSaleId	Point of sale code
	positionInBasket	Service position in basket
	requestDate	Request date
	serviceId	Service code
	status	Status. Value: OK meaning confirm request received and processed correctly.
	total	Total item. Total amount of service
	currencyCode	Currency code
	value	Value. Amount  NOTE: all amounts in case of commissionable hotels include the commission. JOL client receives the commission percent to help to calculate any required commission amount.
	commissionSalePercent	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
	commissionSaleValue	Sales commission value. Agency commission. Only for commissionable agencies.
	userId	User code. XTS user sent in the confirm request if any.
	voucherUrl	not in use

checkin	Check in date
checkout	Check out date
establishmentId	Establishment code
occupations	Occupations item. One per occupancy sent.
adults	Number of adults
amount	Amount item. Price for this occupations item
currencyCode	Currency code
value	Value. Amount.
boardTypeCode	Board type code
boardTypeName	Board type name
cancellationComments	
from	Not in use
to	Not in use
text	The value itself. See next note.
type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- " <b>Cancellation term</b> " : cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>- For example: 7 – 5.0% , means cancelling a booking 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>- <b>Note</b>: it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain "on request" and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li> <li>- " <b>Cancellation email</b> " : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> </ul>
children	Number of children
childrenAges	Children ages. One per child
fromDate	Booking from date
numberOfDays	Number of days stay
numberOfRooms	number of rooms
roomTypeCode	Room type code

<b>roomTypeName</b>	Room type name
<b>toDate</b>	Booking to date

**getBoardTypes**

It returns all available board types.

**getBoardTypes Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.

**getBoardTypes Response**

<b>[boardTypes]</b>		boardtypes item composed of <b>code</b> and <b>name</b>
	<b>code</b>	Board type code
	<b>name</b>	Board type name

**availableHotelsByMultiQueryV15**

It returns availability and price of hotels selected, according to the search criteria. Several codes can be sent in the same request. Possible codes: Area codes, City codes, Hotel codes or Airport codes (**airport codes not yet available**).

This is the only method that you need to apply in order to get establishment availability, prices and on-request.

**availableHotelsByMultiQueryV15 Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date.
<b>checkout</b> (required)	Check out date. More than 60 days bookings are not allowed.
<b>occupancies</b> (required)	Range with the requested paxes allotment. Maximum number of occupancies: 3 (occupancies [0], occupancies [1], occupancies [2]). For each occupancies[i]: - <b>adults</b> (required): number of adult pax, minimum value: 1

	<ul style="list-style-type: none"> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>childrenAges</b> (required if <b>children</b> &lt;&gt; 0): <u>Note that a childrenAges parameter is required for each child.</u> Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: for a child 5 years and 4 months old, childrenAges = 5)</li> <li>- NOTE: generally, in XTS contracts: <ul style="list-style-type: none"> <li>- from 0 to 2 years old (childrenAges values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (childrenAges values: 2 to 11): children.</li> <li>- from 12 years old (childrenAges values: from 12): adults.</li> </ul> </li> </ul> </li> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1. <u>Note that total paxes per occupancy is ( children + adults ) * numberOfRooms.</u></li> <li>- <b>roomtypes</b> (optional): to filter results by room types. A set of roomtypes can be sent. Values: <ul style="list-style-type: none"> <li>- SGL: single</li> <li>- DBL: double</li> <li>- Etc.</li> </ul> </li> </ul> <p>Availability Tip: Be aware that infants don't compute like a pax, and each room type has its own pax restrictions, i.e.: TLC ( Triple Room ) has the following constraint: &lt;minChildren&gt;1&lt;/minChildren&gt;; if you try to allocate 2 adults and a 1 year old( in general) child you will get no availability.</p> <p>Availability Tip: Be aware that the XTS system doesn't show partial availability. If your request contains 3 occupancies the system will only show availability when all the paxes can be allocated. Use only one occupancy when possible.</p>
<b>establishmentName</b>	Hotel name: to filter responses by this value. Only hotels with name matches this value completely or partially will be sent in the response.
<b>boardTypes</b>	<p>Board types: to filter responses by this value. A set of boardtypes can be sent. Values for <b>boardTypes[i]</b> :</p> <ul style="list-style-type: none"> <li>- BB: Bed and Breakfast</li> <li>- HB: Half board</li> <li>- Etc.</li> </ul> <p>NOTE: Use <b>getBoardTypes</b> method to retrieve all available board types</p>
<b>establishmentCategories</b>	<p>EstablishmentcategoryGroup: to filter responses by this value. A range of establishments can be sent. Values:</p> <ul style="list-style-type: none"> <li>- 1 to 5 ( <u>not directly equivalent to hotel stars rating, see notes below</u> )</li> </ul> <p>NOTE: Use <b>getEstablishmentCategoryGroup</b> method to retrieve all available establishment category groups.</p> <p>NOTE: to find relationships between categories and establishment category groups use method <b>getEstablishmentCategories</b>.</p>
<b>establishmentTypes</b>	<p>Hotel types: to filter responses by this value. A range of establishmentTypes can be sent. Values for <b>establishmentTypes[i]</b> :</p> <ul style="list-style-type: none"> <li>- 1: Generic</li> <li>- 2: Business</li> <li>- Etc.</li> </ul>

	NOTE: Use <b>getEstablishmentTypes</b> method to retrieve all available establishment types.
<b>includeEstablishmentData</b>	By default: True. <ul style="list-style-type: none"> <li>- true: to include hotel data in response.</li> <li>- false: not to include hotel data in response.</li> </ul>
<b>maxRoomCombinations PerEstablishment (required)</b>	Max number of room combinations (hotel, boardbasis, roomtype, price) in response. Minimum value: 1  The XTS development team strongly recommends not to use a high value, so that you get a number of manageable prices.
<b>fromPrice (required)</b>	Minimum booking price to be sent in the response. Minimum value: 0  You can set it at 0, but it is a required param.
<b>toPrice (required)</b>	Maximum booking price to be sent in the response. You can set it at 999999, but it is a required parameter.
<b>fromRow (required)</b>	From this row (Hotel) the response will be formed. Minimum value: 0
<b>numRows (required)</b>	Number of rows (Hotels) sent by the response.
<b>onlyOnline</b>	By default: True: <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results</li> </ul>
<b>orderBy</b>	Order results by different criteria. Values: <ul style="list-style-type: none"> <li>- CATEGORY ORDERING,[ASC/DESC]: Order by hotel category.</li> <li>- ESTNAME ORDERING,[ASC/DESC]: Order by hotel name.</li> <li>- ZONE ORDERING,[ASC/DESC]: order by District name.</li> <li>- PRICE ORDERING,[ASC/DESC]: order by price.</li> </ul> You can add either “ASC” or “DESC” to make ordering ascendent or descendent. Default is ASC.
<b>productCode</b>	Product code. Values for <b>productCode</b> : <ul style="list-style-type: none"> <li>- 1: Generic (the only type now available)</li> </ul> NOTE: Use <b>getProduct</b> method to retrieve all available products.
NOTE: one of the following objects (areaCode, cityCode or establishmentId) is required. Not sending any code will return an empty response. You can send several object/codes combinations (for instance: 3 establishmentId's + 2 cityCodes)	
<b>areaCode</b>	Geographic area code.  NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.  A range of area codes may be sent.
<b>cityCode</b>	City code.  NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.

		An array. A number of city codes may be sent.
	establishmentId	<p>establishment code.</p> <p>See establishment related methods to get this code: <b>getEstablishmentData</b> and <b>getEstablishmentsByName</b>.</p> <p>A range of establishment id's may be sent</p>
	location	Airport location.
	airportCode	<p>Airport Code.</p> <p>Note: This code is the XTS airport code, not the IATA nor IACO. To get the XTS airport codes use the method <b>getAirports</b> from <b>CommonsHandler</b>.</p>
	AirportType	Airport Type. <b>Not in use</b>
	zoneld	Airport Zone. <b>Not in use</b>

#### availableHotelsByMultiQueryV15 Response

	availableHotels	availableHotels item. Availability response for one hotel. The response object may contain several availableHotels items.
	establishment	Establishment item
	address	Address item.
	address	Postal address
	cityCode	City code.
	cityName	City name
	countryCode	Country code (no availability search uses this code)
	countryName	Country name
	email	e-mail
	fax	Fax number
	name	Address name. <b>not in use.</b>
	stateCode	State code (no availability search uses this code)
	stateName	State name
	telephone	Telephone number
	zipCode	Postal code
	zoneCode	District code containing this hotel.
	zoneName	District name.



categoryCode		Category code.
categoryName		Category name.
id		Establishment id.
imageUrl		Url for the first image of this establishment.
name		Establishment name.
shortDescription		Establishment short description. If no shortDescription is available, it returns longDescription.
weight		Establishment priority. <b>Not in use</b>
comments		
	from	Comment validity date from
	text	Comment text ( value itself ).
	to	Comment validity date to
	type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>ERRATA:</b> Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li> <li>- <b>PVP / Retail Price:</b> The establishment works with retail prices.</li> <li>- <b>Important Note:</b> You only must to process the following values if <b>Direct Client Payment = true</b>.</li> <li>- <b>Direct Client Payment:</b> in this case, text values = boolean (true or false)</li> <li>- <b>Commissionable:</b> in this case, text values = boolean (true or false)</li> <li>-</li> </ul>
moreCombinations		True or false. True meaning that more room combinations are available. A roomCombination = 1 roomtype + 1 boardType.
roomCombinations		RoomCombinations item. Contains roomtype – board – price combinations
	prices	Prices item. Contains a price – room type – board type combination
	boardCategoryCode	Board category code.
	boardTypeCode	Board type code
	boardTypeName	Board type name
	offer	True or false. True meaning an offer has been applied to this price
	onRequest	True or false, Normally False if “True” response include on-request results.

RoomPrices		Room prices item. Prices for one of the rooms
comments		Information regarding room prices, [0..N] items.
	from	Not in use
	to	Not in use
	text	The value itself. See next note.
	type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- "Cancellation term " : cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>- For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>- <b>Note:</b> it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain "on request" and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li> <li>- "Cancellation email " : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> <li>- "Sales Commission percent" : Comission applied</li> <li>- "Sales Commission amount" : Amount of the previous percent applied to the room price.</li> <li>- "PVP/Binding retail price amount " : If PVP / Retail Price is set to true and the agency is configured as net prices this element states the price.</li> </ul>
paxes		Number of paxes in this room
price		Total price for this room
pricePerPax AndNight		Price per pax and night for this room
PricePerRoom AndNight		Price per room and night for this room
typeCode		Board type code
typeName		Board type name
amount		
	currencyCode	Amount currency code.
	value	Amount value. Total price of the requested services.

			commissionSalePercent	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
			commissionSaleValue	Sales commission value. Agency commission. Only for commissionable agencies.
		offerDescription		List of offer descriptions when offer = true. Informative. One or more
		description	Offer description	
	rooms			Rooms item. It contains an occupancy combination.
		adults	Number of adults in this room	
		children	Number of children in this room	
		priceOfFirstNight	Price of first night. <b>not in use</b>	
		quantity	Number of rooms	
		typeCode	Room type code	
		typeName	Room type name	
fromRow				First row to be included in the response according to the request <b>fromRow</b>
numRows				Number of rows included in the response
totalRows				Total rows (number of establishments) that verify the request parameters.

**availableHotelsByMultiQueryV16**

This is an extension of availableHotelsByMultiqueryV15, with new search criteria District Code. District Code and Name of each hotel are included in the response.

It returns availability and price of hotels selected, according to the search criteria. Several codes can be sent in the same request. Possible codes: Area codes, City codes, Hotel codes or District codes.

This is the only method that you need to apply in order to get establishment availability, prices and on-request.

**availableHotelsByMultiQueryV16 Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date.
<b>checkout</b> (required)	Check out date. More than 60 days bookings are not allowed.
<b>occupancies</b> (required)	<p>Range with the requested paxes allotment. Maximum number of occupancies: 3 (occupancies [0], occupancies [1], occupancies [2]). For each occupancies[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>childrenAges</b> (required if <b>children</b> &lt;&gt; 0): <u>Note that a childrenAges parameter is required for each child.</u> Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: for a child 5 years and 4 months old, childrenAges = 5)</li> <li>- NOTE: generally, in XTS contracts: <ul style="list-style-type: none"> <li>- from 0 to 2 years old (childrenAges values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (childrenAges values: 2 to 11): children.</li> <li>- from 12 years old (childrenAges values: from 12): adults.</li> </ul> </li> </ul> </li> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1. <u>Note that total paxes per occupancy is ( children + adults ) * numberOfRooms.</u></li> <li>- <b>roomtypes</b> (optional): to filter results by room types. A set of roomtypes can be sent. Values: <ul style="list-style-type: none"> <li>- SGL: single</li> <li>- DBL: double</li> <li>- Etc.</li> </ul> </li> </ul> <p>Availability Tip: Be aware that infants don't compute like a pax, and each room type has its own pax restrictions, i.e.: TLC ( Triple Room ) has the following constraint: &lt;minChildren&gt;1&lt;/minChildren&gt;; if you try to allocate 2 adults and a 1 year old( in general) child you will get no availability.</p>

	Availability Tip: Be aware that the XTS system doesn't show partial availability. If your request contains 3 occupancies the system will only show availability when all the paxes can be allocated. Use only one occupancy when possible.
<b>establishmentName</b>	Hotel name: to filter responses by this value. Only hotels with name matches this value completely or partially will be sent in the response.
<b>boardTypes</b>	Board types: to filter responses by this value. A set of boardtypes can be sent. Values for <b>boardTypes[i]</b> : <ul style="list-style-type: none"> <li>- BB: Bed and Breakfast</li> <li>- HB: Half board</li> <li>- Etc.</li> </ul> NOTE: Use <b>getBoardTypes</b> method to retrieve all available board types
<b>establishmentCategories</b>	EstablishmentcategoryGroup: to filter responses by this value. A range of establishments can be sent. Values: <ul style="list-style-type: none"> <li>- 1 to 5 ( <u>not directly equivalent to hotel stars rating, see notes below</u> )</li> </ul> NOTE: Use <b>getEstablishmentCategoryGroup</b> method to retrieve all available establishment category groups.  NOTE: to find relationships between categories and establishment category groups use method <b>getEstablishmentCategories</b> .
<b>establishmentTypes</b>	Hotel types: to filter responses by this value. A range of establishmentTypes can be sent. Values for <b>establishmentTypes[i]</b> : <ul style="list-style-type: none"> <li>- 1: Generic</li> <li>- 2: Business</li> <li>- Etc.</li> </ul> NOTE: Use <b>getEstablishmentTypes</b> method to retrieve all available establishment types.
<b>includeEstablishmentData</b>	By default: True. <ul style="list-style-type: none"> <li>- true: to include hotel data in response.</li> <li>- false: not to include hotel data in response.</li> </ul>
<b>maxRoomCombinations</b> <b>PerEstablishment</b> (required)	Max number of room combinations (hotel, boardbasis, roomtype, price) in response. Minimum value: 1  The XTS development team strongly recommends not to use a high value, so that you get a number of manageable prices.
<b>fromPrice</b> (required)	Minimum booking price to be sent in the response. Minimum value: 0  You can set it at 0, but it is a required param.
<b>toPrice</b> (required)	Maximum booking price to be sent in the response. You can set it at 999999, but it is a required parameter.
<b>fromRow</b> (required)	From this row (Hotel) the response will be formed. Minimum value: 0
<b>numRows</b> (required)	Number of rows (Hotels) sent by the response.
<b>onlyOnline</b>	By default: True: <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results</li> </ul>

<b>orderBy</b>	<p>Order results by different criteria. Values:</p> <ul style="list-style-type: none"> <li>- CATEGORY ORDERING,[ASC/DESC]: Order by hotel category.</li> <li>- ESTNAME ORDERING,[ASC/DESC]: Order by hotel name.</li> <li>- ZONE ORDERING,[ASC/DESC]: order by District name.</li> <li>- PRICE ORDERING,[ASC/DESC]: order by price.</li> </ul> <p>You can add either “,ASC” or “,DESC” to make ordering ascendent or descendent. Default is ASC.</p>
<b>productCode</b>	<p>Product code. Values for <b>productCode</b> :</p> <ul style="list-style-type: none"> <li>- 1: Generic (the only type now available)</li> </ul> <p>NOTE: Use <b>getProduct</b> method to retrieve all available products.</p>
<p>NOTE: one of the following objects (areaCode, cityCode, establishmentId or districtCode) is required. Not sending any code will return an empty response. You can send several object/codes combinations (for instance: 3 establishmentId's + 2 cityCodes)</p>	
<b>areaCode</b>	<p>Geographic area code.</p> <p>NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.</p> <p>A range of area codes may be sent.</p>
<b>cityCode</b>	<p>City code.</p> <p>NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.</p> <p>An array. A number of city codes may be sent.</p>
<b>establishmentId</b>	<p>establishment code.</p> <p>See establishment related methods to get this code: <b>getEstablishmentData</b> and <b>getEstablishmentsByName</b>.</p> <p>A range of establishment id's may be sent</p>
<b>districtCode</b>	<p>District code.</p> <p>To get the XTS district codes use the method <b>getDistricts</b> from <b>CommonsHandler</b>.</p> <p>An array. A number of district codes may be sent.</p>
<b>location</b>	Airport location.
<b>airportCode</b>	<p>Airport Code.</p> <p>Note: This code is the XTS airport code, not the IATA nor IACO. To get the XTS airport codes use the method <b>getAirports</b> from <b>CommonsHandler</b>.</p>
<b>AirportType</b>	Airport Type. <b>Not in use</b>
<b>zoneId</b>	Airport Zone. <b>Not in use</b>

**availableHotelsByMultiQueryV16 Response**

availableHotels		availableHotels item. Availability response for one hotel. The response object may contain several availableHotels items.
	establishment	Establishment item
	address	Address item.
	address	Postal address
	cityCode	City code.
	cityName	City name
	countryCode	Country code (no availability search uses this code)
	countryName	Country name
	districtCode	District code.
	districtName	District name.
	email	e-mail
	fax	Fax number
	name	Address name. <b>not in use.</b>
	stateCode	State code (no availability search uses this code)
	stateName	State name
	telephone	Telephone number
	zipCode	Postal code
	categoryCode	Category code.
	categoryName	Category name.
	id	Establishment id.
	imageUrl	Url for the first image of this establishment.
	name	Establishment name.
	shortDescription	Establishment short description. If no shortDescription is available, it returns longDescription.
	weight	Establishment priority. <b>Not in use</b>
	comments	
	from	Comment validity date from
	text	Comment text ( value itself ).

			to	Comment validity date to
			type	Comment type. Values: <ul style="list-style-type: none"> <li>- <b>ERRATA:</b> Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li> <li>- <b>PVP / Retail Price:</b> The establishment works with retail prices.</li> <li>- <b>Important Note:</b> You only must to process the following values if <b>Direct Client Payment = true</b>.</li> <li>- <b>Direct Client Payment:</b> in this case, text values = boolean (true or false)</li> <li>- <b>Commissionable:</b> in this case, text values = boolean (true or false)</li> </ul>
			moreCombinations	True or false. True meaning that more room combinations are available. A roomCombination = 1 roomtype + 1 boardType.
			roomCombinations	RoomCombinations item. Contains roomtype – board – price combinations
			prices	Prices item. Contains a price – room type – board type combination
			boardCategoryCode	Board category code.
			boardTypeCode	Board type code
			boardTypeName	Board type name
			offer	True or false. True meaning an offer has been applied to this price
			onRequest	True or false, Normally False if “True” response include on-request results.
			RoomPrices	Room prices item. Prices for one of the rooms
			comments	Information regarding room prices, [0..N] items.
			from	Not in use
			to	Not in use
			text	The value itself. See next note.
			type	Comment type. Values: <ul style="list-style-type: none"> <li>- <b>“Cancellation term”</b> : cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>- For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>- <b>Note:</b> it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request” and it is not</u></li> </ul>



		<p><u>confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</p> <ul style="list-style-type: none"> <li>- "Cancellation email" : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> <li>-</li> <li>- "Sales Commission percent" : Comission applied</li> <li>-</li> <li>- "Sales Commission amount" : Amount of the previous percent applied to the room price.</li> <li>-</li> <li>- "PVP/Binding retail price amount" : If PVP / Retail Price is set to true and the agency is configured as net prices this element states the price.</li> <li>-</li> </ul>
	paxes	Number of paxes in this room
	price	Total price for this room
	pricePerPax AndNight	Price per pax and night for this room
	PricePerRoom AndNight	Price per room and night for this room
	typeCode	Board type code
	typeName	Board type name
	amount	
	currencyCode	Amount currency code.
	value	Amount value. Total price of the requested services.
	commissionSalePercent	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
	commissionSaleValue	Sales commission value. Agency commission. Only for commissionable agencies.
	offerDescription	List of offer descriptions when offer = true. Informative. One or more
	description	Offer description
	rooms	Rooms item. It contains an occupancy combination.
	adults	Number of adults in this room
	children	Number of children in this room
	priceOfFirstNight	Price of first night. <b>not in use</b>

	<b>quantity</b>	Number of rooms
	<b>typeCode</b>	Room type code
	<b>typeName</b>	Room type name
<b>fromRow</b>	First row to be included in the response according to the request <b>fromRow</b>	
<b>numRows</b>	Number of rows included in the response	
<b>totalRows</b>	Total rows (number of establishments) that verify the request parameters.	

**valuateExtendsV15**

It returns a booking's valuation: price, supplements, cancellation terms, sale commission, on-request response. Without performing the reservation

**valuateExtendsV15 Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date
<b>checkout</b> (required)	Check out date. More than 28 days bookings are not allowed.
<b>establishmentId</b> (required)	Establishment code.
<b>occupancies</b> (required)	<p>Array with pax number for this search. For each occupancy[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>boardTypeCode</b> (required): board type code.</li> <li>- <b>boardTypeName</b>: not in use.</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>[childrenAges]</b> (required if <b>children</b> &lt;&gt; 0): a <b>childrenAges</b> parameter is required for each child. Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: a child 5 years and 4 months old, <b>childrenAges</b> = 5)</li> </ul> </li> </ul> <p>NOTE: generally, in XTS contracts:</p> <ul style="list-style-type: none"> <li>- from 0 to 2 years old (<b>childrenAges</b> values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (<b>childrenAges</b> values: 2 to 11): children.</li> <li>- from 12 years old (<b>childrenAges</b> values: from 12): adults.</li> </ul>

	<ul style="list-style-type: none"> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1. <u>Be aware that total paxes per occupancy is ( children + adults ) * numberOfRooms.</u></li> <li>- <b>roomTypeCode</b> (required): room type code.</li> </ul> <p>Availability Tip: Be aware that infants don't compute like a pax, and each room type has its own pax restrictions, i.e.: TLC ( Triple Room ) has the following constraint: &lt;minChildren&gt;1&lt;/minChildren&gt;; if you try to allocate 2 adults and a 1 year old( in general) child you will get no availability.</p> <ul style="list-style-type: none"> <li>- Availability Tip: Be aware that the XTS system doesn't show partial availability. If your request contains 3 occupancies the system will only show availability when all the paxes can be allocated. Use only one occupancy when possible.</li> </ul>
<b>onlyOnline</b>	<p>By default: True:</p> <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results</li> </ul>
<b>optionalSupplements</b>	<p>A range of several optional supplements can be sent.</p> <p><b>Feature Currently not enabled.</b></p>

*valuateExtendsV15 Response*

<b>Amount</b>		Amount item.
	<b>currencyCode</b>	Amount currency code
	<b>Value</b>	Amount value. Total price of the requested params
	<b>comissionSalePercent</b>	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
	<b>commissionSaleValue</b>	Sales commission value. Agency commission. Only for commissionable agencies.
<b>Commission</b>		<b>not in use</b>
<b>date</b>		Request date
<b>lines</b>		Lines item. Composed of several tags. Detail of the price
	<b>code</b>	Line code. Values: <ul style="list-style-type: none"> <li>- STY for STAY</li> </ul>
	<b>description</b>	Line description
	<b>from</b>	From date
	<b>price</b>	Price item. Valuation price
	<b>currencyCode</b>	Currency code

		value	Value. Price amount
		commissionSalePercent	Commission sale percent. Use it only as informative item. To avoid rounding mismatches use always the field 'commissionSaleValue'
		commissionSaleValue	Commission sale value. Agency benefit by this service.
	priceType		Price type: per ROOM or per PAX
	quantity		Number of rooms or paxes.
	status		Price status. Values: OK
	to		Booking date to
	total		Price item. Valuation price
		currencyCode	Currency code
		value	Value. Price amount
		commissionSalePercent	Commission sale percent. Use it only as informative item. To avoid rounding mismatches use always the field 'commissionSaleValue'
		commissionSaleValue	Commission sale value. Agency benefit by this service.
remarks			Remarks item. Composed of <b>text</b> and <b>type</b>
	text		Remark text: The errata text.  Remark text: The pvp retail binding price amount.  Remark text: True / False.  Remark text: Handler name.
	type		Remark type. Value: ERRATA  Remark type. Value: PVP / Binding retail price amount  Remark type. Value: PVP / Retail Price  Remark type. Value: Handler name
status			<b>not in use</b>
checkIn			Check in date
checkOut			Check out date
establishment			Establishment item composed of several items like <b>address</b> , <b>id</b> , etc.
	address		Address item.
		address	Postal address

	cityCode		City code (can be used in <i>availableHotelsByCityWithErratas</i> method)
	cityName		City name
	countryCode		Country code (no availability search uses this code)
	countryName		Country name
	email		e-mail
	fax		Fax number
	name		Postal address. <b>not in use</b>
	stateCode		State code (no availability search uses this code)
	stateName		State name
	telephone		Telephone number
	zipCode		Postal code
	zoneCode		District code
	zoneName		District name
	categoryCode		Category code.
	categoryName		Category name.
	id		Establishment code
	imageUrl		<b>not in use</b>
	name		Establishment name
	shortDescription		Establishment short description
	weight		Establishment priority
	occupations		Occupations item. One per occupancy sent.
	adults		Number of adults
	amount		Amount item. Price for this occupations item
		currencyCode	Currency code
		value	Value. Amount.
	boardTypeCode		Board type code
	boardTypeName		<b>not in use</b>

onlyOnline	True or false, Normally False if “True” response include on-request results.
cancellationComments	Cancellation comments: cancellation terms.
from	Not in use
to	Not in use
text	The value itself.
type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- “Cancellation term” : cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>- For example: 7 – 5.0% , means cancelling a booking 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>- <b>Note:</b> it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request” and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li> <li>- “Cancellation email” : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> </ul>
children	Number of children
childrenAges	Children ages. One per children
fromDate	Booking from date
numberOfDays	Stay number of days
numberOfRooms	Number of rooms
roomTypeCode	Room type code
roomTypeName	not in use
toDate	Booking to date

**confirmExtendsV15**

It requests a hotel booking service and returns a confirmation response and a serviceId for this service. This method includes all necessary functionalities for new contract types:

- Commissionable
- Direct payment
- Cancellation terms and sale commission information returned in response.
- Include on-request results

NOTE: Hotels with regular contracts (net prices) can also be booked with this method.

NOTE: Use the response data obtained from availability method to fill the required parameters. Be aware that if you send different data from the availability response, the confirm method may not work and respond with an error (because, for instance, there is no availability)

### *confirmExtendsV15 Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date
<b>checkout</b> (required)	Check out date. More than 28 days bookings are not allowed.
<b>establishmentId</b> (required)	Establishment code.  See establishment related methods to get this code: <b>getEstablishmentData</b> and <b>getEstablishmentsByName</b> .
<b>[occupancies]</b> (required)	Array with pax number for this search. For each occupancy[i]: <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>boardTypeCode</b> (required): board type code.</li> <li>- <b>boardTypeName</b>: not in use.</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>[childrenAges]</b> (required if <b>children</b> &lt;&gt; 0): a childrenAges parameter is required for each child. Values:               <ul style="list-style-type: none"> <li>- 0 to 16: (example: for a child of 5 years and 4 months, childrenAges = 5)</li> </ul> </li> </ul> <p>NOTE: generally, in XTS contracts:</p> <ul style="list-style-type: none"> <li>- from 0 to 2 years old (childrenAges values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (childrenAges values: 2 to 11): children.</li> <li>- from 12 years old (childrenAges values: from 12): adults.</li> </ul> <ul style="list-style-type: none"> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1.</li> <li>- <b>roomTypeCode</b> (required): room type code.</li> <li>-</li> </ul>
<b>onlyOnline</b>	By default: True: <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results</li> </ul>
<b>optionalSupplements</b>	A range of several optional supplements can be sent.

	Feature Currently not enabled.
agencyReference	Customers reference (locator) for this booking. Free text.
arrival	<p>Passenger arrival data. Informative. Composed of:</p> <ul style="list-style-type: none"> <li>- <b>date</b> : arrival date</li> <li>- <b>flightNumber</b> : arrival flight number. Composed of: <ul style="list-style-type: none"> <li>-<b>company</b> : airline</li> <li>-<b>fullNumber</b> : flight number in full</li> <li>-<b>number</b> : shrot flight number</li> </ul> </li> <li>- <b>from</b> : flight origin</li> <li>- <b>localTime</b>: not in use</li> <li>- <b>to</b> : flight destination</li> </ul> <p>NOTE: Currently we don't use this data.</p>
basketId	<p>Basket code. An existing XTS basketId or a null value. In case it is not specified, XTS will assign one basketId automatically. The response object returns it in any case.</p> <p>In case it's an "on Request" please don't include any basketId.</p>
closeBasket	<p>Boolean. Values (By default: True):</p> <ul style="list-style-type: none"> <li>- false: this basket is open. Rooms are blocked. It must be closed later with basketHandler confirm method or, either, be canceled with basketHandler cancel method</li> <li>- true: this basket is closed, documentation is sent, hotel receives booking confirmation, invoicing process is started.</li> <li>- true: in case of "on request" boolean. Value ="true"</li> </ul>
[comments]	<p>A list of several Booking comments can be sent. Informative. Each element composed of:</p> <ul style="list-style-type: none"> <li>- <b>type</b> : comment type. Free text.</li> <li>- <b>text</b> : comment text. Free text.</li> </ul> <p>If you want the comment to be included on the voucher, you should use the type CLIENT.</p>
Departure	<p>Passenger departure data. Informative. Composed of:</p> <ul style="list-style-type: none"> <li>- <b>date</b> : departure date</li> <li>- <b>flightNumber</b> : departure flight number. Composed of: <ul style="list-style-type: none"> <li>-<b>company</b> : airline</li> <li>-<b>fullNumber</b> : flight number in full</li> <li>-<b>number</b> : short flight number</li> </ul> </li> <li>- <b>from</b> : flight origin</li> <li>- <b>localTime</b>: not in use</li> </ul>



	<ul style="list-style-type: none"> <li>- <b>to</b> : flight destination</li> </ul> <p><b>NOTE: Currently we don't use this data.</b></p>
<b>paxList</b>	<p>Passenger list. Informative. A range of several passengers by room data can be sent. Each element composed of:</p> <ul style="list-style-type: none"> <li>- <b>[paxNames]</b> : a list of several passengers names can be sent. Each element composed of:</li> <li>- <b>roomTypeCode</b> : room type code for the passengers specified above</li> </ul>
<b>sendDocumentationTo</b>	<p>E-mail account where this booking documentation will be sent. If no email is included here, agency email will be used.</p> <p>In case of "onRequest" it's mandatory to provide valid email account where information could be send.</p> <p>Do not use to insert client e-mail. The booking documentation to be send includes agency price, and not client prices.</p>
<b>titular</b> (required)	Lead pax name.
<b>userId</b>	Agency's user code. You can use it as a search param in the getBaskets method

*confirmExtendsV15 Response*

<b>basket</b>	Basket item. General bakset information
<b>basketId</b>	Basket code
<b>cancelled</b>	Cancellation date. Value "0".
<b>closed</b>	Basket closed date
<b>opened</b>	Basket opened date
<b>titular</b>	<b>not in use</b>
<b>cancellationDate</b>	<b>not in use</b>
<b>comments</b>	<p>Comments item. Contains all data needed to specify contract type of the booked hotel and hotel fiscal data</p> <p>Several will be sent. Composed of text and type.</p>
<b>text</b>	Comment content. Free text, boolean or numeric depending on type
<b>type</b>	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>For all agencies:</b></li> <li>- <b>PVP / Retail price:</b> States if this is a net price o don't.</li> </ul>

	<ul style="list-style-type: none"> <li>-</li> <li>- For net prices agencies:</li> <li>-</li> <li>- PVP / Binding retail price amount: Binding retail price amount.</li> <li>-</li> <li>- For commissionable prices agencies:</li> <li>-</li> <li>- Sales Commission percent: sales commission percent</li> <li>- Sales Commission amount: sales commission amount.</li> <li>-</li> <li>-</li> <li>- For direct payment prices (Direct Client Payment = true):</li> <li>-</li> <li>- Direct Client Payment: in this case, text values = boolean (true or false). If true:</li> <li>-</li> <li>- Commissionable: in this case, text values = boolean (true or false).</li> <li>- Commission Percent: in this case, text values = numeric. If Commissionable = true, this comment will hold the commission percent. For instance: 20.0 (this means a 20% commission)</li> <li>- Fiscal Data- VAT Number: hotel VAT number.</li> <li>- Fiscal Data- Company Name: company name</li> <li>- Fiscal Data- Observations: comments</li> <li>- Fiscal Data- Address- Address1: address data field 1</li> <li>- Fiscal Data- Address- Address2: address data field 2</li> <li>- Fiscal Data- Address- Email: company e-mail</li> <li>- Fiscal Data- Address- Fax: company fax number</li> <li>- Fiscal Data- Address- Name: company address name</li> <li>- Fiscal Data- Address- Postal Code: company postal code</li> <li>- Fiscal Data- Address- Telephone: company telephone number</li> <li>- Fiscal Data- Address- City: company address city</li> <li>-</li> <li>- Special cases:</li> <li>-</li> <li>- PVP / Retail price: States if this is a net price or don't.</li> <li>-</li> <li>-</li> </ul> <p>NOTE: all "Fiscal Data-"types are used to send hotel fiscal data.</p>
text	Your "onRequest" solicitude with basketID XXXXX has been sent to our business agent.
type	On Request
commision	not in use
contractId	not in use
description	Establishment name
okDate	Ok date
pointOfSaleId	Point of sale code
positionInBasket	Service position in basket
requestDate	Request date
serviceId	Service code
status	Status: Value: OK means confirm request received and processed correctly.

		Status: Value REQUESTED means request is received and in process
total		Total item. Total amount of service
	currencyCode	Currency code
	value	Value. Amount  NOTE: all amounts in case of commissionable hotels include the commission. JOL client receives the commission percent and can then calculate any required commission amount.
	commissionSalePercent	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
	commissionSaleValue	Sales commission value. Agency commission. Only for commissionable agencies.
userId		User code. XTS user sent in the confirm request if any.
voucherUrl		not in use
checkin		Check in date
checkout		Check out date
establishmentId		Establishment code
occupations		Occupations item. One per occupancy sent.
	adults	Number of adults
	amount	Amount item. Price for this occupations item
	currencyCode	Currency code
	value	Value. Amount.
	boardTypeCode	Board type code
	boardTypeName	Board type name
	onRequest	True: in case of "on Request"  False: only on-line results
	cancellationComments	
	from	Not in use
	to	Not in use
	text	The value itself. See next note.

<b>type</b>	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation term</b> ” : cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>- For example: 7 – 5.0% , means cancelling a booking 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>- <b>Note:</b> it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request” and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li> <li>- “ <b>Cancellation email</b> ” : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> </ul>
<b>children</b>	Number of children
<b>childrenAges</b>	Children ages. One per child
<b>fromDate</b>	Booking from date
<b>numberOfDays</b>	Number of days stay
<b>numberOfRooms</b>	number of rooms
<b>roomTypeCode</b>	Room type code
<b>roomTypeName</b>	Room type name
<b>toDate</b>	Booking to date

#### **AvailableHotelsByMultiQueryV17**

It returns availability and price of hotels selected, according to the search criteria. Several codes can be sent in the same request. Possible codes: Area codes, City codes, Hotel codes or District codes.

This is the only method that you need to apply in order to get establishment availability, prices online and on-request with Errata “City Tax / Resort Fee” information.

#### **availableHotelsByMultiQueryV17 Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date.
<b>checkout</b> (required)	Check out date. More than 60 days bookings are not allowed.

<p><b>occupancies</b> (required)</p>	<p>Range with the requested paxes allotment. Maximum number of occupancies: 3 (occupancies [0], occupancies [1], occupancies [2]). For each occupancies[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>childrenAges</b> (required if <b>children</b> &lt;&gt; 0): <u>Note that a childrenAges parameter is required for each child.</u> Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: for a child 5 years and 4 months old, childrenAges = 5)</li> <li>- NOTE: generally, in XTS contracts: <ul style="list-style-type: none"> <li>- from 0 to 2 years old (childrenAges values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (childrenAges values: 2 to 11): children.</li> <li>- from 12 years old (childrenAges values: from 12): adults.</li> </ul> </li> </ul> </li> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1. <u>Note that total paxes per occupancy is ( children + adults ) * numberOfRooms.</u></li> <li>- <b>roomtypes</b> (optional): to filter results by room types. A set of roomtypes can be sent. Values: <ul style="list-style-type: none"> <li>- SGL: single</li> <li>- DBL: double</li> <li>- Etc.</li> </ul> </li> </ul> <p>Availability Tip: Be aware that infants don't compute like a pax, and each room type has its own pax restrictions, i.e.: TLC ( Triple Room ) has the following constraint: &lt;minChildren&gt;1&lt;/minChildren&gt;; if you try to allocate 2 adults and a 1 year old( in general) child you will get no availability.</p> <p>Availability Tip: Be aware that the XTS system doesn't show partial availability. If your request contains 3 occupancies the system will only show availability when all the paxes can be allocated. Use only one occupancy when possible.</p>
<p><b>establishmentName</b></p>	<p>Hotel name: to filter responses by this value. Only hotels wich name matches this value completely or partially will be sent in the response.</p>
<p><b>boardTypes</b></p>	<p>Board types: to filter responses by this value. A set of boardtypes can be sent. Values for <b>boardTypes[i]</b> :</p> <ul style="list-style-type: none"> <li>- BB: Bed and Breakfast</li> <li>- HB: Half board</li> <li>- Etc.</li> </ul> <p>NOTE: Use <b>getBoardTypes</b> method to retrieve all available board types</p>
<p><b>establishmentCategories</b></p>	<p>EstablishmentcategoryGroup: to filter responses by this value. A range of establishments can be sent. Values:</p> <ul style="list-style-type: none"> <li>- 1 to 5 ( <u>not directly equivalent to hotel stars rating, see notes below</u> )</li> </ul> <p>NOTE: Use <b>getEstablishmentCategoryGroup</b> method to retrieve all available establishment category groups.</p> <p>NOTE: to find relationships between categories and establishment category groups use method <b>getEstablishmentCategories</b>.</p>

<b>establishmentTypes</b>	<p>Hotel types: to filter responses by this value. A range of establishmentTypes can be sent. Values for <b>establishmentTypes[i]</b>:</p> <ul style="list-style-type: none"> <li>-</li> <li>- 1: Generic</li> <li>- 2: Business</li> <li>- Etc.</li> </ul> <p>NOTE: Use <b>getEstablishmentTypes</b> method to retrieve all available establishment types.</p>
<b>includeEstablishmentData</b>	<p>By default: True.</p> <ul style="list-style-type: none"> <li>- true: to include hotel data in response.</li> <li>- false: not to include hotel data in response.</li> </ul>
<b>maxRoomCombinations</b> <b>PerEstablishment</b> (required)	<p>Max number of room combinations (hotel, boardbasis, roomtype, price) in response. Minimum value: 1</p> <p>The XTS development team strongly recommends not to use a high value, so that you get a number of manageable prices.</p>
<b>fromPrice</b> (required)	<p>Minimum booking price to be sent in the response. Minimum value: 0</p> <p>You can set it at 0, but it is a required param.</p>
<b>toPrice</b> (required)	<p>Maximum booking price to be sent in the response. You can set it at 999999, but it is a required parameter.</p>
<b>fromRow</b> (required)	<p>From this row (Hotel) the response will be formed. Minimum value: 0</p>
<b>numRows</b> (required)	<p>Number of rows (Hotels) sent by the response.</p>
<b>onlyOnline</b>	<p>By default: True:</p> <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results</li> </ul>
<b>orderBy</b>	<p>Order results by different criteria. Values:</p> <ul style="list-style-type: none"> <li>- CATEGORY ORDERING,[ASC/DESC]: Order by hotel category.</li> <li>- ESTNAME ORDERING,[ASC/DESC]: Order by hotel name.</li> <li>- ZONE ORDERING,[ASC/DESC]: order by District name.</li> <li>- PRICE ORDERING,[ASC/DESC]: order by price.</li> </ul> <p>You can add either “,ASC” or “,DESC” to make ordering ascendent or descendent. Default is ASC.</p>
<b>productCode</b>	<p>Product code. Values for <b>productCode</b> :</p> <ul style="list-style-type: none"> <li>- 1: Generic (the only type now available)</li> </ul> <p>NOTE: Use <b>getProduct</b> method to retrieve all available products.</p>
<p>NOTE: one of the following objects (areaCode, cityCode or establishmentId) is required. Not sending any code will return an empty response. You can send several object/codes combinations (for instance: 3 establishmentId's + 2 cityCodes)</p>	
<b>areaCode</b>	<p>Geographic area code.</p> <p>NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.</p> <p>A range of area codes may be sent.</p>

<b>cityCode</b>	City code.  NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.  An array. A number of city codes may be sent.
<b>establishmentId</b>	establishment code.  See establishment related methods to get this code: <b>getEstablishmentData</b> and <b>getEstablishmentsByName</b> .  A range of establishment id's may be sent
<b>districtCode</b>	District code.  To get the XTS district codes use the method <b>getDistricts</b> from <b>CommonsHandler</b> .  An array. A number of district codes may be sent.
<b>location</b>	Airport location.
<b>airportCode</b>	Airport Code.  Note: This code is the XTS airport code, not the IATA nor IACO. To get the XTS airport codes use the method <b>getAirports</b> from <b>CommonsHandler</b> .
<b>AirportType</b>	Airport Type. <b>Not in use</b>
<b>zoneld</b>	Airport Zone. <b>Not in use</b>

#### availableHotelsByMultiQueryV17 Response

<b>availableHotels</b>	availableHotels item. Availability response for one hotel. The response object may contain several availableHotels items.
<b>establishment</b>	Establishment item
<b>address</b>	Address item.
<b>address</b>	Postal address
<b>cityCode</b>	City code.
<b>cityName</b>	City name
<b>countryCode</b>	Country code (no availability search uses this code)
<b>countryName</b>	Country name
<b>email</b>	e-mail

fax	Fax number
name	Address name. <b>not in use.</b>
stateCode	State code (no availability search uses this code)
stateName	State name
telephone	Telephone number
zipCode	Postal code
zoneCode	District code containing this hotel.
zoneName	District name.
categoryCode	Category code.
categoryName	Category name.
id	Establishment id.
imageUrl	Url for the first image of this establishment.
name	Establishment name.
shortDescription	Establishment short description. If no shortDescription is available, it returns longDescription.
weight	Establishment priority. <b>Not in use</b>
comments	
from	Comment validity date from
text	Comment text ( value itself ).
to	Comment validity date to
type	Comment type. Values: <ul style="list-style-type: none"> <li>- <b>PVP / Retail Price:</b> The establishment works with retail prices.</li> <li>- <b>Important Note:</b> You only must to process the following values if <b>Direct Client Payment = true.</b></li> <li>- <b>Direct Client Payment:</b> in this case, text values = boolean (true or false)</li> <li>- <b>Commissionable:</b> in this case, text values = boolean (true or false)</li> <li>-</li> </ul>
moreCombinations	True or false. True meaning that more room combinations are available. A roomCombination = 1 roomtype + 1 boardType.
[roomCombinations]	RoomCombinations item. Contains roomtype – board – price combinations



prices		Prices item. Contains a price – room type – board type combination
	boardCategoryCode	Board category code.
	boardTypeCode	Board type code
	boardTypeName	Board type name
	offer	True or false. True meaning an offer has been applied to this price
	onRequest	True or false, Normally False if “True” response include on-request results.
RoomPrices		Room prices item. Prices for one of the rooms
	comments	Information regarding room prices, [0..N] items.
	from	Not in use
	to	Not in use
	text	The value itself. See next note.
	type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>ERRATA:</b> Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li> <li>-</li> <li>- “ <b>Cancellation term</b> “: cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>-</li> <li>- For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>-</li> <li>- <b>Note:</b> it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request” and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li> <li>-</li> <li>- “ <b>Cancellation email</b> “ : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> <li>-</li> <li>-</li> <li>- “<b>Sales Commission percent</b>” : Comission applied</li> <li>-</li> <li>- “<b>Sales Commission amount</b>” : Amount of the previous percent applied to the room price.</li> <li>-</li> <li>- “<b>PVP/Binding retail price amount</b> “: If <b>PVP / Retail Price</b> is set to true and the agency is configured as net prices this element states the price.</li> <li>-</li> </ul>
	errataType	<p>Example values:</p> <ul style="list-style-type: none"> <li>- <b>CITY TAX:</b> Errata CITY TAX</li> </ul>

		<ul style="list-style-type: none"> <li>- <b>RESORT FEE:</b> Errata RESORT FEE</li> <li>- <b>"OTHERS":</b> others errata types description</li> </ul> <p>Use the method getErrataTypes to obtain all the possible values.</p>
	conditions	Only for errataType CITY TAX or RESORT FEE
	calculationRules	Conditions for applying tax
	currency	Currency code
	duration	Duration. Values : <ul style="list-style-type: none"> <li>- Per day</li> <li>- Per night</li> <li>- Per stay</li> <li>- Per week</li> <li>- Roundtrip</li> <li>- One way</li> </ul>
	maxImport	Maximum import to pay
	maxNights	Maximum number of nights to apply
	scope	Scope. Values : <ul style="list-style-type: none"> <li>- Per adult</li> <li>- Per person</li> <li>- Per room</li> <li>- Per suite</li> <li>- Per apartment</li> <li>- Per house</li> </ul>
	taxIncluded	Tax is included : True or False
	discountsExemptions	Any discount or exemption about tax
	discAmount	Vaue of discount (case discType = Discount)
	discType	Type of discount. Values : <ul style="list-style-type: none"> <li>- Discount</li> <li>- Exemprion : tax don't apply</li> </ul>
	discountFrom	Date from : dd/mm
	discountTo	Date to : dd/mm

		maxAge	Maximum age for applying discount and exceptions
		maxStay	Maximum stay for applying discount and exceptions
		minAge	Minimum age for applying discount and exceptions
		minStay	Minumum stay for applying discount and exceptions
		reason	Reason of discount. Values : <ul style="list-style-type: none"> <li>- Business</li> <li>- Vacation</li> <li>- Senior</li> <li>- Disability</li> <li>- High season</li> <li>- Low season</li> </ul>
		resident	Resident: True or False
		type	Type of value of discAmount. Values : <ul style="list-style-type: none"> <li>- PERCENT</li> <li>- FEE</li> </ul>
	tax		Tax to be applied
		amount	Value of tax
		dateFrom	Date from : dd/mm
		dateTo	Date to : dd/mm
		maxRoomRate	Maximum room price to apply this tax To use in those cases where taxes depends on the room price.
		minRoomRate	Minimum room price to apply this tax To use in those cases where taxes depends on the room price.
		type	Type of value of amount. Values : <ul style="list-style-type: none"> <li>- PERCENT</li> <li>- FEE</li> </ul>
	version		Tax version
	paxes		Number of paxes in this room
	price		Total price for this room

				pricePerPax AndNight	Price per pax and night for this room	
				PricePerRoom AndNight	Price per room and night for this room	
				typeCode	Board type code	
				typeName	Board type name	
				amount		
					currencyCode	Amount currency code.
					value	Amount value. Total price of the requested services.
					commissionSalePercent	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
					commissionSaleValue	Sales commission value. Agency commission. Only for commissionable agencies.
				offerDescription		List of offer descriptions when offer = true. Informative. One or more
					description	Offer description
				rooms		Rooms item. It contains an occupancy combination.
					adults	Number of adults in this room
					children	Number of children in this room
					priceOfFirstNight	Price of first night. <b>not in use</b>
					quantity	Number of rooms
					typeCode	Room type code
					typeName	Room type name
fromRow				First row to be included in the response according to the request <b>fromRow</b>		
numRows				Number of rows included in the response		
totalRows				Total rows (number of establishments) that verify the request parameters.		

valuateExtendsV16

It returns a booking's valuation: price, supplements, cancellation terms, sale commission, on-request response, with Errata "City Tax / Resort Fee" information. Without performing the reservation

### *valueExtendsV16 Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date
<b>checkout</b> (required)	Check out date. More than 28 days bookings are not allowed.
<b>establishmentId</b> (required)	Establishment code.
<b>occupancies</b> (required)	<p>Array with pax number for this search. For each occupancy[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>boardTypeCode</b> (required): board type code.</li> <li>- <b>boardTypeName</b>: not in use.</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>[childrenAges]</b> (required if <b>children</b> &lt;&gt; 0): a <b>childrenAges</b> parameter is required for each child. Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: a child 5 years and 4 months old, <b>childrenAges</b> = 5)</li> </ul> </li> </ul> <p>NOTE: generally, in XTS contracts:</p> <ul style="list-style-type: none"> <li>- from 0 to 2 years old (<b>childrenAges</b> values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (<b>childrenAges</b> values: 2 to 11): children.</li> <li>- from 12 years old (<b>childrenAges</b> values: from 12): adults.</li> </ul> <ul style="list-style-type: none"> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1. <u>Be aware that total paxes per occupancy is ( children + adults ) * numberOfRooms.</u></li> <li>- <b>roomTypeCode</b> (required): room type code.</li> </ul> <p>Availability Tip: Be aware that infants don't compute like a pax, and each room type has its own pax restrictions, i.e.: TLC ( Triple Room ) has the following constraint: &lt;minChildren&gt;1&lt;/minChildren&gt;; if you try to allocate 2 adults and a 1 year old( in general) child you will get no availability.</p> <ul style="list-style-type: none"> <li>- Availability Tip: Be aware that the XTS system doesn't show partial availability. If your request contains 3 occupancies the system will only show availability when all the paxes can be allocated. Use only one occupancy when possible.</li> </ul>
<b>onlyOnline</b>	By default: True:

	<ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results</li> </ul>
optionalSupplements	<p>A range of several optional supplements can be sent.</p> <p>Feature Currently not enabled.</p>

*valuateExtendsV16 Response*

Amount	Amount item.
currencyCode	Amount currency code
Value	Amount value. Total price of the requested params
comissionSalePercent	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
commissionSaleValue	Sales commission value. Agency commission. Only for commissionable agencies.
Commission	not in use
date	Request date
lines	Lines item. Composed of several tags. Detail of the price
code	Line code. Values: <ul style="list-style-type: none"> <li>- STY for STAY</li> </ul>
description	Line description
from	From date
price	Price item. Valuation price
currencyCode	Currency code
value	Value. Price amount
commissionSalePercent	Commission sale percent. Use it only as informative item. To avoid rounding mismatches use always the field 'commissionSaleValue'
commissionSaleValue	Commission sale value. Agency benefit by this service.
priceType	Price type: per ROOM or per PAX
quantity	Number of rooms or paxes.
status	Price status. Values: OK
to	Booking date to
total	Price item. Valuation price

		currencyCode	Currency code
		value	Value. Price amount
		commissionSalePercent	Commission sale percent. Use it only as informative item. To avoid rounding mismatches use always the field 'commissionSaleValue'
		commissionSaleValue	Commission sale value. Agency benefit by this service.
remarks			Remarks item. Composed of text and type
	text	Remark text: The pvp retail binding price amount. Remark text: True / False. Remark text: Handler name.	
	type	Remark type. Value: PVP / Binding retail price amount Remark type. Value: PVP / Retail Price Remark type. Value: Handler name	
status			not in use
checkIn			Check in date
checkOut			Check out date
establishment			Establishment item composed of several items like address, id, etc.
	address		Address item.
		address	Postal address
		cityCode	City code (can be used in availableHotelsByCityWithErratas method)
		cityName	City name
		countryCode	Country code (no availability search uses this code)
		countryName	Country name
		email	e-mail
		fax	Fax number
		name	Postal address. not in use
		stateCode	State code (no availability search uses this code)
		stateName	State name
		telephone	Telephone number

	zipCode		Postal code
	zoneCode		District code
	zoneName		District name
	categoryCode		Category code.
	categoryName		Category name.
	id		Establishment code
	imageUrl		not in use
	name		Establishment name
	shortDescription		Establishment short description
	weight		Establishment priority
occupations			Occupations item. One per occupancy sent.
	adults		Number of adults
	amount		Amount item. Price for this occupations item
		currencyCode	Currency code
		value	Value. Amount.
	boardTypeCode		Board type code
	boardTypeName		not in use
	onlyOnline		True or false, Normally False if “True” response include on-request results.
	cancellationComments		Cancellation comments: cancellation terms.
		from	Not in use
		to	Not in use
		text	The value itself.
		type	<p>Comment type. Values:</p> <ul style="list-style-type: none"><li>- “Cancellation term”: cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li><li>-</li><li>- For example: 7 – 5.0% , means cancelling a booking 7 days before checkin date has a 5.0% of total booking amount penalty.</li><li>-</li><li>- <b>Note:</b> it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request” and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li></ul>



			<ul style="list-style-type: none"> <li>- "Cancellation email" : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> </ul>
		conditions	Not in use for cancellation terms
		errataType	Not in use for cancellation terms
	children		Number of children
	childrenAges		Children ages. One per children
	fromDate		Booking from date
	numberOfDays		Stay number of days
	numberOfRooms		Number of rooms
	roomTypeCode		Room type code
	roomTypeName		not in use
	toDate		Booking to date
	comments		Information regarding room prices, [0..N] items.
		from	Not in use
		to	Not in use
		text	The value itself. See next note.
	type		Comment type. Values: <ul style="list-style-type: none"> <li>- <b>ERRATA</b>: Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li> </ul>
	errataType		Example values: <ul style="list-style-type: none"> <li>- <b>CITY TAX</b>: Errata CITY TAX</li> <li>- <b>RESORT FEE</b>: Errata RESORT FEE</li> <li>- <b>"OTHERS"</b>: others errata types description</li> </ul> Use the method getErrataTypes to obtain all the possible values.
	conditions		Only for errataType CITY TAX or RESORT FEE
		calculationRules	Conditions for applying tax
		currency	Currency code

<b>duration</b>	Duration. Values : <ul style="list-style-type: none"> <li>- Per day</li> <li>- Per night</li> <li>- Per stay</li> <li>- Per week</li> <li>- Roundtrip</li> <li>- One way</li> </ul>
<b>maxImport</b>	Maximum import to pay
<b>maxNights</b>	Maximum number of nights to apply
<b>scope</b>	Scope. Values : <ul style="list-style-type: none"> <li>- Per adult</li> <li>- Per person</li> <li>- Per room</li> <li>- Per suite</li> <li>- Per apartment</li> <li>- Per house</li> </ul>
<b>taxIncluded</b>	Tax is included : True or False
<b>discountsExemptions</b>	Any discount or exemption about tax
<b>discAmount</b>	Value of discount (case discType = Discount)
<b>discType</b>	Type of discount. Values : <ul style="list-style-type: none"> <li>- Discount</li> <li>- Exemption : tax don't apply</li> </ul>
<b>discountFrom</b>	Date from : dd/mm
<b>discountTo</b>	Date to : dd/mm
<b>maxAge</b>	Maximum age for applying discount and exceptions
<b>maxStay</b>	Maximum stay for applying discount and exceptions
<b>minAge</b>	Minimum age for applying discount and exceptions

		minStay	Minumum stay for applying discount and exceptions
		reason	Reason of discount. Values :  - Business  - Vacation  - Senior  - Disability  - High season  - Low season
		resident	Resident: True or False
		type	Type of value of discAmount. Values :  - PERCENT  - FEE
	tax		Tax to be applied
		amount	Value of tax
		dateFrom	Date from : dd/mm
		dateTo	Date to : dd/mm
		maxRoomRate	Maximum room price to apply this tax  To use in those cases where taxes depends on the room price.
		minRoomRate	Minimum room price to apply this tax  To use in those cases where taxes depends on the room price.
	type	Type of value of amount. Values :  - PERCENT  - FEE	
version		Tax version	

**confirmExtendsV16**

It requests a hotel booking service and returns a confirmation response and a serviceId for this service. This method includes all necessary functionalities for new contract types:

- Commissionable
- Direct payment

- Cancellation terms and sale commission information returned in response.
- Include on-request results
- Include Errata CITY TAX or RESORT FEE information

NOTE: Hotels with regular contracts (net prices) can also be booked with this method.

NOTE: Use the response data obtained from availability method to fill the required parameters. Be aware that if you send different data from the availability response, the confirm method may not work and respond with an error (because, for instance, there is no availability)

### *confirmExtendsV16 Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date
<b>checkout</b> (required)	Check out date. More than 28 days bookings are not allowed.
<b>establishmentId</b> (required)	Establishment code. See establishment related methods to get this code: <b>getEstablishmentData</b> and <b>getEstablishmentsByName</b> .
<b>occupancies</b> (required)	<p>Array with pax number for this search. For each occupancy[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>boardTypeCode</b> (required): board type code.</li> <li>- <b>boardTypeName</b>: not in use.</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>[childrenAges]</b> (required if <b>children</b> &lt;&gt; 0): a <b>childrenAges</b> parameter is required for each child. Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: for a child of 5 years and 4 months, <b>childrenAges</b> = 5)</li> </ul> </li> </ul> <p>NOTE: generally, in XTS contracts:</p> <ul style="list-style-type: none"> <li>- from 0 to 2 years old (<b>childrenAges</b> values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (<b>childrenAges</b> values: 2 to 11): children.</li> <li>- from 12 years old (<b>childrenAges</b> values: from 12): adults.</li> </ul> <ul style="list-style-type: none"> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1.</li> <li>- <b>roomTypeCode</b> (required): room type code.</li> <li>-</li> </ul>
<b>onlyOnline</b>	<p>By default: True:</p> <ul style="list-style-type: none"> <li>- true: only on-line results</li> </ul>

	- false: include on-request results
optionalSupplements	<p>A range of several optional supplements can be sent.</p> <p>Feature Currently not enabled.</p>
agencyReference	Customers reference (locator) for this booking. Free text.
arrival	<p>Passenger arrival data. Informative. Composed of:</p> <ul style="list-style-type: none"> <li>- <b>date</b> : arrival date</li> <li>- <b>flightNumber</b> : arrival flight number. Composed of: <ul style="list-style-type: none"> <li>-<b>company</b> : airline</li> <li>-<b>fullNumber</b> : flight number in full</li> <li>-<b>number</b> : shrot flight number</li> </ul> </li> <li>- <b>from</b> : flight origin</li> <li>- <b>localTime</b>: not in use</li> <li>- <b>to</b> : flight destination</li> </ul> <p>NOTE: Currently we don't use this data.</p>
basketId	<p>Basket code. An existing XTS basketId or a null value. In case it is not specified, XTS will assign one basketId automatically. The response object returns it in any case.</p> <p>In case it's an "on Request" please don't include any basketId.</p>
closeBasket	<p>Boolean. Values (By default: True):</p> <ul style="list-style-type: none"> <li>- false: this basket is open. Rooms are blocked. It must be closed later with basketHandler confirm method or, either, be canceled with basketHandler cancel method</li> <li>- true: this basket is closed, documentation is sent, hotel receives booking confirmation, invoicing process is started.</li> <li>- true: in case of "on request" boolean. Value ="true"</li> </ul>
comments	<p>A list of several Booking comments can be sent. Informative. Each element composed of:</p> <ul style="list-style-type: none"> <li>- <b>type</b> : comment type. Free text.</li> <li>- <b>text</b> : comment text. Free text.</li> </ul>
Departure	<p>Passenger departure data. Informative. Composed of:</p> <ul style="list-style-type: none"> <li>- <b>date</b> : departure date</li> <li>- <b>flightNumber</b> : departure flight number. Composed of: <ul style="list-style-type: none"> <li>-<b>company</b> : airline</li> <li>-<b>fullNumber</b> : flight number in full</li> <li>-<b>number</b> : short flight number</li> </ul> </li> <li>- <b>from</b> : flight origin</li> <li>- <b>localTime</b>: not in use</li> </ul>

	<ul style="list-style-type: none"> <li>- <b>to</b> : flight destination</li> </ul> <p><b>NOTE: Currently we don't use this data.</b></p>
<b>paxList</b>	<p>Passenger list. Informative. A range of several passengers by room data can be sent. Each element composed of:</p> <ul style="list-style-type: none"> <li>- <b>[paxNames]</b> : a list of several passengers names can be sent. Each element composed of:</li> <li>- <b>roomTypeCode</b> : room type code for the passengers specified above</li> </ul>
<b>sendDocumentationTo</b>	<p>E-mail account where this booking documentation will be sent. If no email is included here, agency email will be used.</p> <p>In case of "onRequest" it's mandatory to provide valid email account where information could be send.</p> <p>Do not use to insert client e-mail. The booking documentation to be send includes agency price, and not client prices.</p>
<b>titular</b> (required)	Lead pax name.
<b>userId</b>	Agency's user code. You can use it as a search param in the getBaskets method

*confirmExtendsV16 Response*

<b>basket</b>	Basket item. General bakset information
<b>basketId</b>	Basket code
<b>cancelled</b>	Cancellation date. Value "0".
<b>closed</b>	Basket closed date
<b>opened</b>	Basket opened date
<b>titular</b>	<b>not in use</b>
<b>cancellationDate</b>	<b>not in use</b>
<b>comments</b>	<p>Comments item. Contains all data needed to specify contract type of the booked hotel and hotel fiscal data</p> <p>Several will be sent. Composed of text and type.</p>
<b>text</b>	Commnent content. Free text, boolean or numeric depending on type
<b>type</b>	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>For all agencies:</b></li> <li>- <b>PVP / Retail price:</b> States if this is a net price o don't.</li> </ul>

		<ul style="list-style-type: none"> <li>-</li> <li>- <b>For net prices agencies:</b></li> <li>-</li> <li>- <b>PVP / Binding retail price amount:</b> Binding retail price amount.</li> <li>-</li> <li>- <b>For commissionable prices agencies:</b></li> <li>-</li> <li>- <b>Sales Commission percent:</b> sales commission percent</li> <li>- <b>Sales Commission amount:</b> sales commission amount.</li> <li>-</li> <li>-</li> <li>- <b>For direct payment prices (Direct Client Payment = true):</b></li> <li>-</li> <li>- <b>Direct Client Payment:</b> in this case, text values = boolean (true or false). If true:</li> <li>-</li> <li>- <b>Commissionable:</b> in this case, text values = boolean (true or false).</li> <li>- <b>Commission Percent:</b> in this case, text values = numeric. If <b>Commissionable</b> = true, this comment will hold the commission percent. For instance: 20.0 (this means a 20% commission)</li> <li>- <b>Fiscal Data- VAT Number:</b> hotel VAT number.</li> <li>- <b>Fiscal Data- Company Name:</b> company name</li> <li>- <b>Fiscal Data- Observations:</b> comments</li> <li>- <b>Fiscal Data- Address- Address1:</b> address data field 1</li> <li>- <b>Fiscal Data- Address- Address2:</b> address data field 2</li> <li>- <b>Fiscal Data- Address- Email:</b> company e-mail</li> <li>- <b>Fiscal Data- Address- Fax:</b> company fax number</li> <li>- <b>Fiscal Data- Address- Name:</b> company address name</li> <li>- <b>Fiscal Data- Address- Postal Code:</b> company postal code</li> <li>- <b>Fiscal Data- Address- Telephone:</b> company telephone number</li> <li>- <b>Fiscal Data- Address- City:</b> company address city</li> <li>-</li> <li>- <b>Special cases:</b></li> <li>-</li> <li>- <b>PVP / Retail price:</b> States if this is a net price or don't.</li> <li>-</li> <li>-</li> </ul> <p>NOTE: all "Fiscal Data-"types are used to send hotel fiscal data.</p>
	text	Your "onRequest" solicitude with basketID XXXXX has been sent to our business agent.
	type	On Request
	commision	not in use
	contractId	not in use
	description	Establishment name
	okDate	Ok date
	pointOfSaleId	Point of sale code
	positionInBasket	Service position in basket
	requestDate	Request date
	serviceId	Service code

status		<p>Status: Value: OK means confirm request received and processed correctly.</p> <p>Status: Value REQUESTED means request is received and in process</p>
total		Total item. Total amount of service
	currencyCode	Currency code
	value	<p>Value. Amount</p> <p>NOTE: all amounts in case of commissionable hotels include the commission. JOL client receives the commission percent and can then calculate any required commission amount.</p>
	commissionSalePercent	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
	commissionSaleValue	Sales commission value. Agency commission. Only for commissionable agencies.
userId		User code. XTS user sent in the confirm request if any.
voucherUrl		not in use
checkin		Check in date
checkout		Check out date
establishmentId		Establishment code
occupations		Occupations item. One per occupancy sent.
	adults	Number of adults
	amount	Amount item. Price for this occupations item
	currencyCode	Currency code
	value	Value. Amount.
	boardTypeCode	Board type code
	boardTypeName	Board type name
	onRequest	<p>True: in case of "on Request"</p> <p>False: only on-line results</p>
	cancellationComments	
	from	Not in use
	to	Not in use



	text	The value itself. See next note.
	type	Comment type. Values: <ul style="list-style-type: none"><li>- "Cancellation term " : cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li><li>- For example: 7 – 5.0% , means cancelling a booking 7 days before checkin date has a 5.0% of total booking amount penalty.</li><li>- <b>Note</b>: it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain "on request" and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li><li>- "Cancellation email " : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li></ul>
children		Number of children
childrenAges		Children ages. One per child
fromDate		Booking from date
numberOfDays		Number of days stay
numberOfRooms		number of rooms
roomTypeCode		Room type code
roomTypeName		Room type name
toDate		Booking to date
comments		Information regarding room prices, [0..N] items.
	from	Not in use
	to	Not in use
	text	The value itself. See next note.
	type	Comment type. Values: <ul style="list-style-type: none"><li>- ERRATA: Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li></ul>
	errataType	Example values: <ul style="list-style-type: none"><li>- CITY TAX: Errata CITY TAX</li><li>- RESORT FEE: Errata RESORT FEE</li><li>- "OTHERS": others errata types description</li></ul>

					Use the method getErrataTypes to obtain all the possible values.
				conditions	Only for errataType CITY TAX or RESORT FEE
				calculationRules	Conditions for applying tax
				currency	Currency code
				duration	Duration. Values : <ul style="list-style-type: none"> <li>- Per day</li> <li>- Per night</li> <li>- Per stay</li> <li>- Per week</li> <li>- Roundtrip</li> <li>- One way</li> </ul>
				maxImport	Maximum import to pay
				maxNights	Maximum number of nights to apply
				scope	Scope. Values : <ul style="list-style-type: none"> <li>- Per adult</li> <li>- Per person</li> <li>- Per room</li> <li>- Per suite</li> <li>- Per apartment</li> <li>- Per house</li> </ul>
				taxIncluded	Tax is included : True or False
				discountsExemptions	Any discount or exemption about tax
				discAmount	Value of discount (case discType = Discount)
				discType	Type of discount. Values : <ul style="list-style-type: none"> <li>- Discount</li> <li>- Exemption : tax don't apply</li> </ul>
				discountFrom	Date from : dd/mm
				discountTo	Date to : dd/mm

				<b>maxAge</b>	Maximum age for applying discount and exceptions
				<b>maxStay</b>	Maximum stay for applying discount and exceptions
				<b>minAge</b>	Minimum age for applying discount and exceptions
				<b>minStay</b>	Minumum stay for applying discount and exceptions
				<b>reason</b>	Reason of discount. Values : <ul style="list-style-type: none"> <li>- Business</li> <li>- Vacation</li> <li>- Senior</li> <li>- Disability</li> <li>- High season</li> <li>- Low season</li> </ul>
				<b>resident</b>	Resident: True or False
				<b>type</b>	Type of value of discAmount. Values : <ul style="list-style-type: none"> <li>- PERCENT</li> <li>- FEE</li> </ul>
				<b>tax</b>	Tax to be applied
				<b>amount</b>	Value of tax
				<b>dateFrom</b>	Date from : dd/mm
				<b>dateTo</b>	Date to : dd/mm
				<b>maxRoomRate</b>	Maximum room price to apply this tax To use in those cases where taxes depends on the room price.
				<b>minRoomRate</b>	Minimum room price to apply this tax To use in those cases where taxes depends on the room price.
				<b>type</b>	Type of value of amount. Values : <ul style="list-style-type: none"> <li>- PERCENT</li> <li>- FEE</li> </ul>
				<b>version</b>	Tax version

***getEstablishmentCategories.***

It returns all available establishment (hotel) categories.

*getEstablishmentCategories Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.

*getEstablishmentCategories Response*

<b>[establishmentCategories]</b>		establishmentCategories item composed of <b>code</b> , <b>group</b> and <b>name</b>
	<b>code</b>	Establishment category code
	<b>group</b>	Establishment category group
	<b>name</b>	Establishment category name

*getEstablishmentCategoryGroup.*

It returns all available establishment (hotel) category groups.

*getEstablishmentCategoryGroup Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.

*getEstablishmentCategoryGroup Response*

<b>[establishmentCategories]</b>		establishmentCategories item composed of <b>code</b> and <b>name</b>
	<b>Code</b>	Establishment category group code
	<b>Name</b>	Establishment category group name. Values: UNO, DOS, TRES, CUATRO, CINCO, VARIOS. Currently not translated, note that: <ul style="list-style-type: none"> <li>- UNO = category group one</li> <li>- DOS = category group two</li> <li>- TRES = category group three</li> <li>- CUATRO = category group four</li> <li>- CINCO = category group five</li> </ul>

		- VARIOS = category group various
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***getEstablishmentDataExtendsV16***

It returns all available establishment (hotel) data: hotel data sheet. District code and name added.

***getEstablishmentDataExtendsV16 Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>establishmentId</b> (required)	Establishment code.
<b>language</b> (required)	Language sent in the response.
<b>onlySelectedLanguage</b>	<p>If true, the response will hide the contents not translated to requested language.</p> <p>If false, the response will show in english the not translated contents.</p>

***getEstablishmentDataExtendsV16 Response***

<b>Address</b>	Address item.
<b>Address</b>	Postal address
<b>cityCode</b>	City code (can be used in <b><i>availableHotelsByMultiQuery</i></b> method)
<b>cityName</b>	City name
<b>countryCode</b>	Country code (no availability search uses this code)
<b>countryName</b>	Country name
<b>districtCode</b>	District code
<b>districtName</b>	District name
<b>email</b>	e-mail
<b>fax</b>	Fax number
<b>name</b>	Postal address
<b>stateCode</b>	State code (no availability search uses this code)
<b>stateName</b>	State name
<b>telephone</b>	Telephone number
<b>zipCode</b>	Postal code
<b>categoryCode</b>	Category code.

categoryName	Category name.
comments	Comments item (same as Erratas). Erratas are required data to be shown to final clients before confirming a booking
text	Comment (errata) text. Includes validity dates.
type	Comment (errata) type. Value: ERRATA
date	Request date
id	Establishment id.
imageGroups	imageGroups item composed of <b>code</b> , <b>images</b> and <b>name</b> .
code	Image group code. <b>not in use</b>
images	Images item composed of <b>date</b> , <b>source</b> and <b>Url</b>
date	Image date
Source	Image source. <b>not in use</b>
url	Image Url
name	Image group name. <b>not in use</b>
latitude	Establishment latitude
longDescription	Establishment longDescription
Longitude	Establishment longitude
Name	Establishment name.
propertiesGroups	Properties groups' item. Composed of <b>code</b> , <b>name</b> and <b>properties</b> .
code	Properties group code
name	Properties group name
properties	Properties item. Composed of <b>code</b> , <b>name</b> and <b>value</b> .
code	Property code
name	Property name
value	Property value. Values: <ul style="list-style-type: none"> <li>- YES if this is a YES/NO property or</li> <li>- Free text.</li> </ul>
shortDescription	Establishment short description.
typeCode	Establishment type code
typeName	Establishment type name

failure	Not in use.
additionalInformation	Additional establishment information.
directions	Additional information regarding establishment address.
locationInformation	Additional information regarding the establishment environment.
roomsInformation	Additional information regarding establishment rooms distribution.
xmlUrl	Not in use.
EstablishmentTypes	Establishment type. Composed of <b>code</b> and <b>name</b>
<b>code</b>	Establishment type code
<b>name</b>	Establishment type name

***getEstablishmentTypes***

It returns all establishment (hotel) types

***getEstablishmentTypes Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.

***getEstablishmentTypes Response***

<b>establishmentTypes</b>	establishmentTypes item. Composed of <b>code</b> and <b>name</b> .
<b>code</b>	Establishment type code
<b>Name</b>	Establishment type name

***getEstablishmentByNameV12***

It returns all establishment (hotel) according search criteria

***getEstablishmentByNameV12 Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
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<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>areaCode</b>	Area code.  NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.
<b>citycode</b>	City code.  NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.
<b>establishmentCategories</b>	One or more category groups.  See getEstablishmentCategoryGroup.
<b>establishmentTypes</b>	One or more type groups.
<b>fromRow</b> (required)	From which row (Hotel) the response will be formed. You can set it at 0, but it is a required parameter.
<b>language</b> (required)	Language sent in the response.
<b>numRows</b> (required)	Number of rows (Hotels) sent by the response.
<b>productCode</b>	Product code.
<b>searchName</b>	Hotel name (or part of it) to be used in this search

*getEstablishmentByNameV12 Response*

<b>fromRow</b>	First row to be included in the response according to the request <b>fromRow</b>
<b>result</b>	result item. An establishment.
<b>categoryName</b>	Category name.
<b>cityName</b>	Establishment City name.
<b>countryName</b>	Establishment country name
<b>establishmentId</b>	Establishment code
<b>establishmentName</b>	Establishment name
<b>address</b>	Establishment Address
<b>latitude</b>	Establishment Latitude
<b>longitude</b>	Establishment Longitude
<b>picture</b>	Always a URL starting "http://images.xtravelsystem.com"
<b>toRow</b>	Last row to be included in the response according to the request <b>toRow</b>
<b>totalRows</b>	Total rows (number of establishments) that verify the request params.

*getBoardTypesV2*

It returns all establishment board types

*getBoardTypesV2 Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.

*getBoardTypesV2 Response*

<b>[boardTypes]</b>	boardtypes item composed of <b>code</b> and <b>name</b>
<b>code</b>	Board type code

id	Boardtype ID
name	Board type name

### AvailableHotelsByMultiQueryV20

As older versions do, this method will return availability and price for selected hotels, according to the search criteria. Several codes can be sent in the same request, even mixed criteria: for example: two cities, one area and three hotels. In this case system will return availability for all product selected by criteria. Possible codes are: area codes, city codes, hotel codes and finally district codes.

In addition to previous versions, this new version of the AvailableHotelsByMultiQuery enables you to get advantage of many prices within the same room type and board type. Now each price comes uniquely identified by a rateplancode and with different price conditions and rates.

The rateplan code defines a price, a roomtype (which belongs to a more generic "room type category"), a boardtype, a list of rates and a set of additional conditions described in rateplan description.

### availableHotelsByMultiQueryV20 Request

agencyCode (required)	Agency code. Unique code for each customer.
brandCode (required)	Brand code. Same code for all methods.
pointOfSaleId (required)	Point of Sale. Same code for all methods.
language (required)	Language sent in the response.
checkin (required)	Check in date.
checkout (required)	Check out date. More than 60 days bookings are not allowed.
occupancies (required)	<p>Range with the requested paxes allotment. Maximum number of occupancies: 3 (occupancies [0], occupancies [1], occupancies [2]). For each occupancies[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>childrenAges</b> (required if <b>children</b> &lt;&gt; 0): <u>Note that a childrenAges parameter is required for each child.</u> Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: for a child 5 years and 4 months old, childrenAges = 5)</li> <li>- NOTE: generally, in XTS contracts: <ul style="list-style-type: none"> <li>- from 0 to 2 years old (childrenAges values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (childrenAges values: 2 to 11): children.</li> <li>- from 12 years old (childrenAges values: from 12): adults.</li> </ul> </li> </ul> </li> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1. <u>Note that total paxes per occupancy is ( children + adults ) * numberOfRooms.</u></li> <li>- <b>roomtypes</b>: <b>Deprecated. -- Do not use --</b></li> </ul>

<b>establishmentName</b>	Hotel name: to filter responses by this value. Only hotels with name matches this value completely or partially will be sent in the response.
<b>boardTypes</b>	Deprecated. -- Do not use --
<b>establishmentCategories</b>	<p>EstablishmentcategoryGroup: to filter responses by this value. A range of establishments can be sent. Values:</p> <ul style="list-style-type: none"> <li>- 1 to 5 (<u>not directly equivalent to hotel stars rating, see notes below</u>)</li> </ul> <p>NOTE: Use <b>getEstablishmentCategoryGroup</b> method to retrieve all available establishment category groups.</p> <p>NOTE: to find relationships between categories and establishment category groups use method <b>getEstablishmentCategories</b>.</p>
<b>establishmentTypes</b>	<p>Hotel types: to filter responses by this value. A range of establishmentTypes can be sent. Values for <b>establishmentTypes[i]</b>:</p> <ul style="list-style-type: none"> <li>-</li> <li>- 1: Generic</li> <li>- 2: Business</li> <li>- Etc.</li> </ul> <p>NOTE: Use <b>getEstablishmentTypes</b> method to retrieve all available establishment types.</p>
<b>includeEstablishmentData</b>	<p>By default: True.</p> <ul style="list-style-type: none"> <li>- true: to include hotel data in response.</li> <li>- false: not to include hotel data in response.</li> </ul>
<b>maxRoomCombinations</b> <b>PerEstablishment</b> (required)	<p>Max number of room combinations (hotel, boardbasis, roomtype, price) in response. Minimum value: 1</p> <p>The XTS development team strongly recommends not to use a high value, so that you get a number of manageable prices.</p>
<b>fromPrice</b> (required)	<p>Minimum booking price to be sent in the response. Minimum value: 0</p> <p>You can set it at 0, but it is a required param.</p>
<b>toPrice</b> (required)	<p>Maximum booking price to be sent in the response. You can set it at 999999, but it is a required parameter.</p>
<b>fromRow</b> (required)	<p>From this row (Hotel) the response will be formed. Minimum value: 0</p>
<b>numRows</b> (required)	<p>Number of rows (Hotels) sent by the response.</p>
<b>onlyOnline</b>	<p>By default: True:</p> <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results</li> </ul>
<b>orderBy</b>	<p>Order results by different criteria. Values:</p> <ul style="list-style-type: none"> <li>- CATEGORY ORDERING,[ASC/DESC]: Order by hotel category.</li> <li>- ESTNAME ORDERING,[ASC/DESC]: Order by hotel name.</li> <li>- ZONE ORDERING,[ASC/DESC]: order by District name.</li> <li>- PRICE ORDERING,[ASC/DESC]: order by price.</li> </ul>

	<p>You can add either “,ASC” or “,DESC” to make ordering ascendent or descendent. Default is ASC.</p>
productCode	<p>Product code. Values for productCode :</p> <ul style="list-style-type: none"> <li>- 1: Generic (the only type now available)</li> </ul> <p>NOTE: Use <b>getProduct</b> method to retrieve all available products.</p>
<p>NOTE: one of the following objects (areaCode, cityCode, establishmentId or districtCode) is required. Not sending any code will return an empty response. You can send several object/codes combinations (for instance: 3 establishmentId's + 2 cityCodes)</p>	
areaCode	<p>Geographic area code.</p> <p>NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.</p> <p>A range of area codes may be sent.</p>
cityCode	<p>City code.</p> <p>NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.</p> <p>An array. A number of city codes may be sent.</p>
establishmentId	<p>establishment code.</p> <p>See establishment related methods to get this code: <b>getEstablishmentData</b> and <b>getEstablishmentsByName</b>.</p> <p>A range of establishment id's may be sent</p>
districtCode	<p>District code.</p> <p>There's a set of suitable district codes for main worldwide cities.</p> <p>See district related method to get this code: getDistricts in CommonsHandler.</p> <p>A range of district codes may be sent</p>
location	<p>Airport location.</p>
airportCode	<p>Airport Code.</p> <p>Note: This code is the XTS airport code, not the IATA nor IACO. To get the XTS airport codes use the method <b>getAirports</b> from <b>CommonsHandler</b>.</p>
AirportType	<p>Airport Type. <b>Not in use</b></p>
zoneId	<p>Airport Zone. <b>Not in use</b></p>

*availableHotelsByMultiQueryV20 Response*

Note that with this new method you will just need to handle rateplancodes instead of roomtype and board type codes in next booking steps. Additionally you don't have to worry about all roomtypes available via JET, but only about room type categories, which are a limited set of.

availableHotels		availableHotels item. Availability response for one hotel. The response object may contain several availableHotels items.
	establishment	Establishment item
	address	Address item.
	address	Postal address
	cityCode	City code.
	cityName	City name
	countryCode	Country code (no availability search uses this code)
	countryName	Country name
	districtCode	District code
	districtName	District name
	email	e-mail
	fax	Fax number
	name	Address name. <b>not in use.</b>
	stateCode	State code (no availability search uses this code)
	stateName	State name
	telephone	Telephone number
	zipCode	Postal code
	categoryCode	Category code.
	categoryName	Category name.
	id	Establishment id.
	imageUrl	Url for the first image of this establishment.
	name	Establishment name.
	shortDescription	Establishment short description. If no shortDescription is available, it returns longDescription.
	weight	Establishment priority. <b>Not in use</b>

comments		
	from	Comment validity date from
	text	Comment text ( value itself ).
	to	Comment validity date to
	type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>PVP / Retail Price:</b> The establishment works with retail prices.</li> <li>- <b>Important Note:</b> You only must to process the following values if <b>Direct Client Payment = true</b>.</li> <li>- <b>Direct Client Payment:</b> in this case, text values = boolean (true or false)</li> <li>- <b>Commissionable:</b> in this case, text values = boolean (true or false)</li> </ul>
moreCombinations		True or false. True meaning that more room combinations are available. A roomCombination = 1 roomtype + 1 boardType + 1 rate.
[roomCombinations]		RoomCombinations item. Contains roomtype – board – price combinations
prices		Prices item. Contains all available rate plans
	boardCategoryCode	<p>Board category code. Values:</p> <ul style="list-style-type: none"> <li>• BB: BED &amp; BREAKFAST</li> <li>• HB: HALF BOARD</li> <li>• FB: FULL BOARD</li> <li>• AI: ALL INCLUSIVE</li> <li>• SC: SELF CATERING</li> <li>• RO: ROOM ONLY</li> </ul>
	boardTypeCode	<p>Board type code.</p> <p>Use the method getBoardTypesV2 to download the full list of boards.</p>
	boardTypeName	Board type name
	offer	True or false. True meaning an offer has been applied to this price
	onRequest	True or false, Normally False if “True” response include on-request results.
	RoomPrices	Room prices item. Prices for one of the rooms
	comments	Information regarding room prices, [0..N] items.

		from	Not in use
		to	Not in use
		text	The value itself. See next note.
		type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>ERRATA</b>: Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li> <li>-</li> <li>- <b>"Cancellation term "</b>: cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>-</li> <li>- For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>-</li> <li>- <b>Note</b>: it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain "on request" and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li> <li>-</li> <li>- <b>"Cancellation email "</b>: email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> <li>-</li> <li>-</li> <li>- <b>"Sales Commission percent"</b>: Comission applied</li> <li>-</li> <li>- <b>"Sales Commission amount"</b>: Amount of the previous percent applied to the room price.</li> <li>-</li> <li>- <b>"PVP/Binding retail price amount "</b>: this element states the binding price for net prices agencies.</li> <li>-</li> </ul>
		errataType	<p>Example values:</p> <ul style="list-style-type: none"> <li>- <b>CITY TAX</b>: Errata CITY TAX</li> <li>-</li> <li>- <b>RESORT FEE</b>: Errata RESORT FEE</li> <li>-</li> <li>- <b>"OTHERS"</b>: others errata types description</li> </ul> <p>Use the method getErrataTypes to obtain all the possible values.</p> <p>-</p>
		conditions	Only for errataType CITY TAX or RESORT FEE
		calculationRules	Conditions for applying tax
		currency	Currency code
		duration	<p>Duration. Values :</p> <ul style="list-style-type: none"> <li>- Per day</li> <li>- Per night</li> </ul>



		<ul style="list-style-type: none"> <li>- Per stay</li> <li>- Per week</li> <li>- Roundtrip</li> <li>- One way</li> </ul>
	maxImport	Maximum import to pay
	maxNights	Maximum number of nights to apply
	scope	Scope. Values : <ul style="list-style-type: none"> <li>- Per adult</li> <li>- Per person</li> <li>- Per room</li> <li>- Per suite</li> <li>- Per apartment</li> <li>- Per house</li> </ul>
	taxIncluded	Tax is included : True or False
	discountsExemptions	Any discount or exemption about tax
	discAmount	Vaue of discount (case discType = Discount)
	discType	Type of discount. Values : <ul style="list-style-type: none"> <li>- Discount</li> <li>- Exemprion : tax don't apply</li> </ul>
	discountFrom	Date from : dd/mm
	discountTo	Date to : dd/mm
	maxAge	Maximum age for applying discount and exceptions
	maxStay	Maximum stay for applying discount and exceptions
	minAge	Minimum age for applying discount and exceptions
	minStay	Minumum stay for applying discount and exceptions
	reason	Reason of discount. Values : <ul style="list-style-type: none"> <li>- Business</li> <li>- Vacation</li> <li>- Senior</li> <li>- Disability</li> <li>- High season</li> </ul>


		Example: DTB:BB:BAR::CLSouwNjMzZDk2MDMtYzhiOC00NDk1LT hiN2YtZTZiNTUzOWY5ZjU1
	typeCategoryCode	Room type category code.
	typeCategoryName	Room type category name.
	rates	List of rates. One or more.
	Rate	Rate Code.
	amount	
	currencyCode	Amount currency code.
	value	Amount value. Total price of the requested services.
	commissionSalePercent	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
	commissionSaleValue	Sales commission value. Agency commission. Only for commissionable agencies.
	offerDescription	List of offer descriptions when offer = true. Informative. One or more
	description	Offer description
	rooms	Rooms item. It contains an occupancy combination.
	adults	Number of adults in this room
	children	Number of children in this room
	priceOfFirstNight	Price of first night. <b>not in use</b>
	quantity	Number of rooms
	typeCode	Room type code
	typeName	Room type name
	typeCategoryCode	Jumbo Tours type category code.
	typeCategoryName	Jumbo Tours type category name.
	fromRow	First row to be included in the response according to the request <b>fromRow</b>
	numRows	Number of rows included in the response
	totalRows	Total rows (number of establishments) that verify the request parameters.

**valuateExtendsV20**

It returns a booking's valuation: price, supplements, cancellation terms, sale commission, on-request response, with Errata "City Tax / Resort Fee" information.

This method doesn't perform the reservation.

This version works with the ratePlanCode instead of boardType and roomType. The ratePlanCode has been included into the availableHotelsByMultiQueryV20 response.

The rateplan code determines a price, a roomtype (which belongs to a more generic "room type category"), a boardtype, a list of rates and a set of additional conditions described in rateplan description.

**valuateExtendsV20 Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date
<b>checkout</b> (required)	Check out date. More than 28 days bookings are not allowed.
<b>establishmentId</b> (required)	Establishment code.
<b>occupancies</b> (required)	<p>Array with pax number for this search. For each occupancy[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>boardTypeCode</b> <b>Deprecated -- Do not use --</b></li> <li>- <b>boardTypeName</b>: <b>Deprecated -- Do not use --.</b></li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>[childrenAges]</b> (required if <b>children</b> &lt;&gt; 0): a childrenAges parameter is required for each child. Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: a child 5 years and 4 months old, childrenAges = 5)</li> </ul> <p>NOTE: generally, in XTS contracts:</p> <ul style="list-style-type: none"> <li>- from 0 to 2 years old (childrenAges values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (childrenAges values: 2 to 11): children.</li> <li>- from 12 years old (childrenAges values: from 12): adults.</li> </ul> </li> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1. <u>Be aware that total paxes per occupancy is ( children + adults ) * numberOfRooms.</u></li> <li>- <b>roomTypeCode</b> <b>Deprecated -- Do not use --</b></li> <li>- <b>roomTypeName</b> <b>Deprecated -- Do not use --</b></li> </ul>

	<ul style="list-style-type: none"> <li>- <b>ratePlanCode</b> (required): ratePlanCode obtained on Availability Response.</li> </ul> <p>Example: DTB:BB:BAR::CLSouwNjMzZDk2MDMtYzhiOC00NDk1LThiN2YtZTZiNTUzOWY5ZjU1</p> <ul style="list-style-type: none"> <li>-</li> </ul>
<b>onlyOnline</b>	<p>By default: True:</p> <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results</li> </ul>
<b>optionalSupplements</b>	<p>A range of several optional supplements can be sent.</p> <p><b>Feature Currently not enabled.</b></p>

*valuateExtendsV20 Response*

Amount		Amount item.	
	currencyCode	Amount currency code	
	Value	Amount value. Total price of the requested params	
	comissionSalePercent	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.	
	commissionSaleValue	Sales commission value. Agency commission. Only for commissionable agencies.	
Commission		not in use	
date		Request date	
lines		Lines item. Composed of several tags. Detail of the price	
	code	Line code. Values: - STY for STAY	
	description	Line description	
	from	From date	
	price	Price item. Valuation price	
		currencyCode	Currency code
		value	Value. Price amount
		commissionSalePercent	Commission sale percent. Use it only as informative item. To avoid rounding mismatches use always the field 'commissionSaleValue'
		commissionSaleValue	Commission sale value. Agency benefit by this service.

	priceType		Price type: per ROOM or per PAX
	quantity		Number of rooms or paxes.
	status		Price status. Values: OK
	to		Booking date to
	total		Price item. Valuation price
		currencyCode	Currency code
		value	Value. Price amount
		commissionSalePercent	Commission sale percent. Use it only as informative item. To avoid rounding mismatches use always the field 'commissionSaleValue'
commissionSaleValue		Commission sale value. Agency benefit by this service.	
remarks			Remarks item. Composed of text and type
	text		Remark text: The pvp retail binding price amount.  Remark text: True / False.  Remark text: Handler name.
	type		Remark type. Value: PVP / Binding retail price amount  Remark type. Value: PVP / Retail Price  Remark type. Value: Handler name
status			not in use
checkIn			Check in date
checkOut			Check out date
establishment			Establishment item composed of several items like address, id, etc.
	address		Address item.
		address	Postal address
		cityCode	City code (can be used in availableHotelsByCityWithErratas method)
		cityName	City name
		countryCode	Country code (no availability search uses this code)
		countryName	Country name
		districtCode	District code

		districtName	District name
		email	e-mail
		fax	Fax number
		name	Postal address. <b>not in use</b>
		stateCode	State code (no availability search uses this code)
		stateName	State name
		telephone	Telephone number
		zipCode	Postal code
	categoryCode		Category code.
	categoryName		Category name.
	id		Establishment code
	imageUrl		<b>not in use</b>
	name		Establishment name
	shortDescription		Establishment short description
	weight		Establishment priority
occupations			Occupations item. One per occupancy sent.
	adults		Number of adults
	amount		Amount item. Price for this occupations item
		currencyCode	Currency code
		value	Value. Amount.
	boardTypeCode		Board type code
	boardTypeName		Board type name
	onlyOnline		True or false, Normally False if “True” response include on-request results.
	cancellationComments		Cancellation comments: cancellation terms.
		from	<b>Not in use</b>
		to	<b>Not in use</b>
		text	The value itself.
		type	Comment type. Values:

		<ul style="list-style-type: none"> <li>- <b>"Cancellation term"</b> : cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>- For example: 7 – 5.0% , means cancelling a booking 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>- <b>Note</b>: it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain "on request" and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li> <li>- <b>"Cancellation email"</b> : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> </ul>
	conditions	Not in use for cancellation terms
	errataType	Not in use for cancellation terms
	children	Number of children
	childrenAges	Children ages. One per children
	fromDate	Booking from date
	numberOfDays	Stay number of days
	numberOfRooms	Number of rooms
	roomTypeCode	Room type code
	roomTypeName	Room type name
	toDate	Booking to date
	onRequest	True if the occupancy is on request.
	description	Rate Plan Description.
	ratePlanCode	<p>This code represents this price uniquely and is needed to perform valuation and confirmation</p> <p>Example: DTB:BB:BAR::CLSouwNjMzZDk2MDMtYzhiOC00NDk1LThiN2YtZTZiNTUzOWY5ZjU1</p>
	rates	List of rates. One or more.
	Rate	Rate Code.
	comments	Information regarding room prices, [0..N] items.
	from	Not in use
	to	Not in use
	text	The value itself. See next note.



		<b>type</b>	Comment type. Values: <ul style="list-style-type: none"><li>- <b>ERRATA</b>: Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li><li>-</li></ul>
		<b>errataType</b>	Example values: <ul style="list-style-type: none"><li>- <b>CITY TAX</b>: Errata CITY TAX</li><li>-</li><li>- <b>RESORT FEE</b>: Errata RESORT FEE</li><li>-</li><li>- <b>"OTHERS"</b>: others errata types description</li></ul> Use the method <code>getErrataTypes</code> to obtain all the possible values. <ul style="list-style-type: none"><li>-</li></ul>
		<b>conditions</b>	Only for errataType CITY TAX or RESORT FEE
		<b>calculationRules</b>	Conditions for applying tax
		<b>currency</b>	Currency code
		<b>duration</b>	Duration. Values : <ul style="list-style-type: none"><li>- Per day</li><li>- Per night</li><li>- Per stay</li><li>- Per week</li><li>- Roundtrip</li><li>- One way</li></ul>
		<b>maxImport</b>	Maximum import to pay
		<b>maxNights</b>	Maximum number of nights to apply
		<b>scope</b>	Scope. Values : <ul style="list-style-type: none"><li>- Per adult</li><li>- Per person</li><li>- Per room</li><li>- Per suite</li></ul>

					<ul style="list-style-type: none"> <li>- Per apartment</li> <li>- Per house</li> </ul>
				taxIncluded	Tax is included : True or False
				discountsExemptions	Any discount or exemption about tax
				discAmount	Value of discount (case discType = Discount)
				discType	Type of discount. Values : <ul style="list-style-type: none"> <li>- Discount</li> <li>- Exemption : tax don't apply</li> </ul>
				discountFrom	Date from : dd/mm
				discountTo	Date to : dd/mm
				maxAge	Maximum age for applying discount and exceptions
				maxStay	Maximum stay for applying discount and exceptions
				minAge	Minimum age for applying discount and exceptions
				minStay	Minimum stay for applying discount and exceptions
				reason	Reason of discount. Values : <ul style="list-style-type: none"> <li>- Business</li> <li>- Vacation</li> <li>- Senior</li> <li>- Disability</li> <li>- High season</li> <li>- Low season</li> </ul>
				resident	Resident: True or False
				type	Type of value of discAmount. Values : <ul style="list-style-type: none"> <li>- PERCENT</li> <li>- FEE</li> </ul>
				tax	Tax to be applied
				amount	Value of tax
				dateFrom	Date from : dd/mm
				dateTo	Date to : dd/mm
				maxRoomRate	Maximum room price to apply this tax

					To use in those cases where taxes depends on the room price.
				minRoomRate	Minimum room price to apply this tax To use in those cases where taxes depends on the room price.
				type	Type of value of amount. Values : - PERCENT - FEE
			version		Tax version
			offerDescription		List of offer descriptions when offer = true. Informative. Zero or more
			description		Offer description

**confirmExtendsV20**

It requests a hotel booking service and returns a confirmation response and a serviceld for this service. This method includes all necessary functionalities for new contract types:

- Commissionable
- Direct payment
- Cancellation terms and sale commission information returned in response.
- Include on-request results
- Include Errata CITY TAX or RESORT FEE information

NOTE: Hotels with regular contracts (net prices) can also be booked with this method.

NOTE: Use the response data obtained from availability method to fill the required parameters. Be aware that if you send different data from the availability response, the confirm method may not work and respond with an error (because, for instance, there is no availability)

This version works with the ratePlanCode instead of boardType and roomType. The ratePlanCode has been included into the availableHotelsByMultiQueryV20 response.

The rateplan code determines a price, a roomtype (which belongs to a more generic "room type category"), a boardtype, a list of rates and a set of additional conditions described in rateplan description.

**confirmExtendsV20 Request**

agencyCode (required)	Agency code. Unique code for each customer.
brandCode (required)	Brand code. Same code for all methods.
pointOfSaleId (required)	Point of Sale. Same code for all methods.
language (required)	Language sent in the response.
checkin (required)	Check in date

<b>checkout</b> (required)	Check out date. More than 28 days bookings are not allowed.
<b>establishmentId</b> (required)	Establishment code.  See establishment related methods to get this code: <b><i>getEstablishmentData</i></b> and <b><i>getEstablishmentsByName</i></b> .
<b>occupancies</b> (required)	<p>Array with pax number for this search. For each occupancy[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>boardTypeCode</b> <b>Deprecated -- Do not use --</b></li> <li>- <b>boardTypeName</b>: <b>Deprecated -- Do not use --</b>.</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>[childrenAges]</b> (required if <b>children</b> &lt;&gt; 0): a <b>childrenAges</b> parameter is required for each child. Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: for a child of 5 years and 4 months, <b>childrenAges</b> = 5)</li> </ul> </li> </ul> <p>NOTE: generally, in XTS contracts:</p> <ul style="list-style-type: none"> <li>- from 0 to 2 years old (<b>childrenAges</b> values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (<b>childrenAges</b> values: 2 to 11): children.</li> <li>- from 12 years old (<b>childrenAges</b> values: from 12): adults.</li> </ul> <ul style="list-style-type: none"> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1.</li> <li>- <b>roomTypeCode</b> <b>Deprecated -- Do not use --</b></li> <li>- <b>roomTypeName</b> <b>Deprecated -- Do not use --</b></li> <li>- <b>ratePlanCode</b> (required): <b>ratePlanCode</b> obtained on Availability Response.</li> </ul> <p>Example:</p> <ul style="list-style-type: none"> <li>- DTB:BB:BAR::CLSouwNjMzZDk2MDMtYzhiOC00NDk1LT hiN2YtZTZiNTUzOWY5ZjU1</li> </ul>
<b>onlyOnline</b>	By default: True: <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results</li> </ul>
<b>optionalSupplements</b>	A range of several optional supplements can be sent.  <b>Feature Currently not enabled.</b>
<b>agencyReference</b>	Customers reference (locator) for this booking. Free text.
<b>arrival</b>	<p>Passenger arrival data. Informative. Composed of:</p> <ul style="list-style-type: none"> <li>- <b>date</b> : arrival date</li> <li>- <b>flightNumber</b> : arrival flight number. Composed of: <ul style="list-style-type: none"> <li>- <b>company</b> : airline</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>-fullNumber : flight number in full</li> <li>-number : shrot flight number</li> <li>- from : flight origin</li> <li>- localTime: not in use</li> <li>- to : flight destination</li> </ul> <p>NOTE: Currently we don't use this data.</p>
basketId	<p>Basket code. An existing XTS basketId or a null value. In case it is not specified, XTS will assign one basketId automatically. The response object returns it in any case.</p> <p>In case it's an "on Request" please don't include any basketId.</p>
closeBasket	<p>Boolean. Values (By default: True):</p> <ul style="list-style-type: none"> <li>- false: this basket is open. Rooms are blocked. It must be closed later with basketHandler confirm method or, either, be canceled with basketHandler cancel method</li> <li>- true: this basket is closed, documentation is sent, hotel receives booking confirmation, invoicing process is started.</li> <li>- true: in case of "on request" boolean. Value ="true"</li> </ul>
comments	<p>A list of several Booking comments can be sent. Informative. Each element composed of:</p> <ul style="list-style-type: none"> <li>- type : comment type. Free text.</li> <li>- text : comment text. Free text.</li> </ul>
Departure	<p>Passenger departure data. Informative. Composed of:</p> <ul style="list-style-type: none"> <li>- date : departure date</li> <li>- flightNumber : departure flight number. Composed of: <ul style="list-style-type: none"> <li>-company : airline</li> <li>-fullNumber : flight number in full</li> <li>-number : short flight number</li> </ul> </li> <li>- from : flight origin</li> <li>- localTime: not in use</li> <li>- to : flight destination</li> </ul> <p>NOTE: Currently we don't use this data.</p>
paxList	<p>Passenger list. Informative. A range of several passengers by room data can be sent. Each element composed of:</p> <ul style="list-style-type: none"> <li>- [paxNames] : a list of several passengers names can be sent. Each element composed of:</li> <li>- roomTypeCode : room type code for the passengers specified above</li> </ul>

<b>sendDocumentationTo</b>	E-mail account where this booking documentation will be sent. If no email is included here, agency email will be used.  In case of "onRequest" it's mandatory to provide valid email account where information could be send.  Do not use to insert client e-mail. The booking documentation to be send includes agency price, and not client prices.
<b>titular</b> (required)	Lead pax name.
<b>userId</b>	Agency's user code. You can use it as a search param in the getBaskets method

*confirmExtendsV20 Response*

<b>basket</b>	Basket item. General bakset information
<b>basketId</b>	Basket code
<b>cancelled</b>	Cancellation date. Value "0".
<b>closed</b>	Basket closed date
<b>opened</b>	Basket opened date
<b>titular</b>	not in use
<b>cancellationDate</b>	not in use
<b>comments</b>	Comments item. Contains all data needed to specify contract type of the booked hotel and hotel fiscal data  Several will be sent. Composed of text and type.
<b>text</b>	Commnent content. Free text, boolean or numeric depending on type
<b>type</b>	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>For all agencies:</b></li> <li>- <b>PVP / Retail price:</b> States if this is a net price o don't.</li> <li>- <b>For net prices agencies:</b></li> <li>- <b>PVP / Binding retail price amount:</b> Binding retail price amount.</li> <li>- <b>For commissionable prices agencies:</b></li> <li>- <b>Sales Commission percent:</b> sales commission percent</li> <li>- <b>Sales Commission amount:</b> sales commission amount.</li> <li>- <b>For direct payment prices</b> (Direct Client Payment = true):</li> </ul>

		<ul style="list-style-type: none"> <li>- <b>Direct Client Payment:</b> in this case, text values = boolean (true or false). If true:</li> <li>-</li> <li>- <b>Commissionable:</b> in this case, text values = boolean (true or false).</li> <li>- <b>Commission Percent:</b> in this case, text values = numeric. If <b>Commissionable</b> = true, this comment will hold the commission percent. For instance: 20.0 (this means a 20% commission)</li> <li>- <b>Fiscal Data- VAT Number:</b> hotel VAT number.</li> <li>- <b>Fiscal Data- Company Name:</b> company name</li> <li>- <b>Fiscal Data- Observations:</b> comments</li> <li>- <b>Fiscal Data- Address- Address1:</b> address data field 1</li> <li>- <b>Fiscal Data- Address- Address2:</b> address data field 2</li> <li>- <b>Fiscal Data- Address- Email:</b> company e-mail</li> <li>- <b>Fiscal Data- Address- Fax:</b> company fax number</li> <li>- <b>Fiscal Data- Address- Name:</b> company address name</li> <li>- <b>Fiscal Data- Address- Postal Code:</b> company postal code</li> <li>- <b>Fiscal Data- Address- Telephone:</b> company telephone number</li> <li>- <b>Fiscal Data- Address- City:</b> company address city</li> <li>-</li> <li>- <b>Special cases:</b></li> <li>-</li> <li>- <b>PVP / Retail price:</b> States if this is a net price or don't.</li> <li>-</li> </ul> <p>NOTE: all "Fiscal Data-"types are used to send hotel fiscal data.</p>
	text	Your "onRequest" solicitude with basketID XXXXX has been sent to our business agent.
	type	On Request
	commision	not in use
	contractId	not in use
	description	Establishment name
	okDate	Ok date
	pointOfSaleId	Point of sale code
	positionInBasket	Service position in basket
	requestDate	Request date
	serviceId	Service code
	status	<p>Value: CLOSED means confirm request received and processed correctly.</p> <p>Value OPEN means request is received and the booking needs to be confirmed by the client. See the confirm method on the Basket Handler.</p>
	total	Total item. Total amount of service
	currencyCode	Currency code

	value		Value. Amount  NOTE: all amounts in case of commissionable hotels include the commission. JOL client receives the commission percent and can then calculate any required commission amount.
	commissionSalePercent		Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
	commissionSaleValue		Sales commission value. Agency commission. Only for commissionable agencies.
userId			User code. XTS user sent in the confirm request if any.
voucherUrl			not in use
checkin			Check in date
checkout			Check out date
establishmentId			Establishment code
occupations			Occupations item. One per occupancy sent.
	adults		Number of adults
	amount		Amount item. Price for this occupations item
		currencyCode	Currency code
		value	Value. Amount.
	boardTypeCode		Board type code
	boardTypeName		Board type name
	onRequest		True: in case of “on Request”  False: only on-line results
	cancellationComments		
		from	Not in use
		to	Not in use
		text	The value itself. See next note.
		type	Comment type. Values: <ul style="list-style-type: none"><li>- “ Cancellation term “ : cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li><li>- For example: 7 – 5.0% , means cancelling a booking 7 days before checkin date has a 5.0% of total booking amount penalty.</li></ul>



		<ul style="list-style-type: none"> <li>- <b>Note:</b> it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain "on request"</u> and it is not confirmed. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li> <li>- " <b>Cancellation email</b> " : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> <li>-</li> </ul>
	children	Number of children
	childrenAges	Children ages. One per child
	fromDate	Booking from date
	numberOfDays	Number of days stay
	numberOfRooms	number of rooms
	roomTypeCode	Room type code
	roomTypeName	Room type name
	toDate	Booking to date
	typeName	Board type name
	description	Rate Plan Description.
	ratePlanCode	<p>It contains a string of values to identify the core code of the availability, and a tracking ID.</p> <p>Core code is built from three codes:</p> <ul style="list-style-type: none"> <li>- Room Type</li> <li>- Board Type</li> <li>- Rate Plan (zero, one or two)</li> </ul> <p>Tracking ID allows to trace the transactions from availability to booking.</p> <p>Example:</p> <p>DTB:BB:BAR::CLSouwNjMzZDk2MDMtYzhiOC00NDk1LThiN2YtZTZiNTUzOWY5ZjU1</p>
	rates	List of rates. One or more.
	Rate	Rate code.
	comments	Information regarding room prices, [0..N] items.
	from	Not in use
	to	Not in use
	text	The value itself. See next note.

			<b>type</b>	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>ERRATA</b>: Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li> </ul>
			<b>errataType</b>	<p>Example values:</p> <ul style="list-style-type: none"> <li>- <b>CITY TAX</b>: Errata CITY TAX</li> <li>- <b>RESORT FEE</b>: Errata RESORT FEE</li> <li>- <b>"OTHERS"</b>: others errata types description</li> </ul> <p>Use the method <code>getErrataTypes</code> to obtain all the possible values.</p>
			<b>conditions</b>	Only for errataType CITY TAX or RESORT FEE
			<b>calculationRules</b>	Conditions for applying tax
			<b>currency</b>	Currency code
			<b>duration</b>	<p>Duration. Values :</p> <ul style="list-style-type: none"> <li>- Per day</li> <li>- Per night</li> <li>- Per stay</li> <li>- Per week</li> <li>- Roundtrip</li> <li>- One way</li> </ul>
			<b>maxImport</b>	Maximum import to pay
			<b>maxNights</b>	Maximum number of nights to apply
			<b>scope</b>	<p>Scope. Values :</p> <ul style="list-style-type: none"> <li>- Per adult</li> <li>- Per person</li> <li>- Per room</li> <li>- Per suite</li> <li>- Per apartment</li> <li>- Per house</li> </ul>
			<b>taxIncluded</b>	Tax is included : True or False

discountsExemptions		Any discount or exemption about tax
	discAmount	Vaue of discount (case discType = Discount)
	discType	Type of discount. Values : <ul style="list-style-type: none"> <li>- Discount</li> <li>- Exemprion : tax don't apply</li> </ul>
	discountFrom	Date from : dd/mm
	discountTo	Date to : dd/mm
	maxAge	Maximum age for applying discount and exceptions
	maxStay	Maximum stay for applying discount and exceptions
	minAge	Minimum age for applying discount and exceptions
	minStay	Minumum stay for applying discount and exceptions
	reason	Reason of discount. Values : <ul style="list-style-type: none"> <li>- Business</li> <li>- Vacation</li> <li>- Senior</li> <li>- Disability</li> <li>- High season</li> <li>- Low season</li> </ul>
	resident	Resident: True or False
	type	Type of value of discAmount. Values : <ul style="list-style-type: none"> <li>- PERCENT</li> <li>- FEE</li> </ul>
tax		Tax to be applied
	amount	Value of tax
	dateFrom	Date from : dd/mm
	dateTo	Date to : dd/mm
	maxRoomRate	Maximum room price to apply this tax To use in those cases where taxes depends on the room price.
	minRoomRate	Minimum room price to apply this tax To use in those cases where taxes depends on the room price.

				<b>type</b>	Type of value of amount. Values : - PERCENT - FEE
				<b>version</b>	Tax version

### AvailableHotelsByMultiQueryV21

This method will return availability and price for selected hotels, according to the search criteria. Several codes can be sent in the same request, even mixed criteria: for example: two cities, one area, three hotels and one district. In this case system will return availability for all product selected by criteria. Possible codes are: area codes, city codes, hotel codes and district codes.

Each price comes uniquely identified by a rateplancode and with different conditions and rates. The rateplan code defines a price, a roomtype (which belongs to a more generic "room type category"), a boardtype, a list of rates and a set of additional conditions described in rateplan description.

This version works with the new login, where our client can choose between the well known login and a new login with a country basis. Right now, our clients could work with a unique client code, and then they should inform us the country where the final client is connecting from, and (optionally, and if known) the nationality of the final client.

### availableHotelsByMultiQueryV21 Request

<b>agencyCode</b>	Agency code. Unique code for each customer. To be filled always with brandCode and pointOfSaleId
<b>brandCode</b>	Brand code. Same code for all methods. To be filled always with agencyCode and pointOfSaleId.
<b>pointOfSaleId</b>	Point of Sale. Same code for all methods. To be filled always with agencyCode and brandCode.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date.
<b>checkout</b> (required)	Check out date. More than 60 days bookings are not allowed.
<b>occupancies</b> (required)	Range with the requested paxes allotment. Maximum number of occupancies: 3 (occupancies [0], occupancies [1], occupancies [2]). For each occupancies[i]:  - <b>adults</b> (required): number of adult pax, minimum value: 1  - <b>children</b> (required): number of children pax, minimum value: 0  - <b>childrenAges</b> (required if <b>children</b> <> 0): <u>Note that a childrenAges parameter is required for each child.</u> This value is used to valuate the booking. Values:  - 0 to 16: (example: for a child 5 years and 4 months old, childrenAges = 5)  - NOTE: generally, in XTS contracts:

	<ul style="list-style-type: none"> <li>- from 0 to 2 years old (childrenAges values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (childrenAges values: 2 to 11): children.</li> <li>- from 12 years old (childrenAges values: from 12): adults.</li> </ul> <p>Generally but not always. The children ages range is defined by each hotel.</p> <p>XTS can change the pax type accordingly with the ages range defined by hotel.</p> <ul style="list-style-type: none"> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1. <u>Note that total paxes per occupancy is ( children + adults ) * numberOfRooms.</u></li> <li>- For more than 1 room with children, all the childrenAges must be informed.</li> <li>- 2 rooms with 2AD and 1CH should inform two childrenAges into the occupancies.</li> </ul>
<b>establishmentName</b>	Hotel name: to filter responses by this value. Only hotels with name matches this value completely or partially will be sent in the response.
<b>establishmentCategories</b>	<p>EstablishmentcategoryGroup: to filter responses by this value. A range of establishments can be sent. Values: 1 to 5 (<u>not directly equivalent to hotel stars rating, see notes below</u>)</p> <p>NOTE: Use <b>getEstablishmentCategoryGroup</b> method to retrieve all available establishment category groups.</p> <p>NOTE: to find relationships between categories and establishment category groups use method <b>getEstablishmentCategories</b>.</p>
<b>establishmentTypes</b>	<p>Hotel types: to filter responses by this value. A range of establishmentTypes can be sent. Values for <b>establishmentTypes[i]</b>:</p> <ul style="list-style-type: none"> <li>-</li> <li>- 1: Generic</li> <li>- 2: Business</li> <li>- Etc.</li> </ul> <p>NOTE: Use <b>getEstablishmentTypes</b> method to retrieve all available establishment types.</p>
<b>includeEstablishmentData</b>	<p>Default value: true.</p> <ul style="list-style-type: none"> <li>- true: to include hotel data in response.</li> <li>- false: not to include hotel data in response.</li> </ul>
<b>maxRoomCombinations</b> <b>PerEstablishment</b> (required)	<p>Max number of room combinations (hotel, boardbasis, roomtype, price) in response. Minimum value: 1</p> <p>Recommended value=100</p>
<b>fromPrice</b> (required)	<p>Minimum booking price to be sent in the response. Minimum value: 0</p> <p>You can set it at 0, but it is a required param.</p>

<b>toPrice</b> (required)	Maximum booking price to be sent in the response. You can set it at 999999, but it is a required parameter.
<b>fromRow</b> (required)	From this row (Hotel) the response will be formed. Minimum value: 0
<b>numRows</b> (required)	Number of rows (Hotels) sent by the response.
<b>onlyOnline</b>	By default: True: <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results</li> </ul>
<b>orderBy</b>	Order results by different criteria. Values: <ul style="list-style-type: none"> <li>- CATEGORY ORDERING,[ASC/DESC]: Order by hotel category.</li> <li>- ESTNAME ORDERING,[ASC/DESC]: Order by hotel name.</li> <li>- ZONE ORDERING,[ASC/DESC]: order by District name.</li> <li>- PRICE ORDERING,[ASC/DESC]: order by price.</li> </ul> <p>You can add either “,ASC” or “,DESC” to make ordering ascendent or descendent. Default is ASC.</p>
<p>NOTE: one of the following objects (areaCode, cityCode, establishmentId, districtCode or coordinates) is required. Not sending any code will return an error response FAULT5.</p> <p>You can send several object/codes combinations (for instance: 3 establishmentId's + 2 cityCodes)</p>	
<b>rateCode</b>	<p>Zero or more repetitions.</p> <p>If not filled, all the available rates will be obtained.</p> <p>Use this tag to filter the rates. Available rates can be asked using <b>getRatesV21</b>.</p>
<b>areaCode</b>	<p>Geographic area code.</p> <p>NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.</p> <p>A range of areacode tags may be sent. Only a value for each tag.</p>
<b>cityCode</b>	<p>City code.</p> <p>NOTE: See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.</p> <p>A number of cityCode tags may be sent. Only a value for each tag.</p>
<b>establishmentId</b>	<p>Establishment code.</p> <p>See establishment related methods to get this code: <b>getEstablishmentData</b> and <b>getEstablishmentsByName</b>.</p> <p>A range of establishmentID tags may be sent. Only a value for each tag.</p>
<b>districtCode</b>	District code.

		<p>There's a set of suitable district codes for main worldwide cities.</p> <p>See district related method to get this code: <b>getDistricts</b> in CommonsHandler.</p> <p>A range of districtCode tags may be sent. Only a value for each tag.</p>
	<b>extendedLogin</b>	If known, you can inform the connection origin country, and the main nationality of the pax.
	<b>loginCountry</b>	<p>Country code. ISO alfa-2: ES, DE, UK, US,...</p> <p>To be filled always with mainNationality and channel.</p> <p>Country where the connection is made from.</p>
	<b>mainNationality</b>	<p>Country code. ISO alfa-2: ES, DE, UK, US,...</p> <p>To inform the main nationality of pax, if it is known. If it is unknown, fill with the same value than country.</p> <p>To be filled always with country and channel.</p> <p>It will be used to choose the credentials with a higher priority than country. It means that if the mainNationality has a different value than country, mainNationality will be the country used to select the credentials which client will connect to XTS.</p>
	<b>channel</b>	<p>Values: B2B, B2C</p> <p>To be filled always with mainNationality and country.</p>

*availableHotelsByMultiQueryV21 Response*

Note that with this new method you will just need to handle rate plan codes instead of roomtype and board type codes in next booking steps. Additionally you don't have to worry about all roomtypes available via XTRAVELSYSTEM, but only about room type categories, which are a limited set of.

The response is similar to availabilityHotelsByMultiQueryV20.

availableHotels		availableHotels item. Availability response for one hotel. The response object may contain several availableHotels items.
	establishment	Establishment item
	address	Address item.
	address	Postal address
	cityCode	City code.
	cityName	City name
	countryCode	Country code (no availability search uses this code)
	countryName	Country name
	districtCode	District code
	districtName	District name
	email	e-mail
	fax	Fax number
	name	Address name. <b>not in use.</b>
	stateCode	State code (no availability search uses this code)
	stateName	State name
	telephone	Telephone number
	zipCode	Postal code
	categoryCode	Category code.
	categoryName	Category name.
	id	Establishment id.
	imageUrl	Url for the first image of this establishment.
	name	Establishment name.
	shortDescription	Establishment short description. If no shortDescription is available, it returns longDescription.



weight	Establishment priority. <b>Not in use</b>
comments	
from	Comment validity date from
text	Comment text ( value itself ).
to	Comment validity date to
type	Comment type. Values: <ul style="list-style-type: none"> <li>- <b>PVP / Retail Price:</b> The establishment works with retail prices.</li> <li>- <b>Important Note:</b> You only must to process the following values if <b>Direct Client Payment = true</b>.</li> <li>- <b>Direct Client Payment:</b> in this case, text values = boolean (true or false)</li> <li>- <b>Commissionable:</b> in this case, text values = boolean (true or false)</li> <li>-</li> </ul>
moreCombinations	True or false. True meaning that more room combinations are available. A roomCombination = 1 roomtype + 1 boardType + <b>1 rate</b> .
[roomCombinations]	RoomCombinations item. Contains roomtype – board – price combinations
prices	Prices item. Contains all available rate plans
boardCategoryCode	Board category code. Values: <ul style="list-style-type: none"> <li>• BB: BED &amp; BREAKFAST</li> <li>• HB: HALF BOARD</li> <li>• FB: FULL BOARD</li> <li>• AI: ALL INCLUSIVE</li> <li>• SC: SELF CATERING</li> <li>• RO: ROOM ONLY</li> </ul>
boardTypeCode	Board type code.  Use the method getBoardTypesV2 to download the full list of boards.
boardTypeName	Board type name
offer	True or false. True meaning an offer has been applied to this price
onRequest	True or false, Normally False if “True” response include on-request results.
RoomPrices	Room prices item. Prices for one of the rooms

comments		Information regarding room prices, [0..N] items.
	from	Not in use
	to	Not in use
	text	The value itself. See next note.
	type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>ERRATA</b>: Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li> <li>- " <b>Cancellation term</b> ": cancellation terms by <u>occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>- For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>- <b>Note</b>: it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain "on request" and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li> <li>- " <b>Cancellation email</b> " : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> <li>- " <b>Sales Commission percent</b> " : Comission applied</li> <li>- " <b>Sales Commission amount</b> " : Amount of the previous percent applied to the room price.</li> <li>- " <b>PVP/Binding retail price amount</b> " : this element states the binding price for net prices agencies.</li> </ul>
errataType		<p>Example values:</p> <ul style="list-style-type: none"> <li>- <b>CITY TAX</b>: Errata CITY TAX</li> <li>- <b>RESORT FEE</b>: Errata RESORT FEE</li> <li>- " <b>OTHERS</b> ": others errata types description</li> </ul> <p>Use the method getErrataTypes to obtain all the possible values.</p>
conditions		Only for errataType CITY TAX or RESORT FEE
calculationRules		Conditions for applying tax
	currency	Currency code
	duration	<p>Duration. Values :</p> <ul style="list-style-type: none"> <li>- Per day</li> </ul>

		<ul style="list-style-type: none"> <li>- Per night</li> <li>- Per stay</li> <li>- Per week</li> <li>- Roundtrip</li> <li>- One way</li> </ul>
	maxImport	Maximum import to pay
	maxNights	Maximum number of nights to apply
	scope	Scope. Values : <ul style="list-style-type: none"> <li>- Per adult</li> <li>- Per person</li> <li>- Per room</li> <li>- Per suite</li> <li>- Per apartment</li> <li>- Per house</li> </ul>
	taxIncluded	Tax is included : True or False
	discountsExemptions	Any discount or exemption about tax
	discAmount	Vaue of discount (case discType = Discount)
	discType	Type of discount. Values : <ul style="list-style-type: none"> <li>- Discount</li> <li>- Exemprion : tax don't apply</li> </ul>
	discountFrom	Date from : dd/mm
	discountTo	Date to : dd/mm
	maxAge	Maximum age for applying discount and exceptions
	maxStay	Maximum stay for applying discount and exceptions
	minAge	Minimum age for applying discount and exceptions
	minStay	Minumum stay for applying discount and exceptions
	reason	Reason of discount. Values : <ul style="list-style-type: none"> <li>- Business</li> <li>- Vacation</li> <li>- Senior</li> <li>- Disability</li> </ul>


		Example: DTB:BB:BAR::CLSouwNjMzZDk2MDMtYzhiOC00NDk1LT hiN2YtZTZiNTUzOWY5ZjU1
	typeCategoryCode	Room type category code.
	typeCategoryName	Room type category name.
	rates	List of rates. One or more.
	Rate	Rate Code.
	amount	
	currencyCode	Amount currency code.
	value	Amount value. Total price of the requested services.
	commissionSalePercent	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
	commissionSaleValue	Sales commission value. Agency commission. Only for commissionable agencies.
	offerDescription	List of offer descriptions when offer = true. Informative. One or more
	description	Offer description
	rooms	Rooms item. It contains an occupancy combination.
	adults	Number of adults in this room
	children	Number of children in this room
	priceOfFirstNight	Price of first night. <b>not in use</b>
	quantity	Number of rooms
	typeCode	Room type code
	typeName	Room type name
	typeCategoryCode	Jumbo Tours type category code.
	typeCategoryName	Jumbo Tours type category name.
	fromRow	First row to be included in the response according to the request <b>fromRow</b>
	numRows	Number of rows included in the response
	totalRows	Total rows (number of establishments) that verify the request parameters.

**valuateExtendsV21**

We strongly recommend execute a valuateExtendsV21 before confirming a booking. This is a way to confirm some critical booking data as cancellation terms or final price.

This method doesn't perform the reservation.

This version works with the ratePlanCode instead of boardType and roomType. The ratePlanCode has been included into the availableHotelsByMultiQueryV21 response.

The rate plan code determines a price, a roomtype (which belongs to a more generic "room type category"), a boardtype, a list of rates and a set of additional conditions described in rateplan description.

**valuateExtendsV21 Request**

<b>agencyCode</b>	Agency code. Unique code for each customer. To be filled always with brandCode and pointOfSaleId
<b>brandCode</b>	Brand code. Same code for all methods. To be filled always with agencyCode and pointOfSaleId.
<b>pointOfSaleId</b>	Point of Sale. Same code for all methods. To be filled always with agencyCode and brandCode.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date
<b>checkout</b> (required)	Check out date. More than 28 days bookings are not allowed.
<b>establishmentId</b> (required)	Establishment code.
<b>occupancies</b> (required)	<p>Array with pax number for this search. For each occupancy[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>[childrenAges]</b> (required if <b>children</b> &lt;&gt; 0): a childrenAges parameter is required for each child. Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: a child 5 years and 4 months old, childrenAges = 5)</li> </ul> </li> </ul> <p>NOTE: generally BUT NOT ALWAYS, in XTS contracts:</p> <ul style="list-style-type: none"> <li>- from 0 to 2 years old (childrenAges values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (childrenAges values: 2 to 11): children.</li> <li>- from 12 years old (childrenAges values: from 12): adults.</li> </ul> <ul style="list-style-type: none"> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1. <u>Be aware that total paxes per occupancy is ( children + adults ) * numberOfRooms.</u></li> </ul>

		<ul style="list-style-type: none"> <li>- <b>ratePlanCode</b> (required): ratePlanCode obtained on Availability Response.</li> </ul> <p>Example: DTB:BB:BAR::CLSouwNjMzZDk2MDMtYzhiOC00NDk1LTThiN2YtZTZiNTUzOWY5ZjU1</p> <ul style="list-style-type: none"> <li>-</li> </ul>
	<b>onlyOnline</b>	<p>By default: True:</p> <ul style="list-style-type: none"> <li>- true: only on-line results</li> <li>- false: include on-request results</li> </ul>
	<b>extendedLogin</b>	If known, you can inform the connection origin country, and the main nationality of the pax.
	<b>loginCountry</b>	Country code. ISO alfa-2: ES, DE, UK, US,... To be filled always with mainNationality and channel. Country where the connection is made from.
	<b>mainNationality</b>	Country code. ISO alfa-2: ES, DE, UK, US,... To inform the main nationality of pax, if it is known. If it is unknown, fill with the same value than country. To be filled always with country and channel. It will be used to choose the credentials with a higher priority than country. It means that if the mainNationality has a different value than country, mainNationality will be the country used to select the credentials which client will connect to XTS.
	<b>channel</b>	Values: B2B, B2C To be filled always with mainNationality and country.

*valuateExtendsV21 Response*

It is similar to valuateExtendsV20 response.

<b>Amount</b>		Amount item.
	<b>currencyCode</b>	Amount currency code
	<b>Value</b>	Amount value. Total price of the requested params
	<b>comissionSalePercent</b>	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
	<b>commissionSaleValue</b>	Sales commission value. Agency commission. Only for commissionable agencies.
<b>Commission</b>		<b>not in use</b>
<b>date</b>		Request date
<b>lines</b>		Lines item. Composed of several tags. Detail of the price
	<b>code</b>	Line code. Values: - STY for STAY

	description		Line description	
	from		From date	
	price		Price item. Valuation price	
		currencyCode	Currency code	
		value	Value. Price amount	
		commissionSalePercent	Commission sale percent. Use it only as informative item. To avoid rounding mismatches use always the field 'commissionSaleValue'	
		commissionSaleValue	Commission sale value. Agency benefit by this service.	
	priceType		Price type: per ROOM or per PAX	
	quantity		Number of rooms or paxes.	
	status		Price status. Values: OK	
	to		Booking date to	
	total		Price item. Valuation price	
		currencyCode	Currency code	
		value	Value. Price amount	
		commissionSalePercent	Commission sale percent. Use it only as informative item. To avoid rounding mismatches use always the field 'commissionSaleValue'	
		commissionSaleValue	Commission sale value. Agency benefit by this service.	
	remarks			Remarks item. Composed of <b>text</b> and <b>type</b>
		text	Remark text: The pvp retail binding price amount.  Remark text: True / False.  Remark text: Handler name.	
		type	Remark type. Value: PVP / Binding retail price amount  Remark type. Value: PVP / Retail Price  Remark type. Value: Handler name	
status			<b>not in use</b>	
checkIn			Check in date	
checkOut			Check out date	
establishment			Establishment item composed of several items like <b>address</b> , <b>id</b> , etc.	



	address		Address item.
		address	Postal address
		cityCode	City code (can be used in <i><b>availableHotelsByCityWithErratas</b></i> method)
		cityName	City name
		countryCode	Country code (no availability search uses this code)
		countryName	Country name
		districtCode	District code
		districtName	District name
		email	e-mail
		fax	Fax number
		name	Postal address. <b>not in use</b>
		stateCode	State code (no availability search uses this code)
		stateName	State name
		telephone	Telephone number
		zipCode	Postal code
	categoryCode		Category code.
	categoryName		Category name.
	id		Establishment code
	imageUrl		<b>not in use</b>
	name		Establishment name
	shortDescription		Establishment short description
weight		Establishment priority	
occupations			Occupations item. One per occupancy sent.
	adults		Number of adults
	amount		Amount item. Price for this occupations item
		currencyCode	Currency code
		value	Value. Amount.
	boardTypeCode		Board type code

boardTypeName		Board type name
onlyOnline		True or false, Normally False if “True” response include on-request results.
cancellationComments		Cancellation comments: cancellation terms.
	from	Not in use
	to	Not in use
	text	The value itself.
	type	Comment type. Values: <ul style="list-style-type: none"><li>- “ <b>Cancellation term</b> “ : cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li><li>- For example: 7 – 5.0% , means cancelling a booking 7 days before checkin date has a 5.0% of total booking amount penalty.</li><li>- <b>Note</b>: it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request” and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</li><li>- “ <b>Cancellation email</b> “ : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li></ul>
	conditions	Not in use for cancellation terms
	errataType	Not in use for cancellation terms
children		Number of children
childrenAges		Children ages. One per children
fromDate		Booking from date
numberOfDays		Stay number of days
numberOfRooms		Number of rooms
roomTypeCode		Room type code
roomTypeName		Room type name
toDate		Booking to date
onRequest		True if the occupancy is on request.
description		Rate Plan Description.
ratePlanCode		This code represents this price uniquely and is needed to perform valuation and confirmation

			Example: DTB:BB:BAR::CLSouwNjMzZDk2MDMtYzhiOC00NDk1LThiN2YtZTZiNTUzOWY5ZjU1
		rates	List of rates. One or more.
		Rate	Rate Code.
		comments	Information regarding room prices, [0..N] items.
		from	Not in use
		to	Not in use
		text	The value itself. See next note.
		type	Comment type. Values: <ul style="list-style-type: none"> <li>- <b>ERRATA</b>: Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li> <li>-</li> </ul>
		errataType	Example values: <ul style="list-style-type: none"> <li>- <b>CITY TAX</b>: Errata CITY TAX</li> <li>-</li> <li>- <b>RESORT FEE</b>: Errata RESORT FEE</li> <li>-</li> <li>- <b>"OTHERS"</b>: others errata types description</li> </ul> Use the method getErrataTypes to obtain all the possible values. <ul style="list-style-type: none"> <li>-</li> </ul>
		conditions	Only for errataType CITY TAX or RESORT FEE
		calculationRules	Conditions for applying tax
		currency	Currency code
		duration	Duration. Values : <ul style="list-style-type: none"> <li>- Per day</li> <li>- Per night</li> <li>- Per stay</li> <li>- Per week</li> </ul>

		<ul style="list-style-type: none"> <li>- Roundtrip</li> <li>- One way</li> </ul>
	maxImport	Maximum import to pay
	maxNights	Maximum number of nights to apply
	scope	Scope. Values : <ul style="list-style-type: none"> <li>- Per adult</li> <li>- Per person</li> <li>- Per room</li> <li>- Per suite</li> <li>- Per apartment</li> <li>- Per house</li> </ul>
	taxIncluded	Tax is included : True or False
	discountsExemptions	Any discount or exemption about tax
	discAmount	Vaue of discount (case discType = Discount)
	discType	Type of discount. Values : <ul style="list-style-type: none"> <li>- Discount</li> <li>- Exemprion : tax don't apply</li> </ul>
	discountFrom	Date from : dd/mm
	discountTo	Date to : dd/mm
	maxAge	Maximum age for applying discount and exceptions
	maxStay	Maximum stay for applying discount and exceptions
	minAge	Minimum age for applying discount and exceptions
	minStay	Minumum stay for applying discount and exceptions
	reason	Reason of discount. Values : <ul style="list-style-type: none"> <li>- Business</li> <li>- Vacation</li> <li>- Senior</li> <li>- Disability</li> <li>- High season</li> <li>- Low season</li> </ul>
	resident	Resident: True or False

				type	Type of value of discAmount. Values :  - PERCENT  - FEE	
				tax		Tax to be applied
					amount	Value of tax
					dateFrom	Date from : dd/mm
					dateTo	Date to : dd/mm
					maxRoomRate	Maximum room price to apply this tax  To use in those cases where taxes depends on the room price.
					minRoomRate	Minimum room price to apply this tax  To use in those cases where taxes depends on the room price.
					type	Type of value of amount. Values :  - PERCENT  - FEE
				version		Tax version
				offerDescription		
	description		Offer description			

**confirmExtendsV21**

It requests a hotel booking service and returns a confirmation response and a serviceId for any booked service. This method includes all necessary functionalities for new contract types:

Hotels with regular contracts (net prices) can also be booked with this method.

Use the response data obtained from availability or valuate methods to fill the required parameters. Be aware that if you send different data from the availability or valuate response, the confirm method may not work and respond with an error (because, for instance, "there is no availability")

This version works with the ratePlanCode instead of boardType and roomType. The rateplan code determines a price, a roomtype (which belongs to a more generic "room type category"), a boardtype, a list of rates and a set of additional conditions described in rateplan description.

**confirmExtendsV21 Request**

<b>agencyCode</b>	Agency code. Unique code for each customer. To be filled always with brandCode and pointOfSaleId
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<b>brandCode</b>	Brand code. Same code for all methods. To be filled always with agencyCode and pointOfSaleId.
<b>pointOfSaleId</b>	Point of Sale. Same code for all methods. To be filled always with agencyCode and brandCode.
<b>language</b> (required)	Language sent in the response.
<b>checkin</b> (required)	Check in date
<b>checkout</b> (required)	Check out date. More than 28 days bookings are not allowed.
<b>establishmentId</b> (required)	Establishment code.  See establishment related methods to get this code: <b><i>getEstablishmentData</i></b> and <b><i>getEstablishmentsByName</i></b> .
<b>occupancies</b> (required)	<p>Array with pax number for this search. For each occupancy[i]:</p> <ul style="list-style-type: none"> <li>- <b>adults</b> (required): number of adult pax, minimum value: 1</li> <li>- <b>children</b> (required): number of children pax, minimum value: 0</li> <li>- <b>[childrenAges]</b> (required if <b>children</b> &lt;&gt; 0): a childrenAges parameter is required for each child. Values: <ul style="list-style-type: none"> <li>- 0 to 16: (example: for a child of 5 years and 4 months, childrenAges = 5)</li> </ul> </li> </ul> <p>NOTE: generally but not always, in XTS contracts:</p> <ul style="list-style-type: none"> <li>- from 0 to 2 years old (childrenAges values: 0 or 1): infants.</li> <li>- from 2 to 12 years old (childrenAges values: 2 to 11): children.</li> <li>- from 12 years old (childrenAges values: from 12): adults.</li> </ul> <ul style="list-style-type: none"> <li>- <b>numberOfRooms</b> (required): number of rooms for this occupancy, minimum value: 1.</li> <li>- <b>ratePlanCode</b> (required): ratePlanCode obtained on Availability Response.</li> </ul> <p>Example:</p> <ul style="list-style-type: none"> <li>- DTB:BB:BAR::CLSouwNjMzZDK2MDMtYzhiOC00NDk1LThiN2YtZTZiNTUzOWY5ZjU1</li> <li>-</li> </ul>
<b>onlyOnline</b>	<p>By default: true:</p> <ul style="list-style-type: none"> <li>- true: the booking will perform only if the booking can be closed at the moment. No on-request booking allowed.</li> <li>- false: client can obtain a closed booking or an on-request one.</li> </ul>
<b>extendedLogin</b>	If known, you can inform the connection origin country, and the main nationality of the pax.
<b>loginCountry</b>	Country code. ISO alfa-2: ES, DE, UK, US,... To be filled always with mainNationality and channel.

		Country where the connection is made from.
	mainNationality	Country code. ISO alfa-2: ES, DE, UK, US,... To inform the main nationality of pax, if it is known. If it is unknown, fill with the same value than country. To be filled always with country and channel. It will be used to choose the credentials with a higher priority than country. It means that if the mainNationality has a different value than country, mainNationality will be the country used to select the credentials which client will connect to XTS.
	channel	Values: B2B, B2C To be filled always with mainNationality and country.
agencyReference		Customers reference (locator) for this booking. Free text.
basketId		Basket code. An existing XTS basketId or a null value. In case it is not specified, XTS will assign one basketId automatically. The response object returns it in any case.  In case it's an "on Request" please don't include any basketId.
closeBasket		Boolean. Values (By default: true): <ul style="list-style-type: none"> <li>- false: this basket is open. Rooms are blocked. It must be closed later with basketHandler confirm method or, either, be canceled with basketHandler cancel method</li> <li>- true: this basket is closed, documentation is sent, hotel receives booking confirmation, invoicing process is started.</li> <li>- true: in case of "on request" boolean. Value ="true"</li> </ul>
comments		A list of several Booking comments can be sent. Informative. Each element composed of: <ul style="list-style-type: none"> <li>- type : comment type. Free text.</li> <li>- text : comment text. Free text.</li> </ul>
paxList		Passenger list of each booked room. Informative. A range of several passengers by room data can be sent.  If paxList information does not match with any occupancy, will be avoided.  Each element composed of: <ul style="list-style-type: none"> <li>- [paxNames] : a list of several passengers names can be sent. One paxNames for each passenger.</li> <li>- roomTypeCode : room type code for the passengers specified above. Only one allowed for each paxList.</li> </ul>
sendDocumentationTo		E-mail account where this booking documentation will be sent. If any email isn't included here, agency e-mail will be used.  In case of "onRequest" it's mandatory to provide valid email account where information could be send.  WARNING! Do not use to insert client e-mail. The booking documentation to be send includes agency price, and not client prices.

<b>titular</b> (required)	Lead pax name.
<b>userId</b>	Agency's user code. You can use it as a search param in the getBaskets method

### *confirmExtendsV21 Response*

The response is similar to confirmExtendsV20 response.

<b>basket</b>	Basket item. General bakset information
<b>basketId</b>	Basket code
<b>cancelled</b>	Cancellation date. Value "0".
<b>closed</b>	Basket closed date
<b>opened</b>	Basket opened date
<b>titular</b>	not in use
<b>cancellationDate</b>	not in use
<b>comments</b>	Comments item. Contains all data needed to specify contract type of the booked hotel and hotel fiscal data Several will be sent. Composed of text and type.
<b>text</b>	Commnent content. Free text, boolean or numeric depending on type
<b>type</b>	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>For all agencies:</b></li> <li>- <b>PVP / Retail price:</b> States if this is a net price o don't.</li> <li>- <b>For net prices agencies:</b></li> <li>- <b>PVP / Binding retail price amount:</b> Binding retail price amount.</li> <li>- <b>For commissionable prices agencies:</b></li> <li>- <b>Sales Commission percent:</b> sales commission percent</li> <li>- <b>Sales Commission amount:</b> sales commission amount.</li> <li>- <b>For direct payment prices</b> (Direct Client Payment = true):</li> <li>- <b>Direct Client Payment:</b> in this case, text values = boolean (true or false). If true:</li> <li>- <b>Commissionable:</b> in this case, text values = boolean (true or false).</li> </ul>



		<ul style="list-style-type: none"> <li>- <b>Commission Percent:</b> in this case, text values = numeric. If <b>Commissionable</b> = true, this comment will hold the commission percent. For instance: 20.0 (this means a 20% commission)</li> <li>- <b>Fiscal Data- VAT Number:</b> hotel VAT number.</li> <li>- <b>Fiscal Data- Company Name:</b> company name</li> <li>- <b>Fiscal Data- Observations:</b> comments</li> <li>- <b>Fiscal Data- Address- Address1:</b> address data field 1</li> <li>- <b>Fiscal Data- Address- Address2:</b> address data field 2</li> <li>- <b>Fiscal Data- Address- Email:</b> company e-mail</li> <li>- <b>Fiscal Data- Address- Fax:</b> company fax number</li> <li>- <b>Fiscal Data- Address- Name:</b> company address name</li> <li>- <b>Fiscal Data- Address- Postal Code:</b> company postal code</li> <li>- <b>Fiscal Data- Address- Telephone:</b> company telephone number</li> <li>- <b>Fiscal Data- Address- City:</b> company address city</li> <li>-</li> <li>- <b>Special cases:</b></li> <li>-</li> <li>- <b>PVP / Retail price:</b> States if this is a net price or don't.</li> <li>-</li> <li>-</li> </ul> <p>NOTE: all "Fiscal Data-" types are used to send hotel fiscal data.</p>
	text	Your "onRequest" solicitude with basketID XXXXX has been sent to our business agent.
	type	On Request
	commision	not in use
	contractId	not in use
	description	Establishment name
	okDate	Ok date
	pointOfSaleId	Point of sale code
	positionInBasket	Service position in basket
	requestDate	Request date
	serviceId	Service code
	status	<p>Value: CLOSED means confirm request received and processed correctly.</p> <p>Value OPEN means request is received and the booking needs to be confirmed by the client. See the confirm method on the Basket Handler.</p>
	total	Total item. Total amount of service
	currencyCode	Currency code
	value	Value. Amount

		NOTE: all amounts in case of commissionable hotels include the commission. JOL client receives the commission percent and can then calculate any required commission amount.
	commissionSalePercent	Sales commission percent. Use it only as informative item. To avoid rounding mismatches use always the field <b>commissionSaleValue</b> Only for commissionable agencies.
	commissionSaleValue	Sales commission value. Agency commission. Only for commissionable agencies.
	userId	User code. XTS user sent in the confirm request if any.
	voucherUrl	not in use
	checkin	Check in date
	checkout	Check out date
	establishmentId	Establishment code
	occupations	Occupations item. One per occupancy sent.
	adults	Number of adults
	amount	Amount item. Price for this occupations item
	currencyCode	Currency code
	value	Value. Amount.
	boardTypeCode	Board type code
	boardTypeName	Board type name
	onRequest	True: in case of "on Request" False: only on-line results
	cancellationComments	
	from	Not in use
	to	Not in use
	text	The value itself. See next note.
	type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- "Cancellation term": cancellation terms <u>by occupancy</u>. The format is as follows: [ Release – Percent% ].</li> <li>- For example: 7 – 5.0% , means cancelling a booking 7 days before checkin date has a 5.0% of total booking amount penalty.</li> <li>- <b>Note:</b> it is not possible to cancel a booking online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation</u></li> </ul>

		<p><u>request will remain "on request" and it is not confirmed.</u> Our staff will deal with it manually and contact your booking staff to confirm cancellation terms accorded with the hotel.</p> <ul style="list-style-type: none"> <li>- "Cancellation email" : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> </ul>
children		Number of children
childrenAges		Children ages. One per child
fromDate		Booking from date
numberOfDays		Number of days stay
numberOfRooms		number of rooms
roomTypeCode		Room type code
roomTypeName		Room type name
toDate		Booking to date
typeName		Board type name
description		Rate Plan Description.
ratePlanCode		<p>It contains a string of values to identify the core code of the availability, and a tracking ID.</p> <p>Core code is built from three codes:</p> <ul style="list-style-type: none"> <li>- Room Type</li> <li>- Board Type</li> <li>- Rate Plan (zero, one or two)</li> </ul> <p>Tracking ID allows to trace the transactions from availability to booking.</p> <p>Example:</p> <p>DTB:BB:BAR::CLSouwNjMzZDk2MDMtYzhiOC00NDk1LThiN2YtZTZiNTUzOWY5ZjU1</p>
rates		List of rates. One or more.
	Rate	Rate code.
comments		Information regarding room prices, [0..N] items.
	from	Not in use
	to	Not in use
	text	The value itself. See next note.
	type	Comment type. Values:

				<ul style="list-style-type: none"> <li>- ERRATA: Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li> </ul>
			errataType	<p>Example values:</p> <ul style="list-style-type: none"> <li>- CITY TAX: Errata CITY TAX</li> <li>-</li> <li>- RESORT FEE: Errata RESORT FEE</li> <li>-</li> <li>- "OTHERS": others errata types description</li> </ul> <p>Use the method getErrataTypes to obtain all the possible values.</p>
			conditions	Only for errataType CITY TAX or RESORT FEE
			calculationRules	Conditions for applying tax
			currency	Currency code
			duration	<p>Duration. Values :</p> <ul style="list-style-type: none"> <li>- Per day</li> <li>- Per night</li> <li>- Per stay</li> <li>- Per week</li> <li>- Roundtrip</li> <li>- One way</li> </ul>
			maxImport	Maximum import to pay
			maxNights	Maximum number of nights to apply
			scope	<p>Scope. Values :</p> <ul style="list-style-type: none"> <li>- Per adult</li> <li>- Per person</li> <li>- Per room</li> <li>- Per suite</li> <li>- Per apartment</li> <li>- Per house</li> </ul>
			taxIncluded	Tax is included : True or False
			discountsExemptions	Any discount or exemption about tax

<b>discAmount</b>	Vaue of discount (case discType = Discount)
<b>discType</b>	Type of discount. Values : <ul style="list-style-type: none"> <li>- Discount</li> <li>- Exemprion : tax don't apply</li> </ul>
<b>discountFrom</b>	Date from : dd/mm
<b>discountTo</b>	Date to : dd/mm
<b>maxAge</b>	Maximum age for applying discount and exceptions
<b>maxStay</b>	Maximum stay for applying discount and exceptions
<b>minAge</b>	Minimum age for applying discount and exceptions
<b>minStay</b>	Minumum stay for applying discount and exceptions
<b>reason</b>	Reason of discount. Values : <ul style="list-style-type: none"> <li>- Business</li> <li>- Vacation</li> <li>- Senior</li> <li>- Disability</li> <li>- High season</li> <li>- Low season</li> </ul>
<b>resident</b>	Resident: True or False
<b>type</b>	Type of value of discAmount. Values : <ul style="list-style-type: none"> <li>- PERCENT</li> <li>- FEE</li> </ul>
<b>tax</b>	Tax to be applied
<b>amount</b>	Value of tax
<b>dateFrom</b>	Date from : dd/mm
<b>dateTo</b>	Date to : dd/mm
<b>maxRoomRate</b>	Maximum room price to apply this tax To use in those cases where taxes depends on the room price.
<b>minRoomRate</b>	Minimum room price to apply this tax To use in those cases where taxes depends on the room price.
<b>type</b>	Type of value of amount. Values :

					- PERCENT
					- FEE
			version		Tax version

## Appendix I. TransferHandlerService Deprecated services.

### *availableTransferV12*

Retrieves available transfers for a given route.

### *availableTransferV12 Request*

agencyCode (required)	Agency code. Unique code for each customer.
brandCode (required)	Brand code. Same code for all methods.
pointOfSaleId (required)	Point of Sale. Same code for all methods.
adults	Number of adults.
children	Number of children.
[childrenAges]	Send one item per child. A childrenAges is required for each child. None is required if children = 0.

<p><b>fromAirToHotelJourney</b> (required if <b>journeyDirection</b> value = Going or Roundtrip)</p>	<p>Air to hotel journey details:</p> <ul style="list-style-type: none"> <li>- <b>airportId</b>: transfer airport departure code. Transfer departure site. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: transfer destination. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of: <ol style="list-style-type: none"> <li>1. <b>flightNumber</b>. Flight number, composed of: <ol style="list-style-type: none"> <li>1. <b>company</b>: either the IATA or IACO code (example: British Airways codes are BA or BAW)</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>2. <b>date</b>: flight arrival date and time. Note that it is required to send the arrival date and time here, not the departure date/time. This date will be used as transfer collection time.</li> <li>3. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>4. <b>from</b>: Departure airport. IATA code (optional).</li> <li>5. <b>localtime</b>: <b>not in use</b></li> <li>6. <b>to</b>: Arrival airport. IATA code (optional and should be the same airport as airportId)</li> </ol> </li> </ul>
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<b>fromHotelToAirJourney</b> (required if <b>journeyDirection</b> value = Return or Roundtrip)	<p>Hotel to Air journey details:</p> <ul style="list-style-type: none"> <li>- <b>airportId</b>: transfer airport destination code. Transfer destination. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: transfer departure site. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of: <ul style="list-style-type: none"> <li>7. <b>flightNumber</b>. Flight number, composed of: <ol style="list-style-type: none"> <li>1. <b>company</b>: either the IATA or IACO code (example, for British Airways: BA or BAW).</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>8. <b>date</b>: transfer departure date and time. Note that it is required and it is not the date/time departure flight but the transfer collection date/time and will be used as such.</li> <li>9. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference.</li> <li>10. <b>from</b>: Departure airport. IATA code (optional and should be the same airport as <b>airportId</b>)</li> <li>11. <b>localtime</b>: <b>not in use</b></li> <li>12. <b>to</b>: Arrival airport. IATA code (optional).</li> </ul> </li> </ul>
<b>fromRow</b>	Results will be sent from this row.
<b>journeyDirection</b> (required)	<p>Requested journey direction (values are case sensitive):</p> <ul style="list-style-type: none"> <li>- <b>Going</b>: from airport to hotel.</li> <li>- <b>Return</b>: from hotel to airport.</li> <li>- <b>Roundtrip</b> (2 trips): from airport to hotel and from hotel to airport.</li> </ul>
<b>language</b> (required)	Language sent in the response.
<b>numRows</b>	Total number of rows requested (each row is a search result). Minimum value: 1.

*availableTransferV12 Response*

<b>adults</b>	Number of adults
<b>children</b>	Number of children
<b>childrenAges</b>	One item per child.
<b>fromAirToHotelJourney</b>	Air to hotel journey details as requested. Composed of:



airportId			Transfer departure site. An airport code.	
establishmentId			Transfer destination. A hotel code.	
flightInfo			Flight and transfer data, composed of:	
	date		Transfer departure date/time.	
	flightNumber		Flight number, composed of:	
		company	Either the IATA or IACO code.	
		fullNumber	Flight number in full. <b>Not in use.</b>	
		number	Flight number.	
	from		Departure airport.	
	to		Arrival airport.	
fromHotelToAirJourney			Hotel to Air journey details as requested. Composed of:	
	airportId		Transfer destination site. An airport code.	
	establishmentId		Transfer departure site. A hotel code.	
	flightInfo		Flight and transfer data, composed of:	
		date		Transfer departure date/time.
		flightNumber		Flight number, composed of:
			company	Either the IATA or IACO code.
			fullNumber	Flight number in full. <b>Not in use.</b>
			number	Flight number.
		from		Departure airport.
		to		Arrival airport.
journeyDirection			Requested journey direction. Values: <ul style="list-style-type: none"><li>- Going: from airport to hotel.</li><li>- Return: from hotel to airport.</li><li>- Roundtrip (2 trips): from airport to hotel and from hotel to airport.</li></ul>	

transferOption		An option for the requested transfer. From 1 to n items in this response.
	Direction	Journey direction. Values: <ul style="list-style-type: none"> <li>- Going: from airport to hotel.</li> <li>- Return: from hotel to airport.</li> <li>- Roundtrip (2 trips): from airport to hotel and from hotel to airport.</li> </ul>
	locationTextGoing	Important information: available assistance if any, collection procedure, etc. Relevant for the Going transfer.
	locationTextReturn	Important information: available assistance if any, collection procedure, etc. Relevant for the Return transfer.
	numVehicles	Number of Vehicles for this option (zero indicates N/C).
	price	Transfer option price information object.
	paxPrice	Price per pax for this transfer option
	currencyCode	Currency code
		value
	priceType	Price type. Values: <ul style="list-style-type: none"> <li>- PAX: price per pax</li> <li>- VEHICLE: price per vehicle.</li> </ul>
	supplement	Supplement object. From 0 to n. Required supplements already included in price.
	currencyCode	Currency code
		description
		value
	total	Total transfer price.
	currencyCode	Currency code
		value
	unitPrice	Price information object. From 1 to 2 items. Depends on priceType
	currencyCode	Currency code
		value
		paxType
		Unit price type. Values:

			<ul style="list-style-type: none"> <li>- Vehicle: in case this is a per vehicle price (Private transfers)</li> <li>- Pax: in case this is a per pax price (Shuttle transfers)</li> </ul>
		serviceType	Service type. Values: <ul style="list-style-type: none"> <li>- Private: Private vehicle transfer</li> <li>- Shuttle: shared vehicle transfer</li> </ul>
		vehicleInfo	Vehicle information
		carId	Vehicle code.
		carName	Vehicle name.
		description	Vehicle description.
		imageUrl	Vehicle image url.
		numPassenger	Vehicle max capacity.
		Comments	Miscellaneous comments.
		Text	The value itself. See next note.
		Type	Comment type. Values: <ul style="list-style-type: none"> <li>- “ <b>Cancellation term</b> ” : cancellation terms <u>by transfer</u>. The format is as follows: [ Release – Percent% ].</li> </ul> <p>For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</p> <p><b>Note:</b> it is not possible to cancel a transfer online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the booking cancellation request will remain “on request” and it is not <u>confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms.</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation email</b> ” : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> <li>- “ <b>Sales Commission percent</b> ” : Comission applied</li> <li>- “ <b>Sales Commission amount</b> ” : Amount of the previous percent applied to the transfer price.</li> </ul>
		fromRow	Results search data: from row number.
		numRows	Results search data: row number.
		totalRows	Results search data: total row number.

**valueV12**

Valuates available transfer options for a given route.

**valueV12 Request**

agencyCode (required)	Agency code. Unique code for each customer.
brandCode (required)	Brand code. Same code for all methods.

<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>fromAirToHotelJourney</b> (required if <b>journeyDirection</b> value = Going or Roundtrip)	<p>Air to hotel journey details:</p> <ul style="list-style-type: none"> <li>- <b>airportId</b>: transfer airport departure code. Transfer departure site. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: transfer destination. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of: <ul style="list-style-type: none"> <li>13. <b>flightNumber</b>. Flight number, composed of: <ol style="list-style-type: none"> <li>1. <b>company</b>: Either the IATA or IACO code (example: British Airways codes are BA or BAW)</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>14. <b>date</b>: Flight arrival date and time. Note that it is required to send the arrival date and time here, not the departure date/time. This date will be used as transfer collection time.</li> <li>15. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>16. <b>from</b>: Departure airport. IATA code (optional).</li> <li>17. <b>localtime</b>: <b>not in use</b></li> <li>18. <b>to</b>: Arrival airport. IATA code (optional and should be the same airport as airportId)</li> </ul> </li> </ul>

<b>fromHotelToAirJourney</b> (required if <b>journeyDirection</b> value = Return or Roundtrip)	Hotel to Air journey details: <ul style="list-style-type: none"> <li>- <b>airportId</b>: Transfer airport destination code. Transfer destination. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: Transfer departure site. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of:             <ul style="list-style-type: none"> <li>19. <b>flightNumber</b>. Flight number, composed of:                 <ol style="list-style-type: none"> <li>1. <b>company</b>: Either the IATA or IACO code (example, for British Airways: BA or BAW).</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>20. <b>date</b>: Transfer departure date and time. Note that it is required and it is not the date/time departure flight but the transfer collection date/time and will be used as such.</li> <li>21. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>22. <b>from</b>: Departure airport. IATA code (optional and should be the same airport as <b>airportId</b>)</li> <li>23. <b>localtime</b>: <b>not in use</b></li> <li>24. <b>to</b>: Arrival airport. IATA code (optional).</li> </ul> </li> </ul>
<b>journeyDirection</b> (required)	Requested journey direction (values are case sensitive): <ul style="list-style-type: none"> <li>- <b>Going</b>: from airport to hotel.</li> <li>- <b>Return</b>: from hotel to airport.</li> <li>- <b>Roundtrip</b>: (2 trips): from airport to hotel and from hotel to airport.</li> </ul>
<b>language</b> (required)	Language sent in the response.
[supplements]	<b>not in use</b>

[vehicleOccupancy] (required)	<p>Vehicle occupancy data. Send from 1 to n items</p> <ul style="list-style-type: none"> <li>- <b>adults</b>: Number of adults</li> <li>- <b>children</b>: Number of children</li> <li>- <b>[childrenAges]</b>: children ages. One item per child.</li> <li>- <b>journeyDirection</b>: Requested journey direction. <ul style="list-style-type: none"> <li>- Going: from airport to hotel.</li> <li>- Return: from hotel to airport.</li> <li>- Roundtrip (2 trips): from airport to hotel and from hotel to airport.</li> </ul> </li> <li>- <b>[names]</b>: Passenger names (optional) several can be sent.</li> <li>- <b>numberOfVehicles</b>: Number of vehicles to be valued (only in case of <b>serviceType</b> = Private)</li> <li>- <b>[optionalSupplement]</b>: Supplement information <ul style="list-style-type: none"> <li>- <b>quantity</b>: Quantity of this Supplement.</li> <li>- <b>supplementCode</b>: Code of this Supplement.</li> </ul> </li> <li>- <b>serviceType</b>: Service type. Values: <ul style="list-style-type: none"> <li>- Private</li> <li>- SHUTLE</li> </ul> </li> <li>- <b>vehicleTypeId</b>: vehicle type Id</li> </ul>
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*valueV12 Response*

amount	not in use.
comission	not in use.
date	not in use.
status	not in use.
fromAirToHotelJourney	Air to hotel journey details as requested. Composed of:
airportId	Transfer departure site. An airport code.
establishmentId	Transfer destination. A hotel code.
flightInfo	Flight and transfer data, composed of:
date	Transfer departure date/time.
flightNumber	Flight number, composed of:

		company	Either the IATA or IACO code.
		fullNumber	Flight number in full. <b>Not in use.</b>
		number	Flight number.
	from		Departure airport.
	to		Arrival airport.
fromHotelToAirJourney			Hotel to Air journey details as requested. Composed of:
airportId			Transfer destination site. An airport code.
establishmentId			Transfer departure site. A hotel code.
flightInfo			Flight and transfer data, composed of:
	date		Transfer departure date/time.
	flightNumber		Flight number, composed of:
		company	Either the IATA or IACO code.
		fullNumber	Flight number in full. <b>Not in use.</b>
		number	Flight number.
	from		Departure airport.
	to		Arrival airport.
	journeyDirection		
totalPaxes			Total number of paxes as requested.
	adults		Number of adults.
	children		Number of children.
totalPrice			Total transfer price.

	currencyCode	Currency code.
	value	Total amount.
	transferOption	Details for requested transfer valuation.
	Direction	Journey direction. Values: <ul style="list-style-type: none"> <li>- Going: from airport to hotel.</li> <li>- Return: from hotel to airport.</li> <li>- Roundtrip (2 trips): from airport to hotel and from hotel to airport.</li> </ul>
	locationTextGoing	Important information: available assistance if any, collection procedure, etc. Relevant for the Going transfer.
	locationTextReturn	Important information: available assistance if any, collection procedure, etc Relevant for the Return transfer.
	price	Transfer option price information object.
	paxPrice	Price per pax for this transfer option
	currencyCode	Currency code
	value	Amount per pax
	priceType	Price type. Values: <ul style="list-style-type: none"> <li>- PAX: price per pax</li> <li>- VEHICLE: price per vehicle.</li> </ul>
	supplement	Supplement object. From 0 to n. Required supplements.
	currencyCode	Currency code
	description	Supplement description
	value	Amount
	total	Total transfer price.
	currencyCode	Currency code
	value	Total transfer amount, including required supplements.
	unitPrice	Price information object. From 1 to 2 items. Depends on priceType
	currencyCode	Currency code
	value	Amount per unit



			paxType	Unit price type. Values: <ul style="list-style-type: none"> <li>- Vehicle: in case this is a per vehicle price (Private transfers)</li> <li>- Pax: in case this is a per pax price (Shuttle transfers)</li> </ul>
			serviceType	Service type. Values: <ul style="list-style-type: none"> <li>- Private: Private vehicle transfer</li> <li>- Shuttle: shared vehicle transfer</li> </ul>
			vehicleInfo	Vehicle information
			carId	Vehicle code
			carName	Vehicle name
			description	Vehicle description
			imageUrl	Vehicle image URL
			numPassenger	Vehicle max capacity
			adults	Number of adults.
			children	Number of children.
			childrenAges	Ages of Children.
			names	Pax names as requested.
			Comments	Miscellaneous comments.
			Text	The value itself. See next note.
			Type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation term</b> ” : cancellation terms <u>by transfer</u>. The format is as follows: [ Release – Percent% ].</li> </ul> <p>For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</p> <p><b>Note:</b> it is not possible to cancel a transfer online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request”</u> and it is <u>not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms.</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation email</b> ” : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> <li>- “ <b>Sales Commission percent</b> ” : Comission applied</li> <li>- “ <b>Sales Commission amount</b> ” : Amount of the previous percent applied to the transfer price.</li> </ul>

**confirmV12**

Confirms a transfer booking.

**confirmV12 Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>fromAirToHotelJourney</b> (required if <b>journeyDirection</b> value = Going or Roundtrip)	<p>Air to hotel journey details:</p> <ul style="list-style-type: none"> <li>- <b>airportId</b>: Transfer airport departure code. Transfer departure site. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: Transfer destination. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of: <ul style="list-style-type: none"> <li>25. <b>flightNumber</b>. Flight number, composed of: <ol style="list-style-type: none"> <li>1. <b>company</b>: Either the IATA or IACO code (example: British Airways codes are BA or BAW)</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>26. <b>date</b>: Flight arrival date and time. Note that it is required to send the arrival date and time here, not the departure date/time. This date will be used as transfer collection time.</li> <li>27. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>28. <b>from</b>: Departure airport. IATA code (optional).</li> <li>29. <b>localTime</b>: <b>not in use</b></li> <li>30. <b>to</b>: Arrival airport. IATA code (optional and should be the same airport as <b>airportId</b>)</li> </ul> </li> </ul>

<b>fromHotelToAirJourney</b> (required if <b>journeyDirection</b> value = Return or Roundtrip)	Hotel to Air journey details: <ul style="list-style-type: none"> <li>- <b>airportId</b>: Transfer airport destination code. Transfer destination. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: transfer departure site. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of:             <ol style="list-style-type: none"> <li>31. <b>flightNumber</b>. Flight number, composed of:                 <ol style="list-style-type: none"> <li>1. <b>company</b>: either the IATA or IACO code (example, for British Airways: BA or BAW).</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>32. <b>date</b>: Transfer departure date and time. Note that it is required and it is not the date/time departure flight but the transfer collection date/time and will be used as such.</li> <li>33. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>34. <b>from</b>: Departure airport. IATA code (optional and should be the same airport as <b>airportId</b>)</li> <li>35. <b>localTime</b>: <b>not in use</b></li> <li>36. <b>to</b>: Arrival airport. IATA code (optional).</li> </ol> </li> </ul>
<b>journeyDirection</b> (required)	Requested journey direction (values are case sensitive): <ul style="list-style-type: none"> <li>- <b>Going</b>: from airport to hotel.</li> <li>- <b>Return</b>: from hotel to airport.</li> <li>- <b>Roundtrip</b> (2 trips): from airport to hotel and from hotel to airport.</li> </ul>
<b>language</b> (required)	Language sent in the response.
[supplements]	<b>Not in use</b>

<b>[vehicleOccupancy]</b> (required)	<p>Vehicle occupancy data. Send from 1 to n items</p> <ul style="list-style-type: none"> <li>- <b>adults</b>: Number of adults</li> <li>- <b>children</b>: Number of children</li> <li>- <b>[childrenAges]</b>: children ages. One item per child.</li> <li>- <b>journeyDirection</b>: requested journey direction. <ul style="list-style-type: none"> <li>- Going: from airport to hotel.</li> <li>- Return: from hotel to airport.</li> <li>- Roundtrip (2 trips): from airport to hotel and from hotel to airport.</li> </ul> </li> <li>- <b>[names]</b>: Passenger names (optional) several can be sent.</li> <li>- <b>numberOfVehicles</b>: Number of vehicles to be valued (only in case of <b>serviceType</b> = Private)</li> <li>- <b>[optionalSupplement]</b>: Supplement information <ul style="list-style-type: none"> <li>- <b>quantity</b>: Quantity of this Supplement.</li> <li>- <b>supplementCode</b>: Code of this Supplement.</li> </ul> </li> <li>- <b>serviceType</b>: Service type (values are case sensitive). Values: <ul style="list-style-type: none"> <li>- <b>Private</b></li> <li>- <b>Shuttle</b></li> </ul> </li> <li>- <b>vehicleTypeId</b>: carId from availableTransfers response (empty if <b>serviceType</b> = Shuttle)</li> </ul>
<b>agencyReference</b>	Customers reference (locator) for this booking. Free text.
<b>basketId</b>	Basket code. An existing XTS basketId or a null value. If it is not specified, XTS will assign one basketId automatically. In any case the response object will return it.
<b>closeBasket</b>	<p>Boolean. Values (By default: True):</p> <ul style="list-style-type: none"> <li>- FALSE: this basket is open. It must be closed later with basketHandler confirm method or, either be canceled with basketHandler cancel method</li> </ul> <p>true: this basket is closed, documentation is sent, transfer provider receives booking confirmation, invoicing process is started.</p>
<b>comments</b>	<p>An array: several Booking comments can be sent. Informative. Each element composed of:</p> <ul style="list-style-type: none"> <li>- <b>type</b> : comment type. Free text.</li> <li>- <b>text</b> : comment text. Free text.</li> </ul>
<b>sendVoucher</b>	<p>Boolean. Values:</p> <ul style="list-style-type: none"> <li>- FALSE: do not send voucher</li> <li>- TRUE: send voucher.</li> </ul>
<b>Titular</b> (required)	Main pax name.
<b>userId</b>	User code of the agency. You can use it as a search param in the getBaskets method

<b>voucherEmail</b>	E-mail address where voucher has to be sent.
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*confirmV12 Response*

<b>basket</b>	Basket data
<b>basketId</b>	Basket code
<b>cancelled</b>	Cancel data. Always set to 0.
<b>closed</b>	Closed data
<b>opened</b>	Opened data
<b>titular</b>	Lead pax.
<b>confirmService</b>	One for each journey. Composed of:
<b>journeyDirection</b>	Values: <ul style="list-style-type: none"> <li>- Going.</li> <li>- Return.</li> </ul>
<b>journeyInfo</b>	Transfer data. Composed of:
<b>airportId</b>	Transfer departure site. An airport code.
<b>establishmentId</b>	Transfer destination. A hotel code.
<b>flightInfo</b>	Flight and transfer data, composed of:
<b>date</b>	Transfer departure date/time.
<b>flightNumber</b>	Flight number, composed of:
<b>company</b>	Either the IATA or IACO code.
<b>fullNumber</b>	Flight number in full. <b>Not in use.</b>
<b>number</b>	Flight number.
<b>from</b>	Departure airport.
<b>localTime</b>	Local Date and Time.

		to	Arrival airport.
		serviceId	Service code.
		vehicleOccupancy	Vehicle Occupancy data. From 1 to n items. Composed of:
		adults	Number of adults.
		children	Number of children.
		childrenAge	Age of Children.
		journeyDirection	Not in use.
		names	Pax names as requested.
		numberOfVehicles	Number of vehicles assigned (If transfer is Private).
		serviceType	Values: <ul style="list-style-type: none"> <li>- Private.</li> <li>- Shuttle.</li> </ul>
		vehicleTypeld	Vehicle type code
		locationTextGoing	In case of Going transfer: Important information for transfer: collection procedure, etc.
		locationTextReturn	In case of Return transfer: Important information for transfer: collection procedure, etc.
		price	Transfer option price information object.
		paxPrice	Price per pax for this transfer option
		currencyCode	Currency code
		value	Amount per pax
		priceType	Price type. Values: <ul style="list-style-type: none"> <li>- Pax: price per pax</li> <li>- Vehicle: price per vehicle.</li> </ul>
		supplement	Supplement object. From 0 to n.
		currencyCode	Currency code
		description	Supplement description
		value	amount

			<b>Total</b>	Total transfer price.
			<b>currencyCode</b>	Currency code
			<b>value</b>	Total transfer amount
			<b>unitPrice</b>	Price information object. From 1 to 2 items. Depends on <b>priceType</b>
			<b>currencyCode</b>	Currency code
			<b>value</b>	Amount per unit.
			<b>paxType</b>	Unit price type. Values: <ul style="list-style-type: none"> <li>- Vehicle: in case this is a per vehicle price (Private transfers)</li> <li>- Pax: in case this is a per pax price (Shuttle transfers)</li> </ul>
			<b>serviceType</b>	Service type. Values: <ul style="list-style-type: none"> <li>- Private: Private vehicle transfer</li> <li>- Shuttle: shared vehicle transfer</li> </ul>
			<b>Comments</b>	Miscellaneous comments.
			<b>Text</b>	The value itself. See next note.
			<b>Type</b>	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation term</b> ” : cancellation terms <u>by transfer</u>. The format is as follows: [ Release – Percent% ].</li> </ul> <p>For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</p> <p><b>Note:</b> it is not possible to cancel a transfer online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request”</u> and it is <u>not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms.</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation email</b> ” : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> <li>- “ <b>Sales Commission percent</b> ” : Comission applied</li> <li>- “ <b>Sales Commission amount</b> ” : Amount of the previous percent applied to the transfer price.</li> </ul>
			<b>journeyDirection</b>	<p>Values:</p> <ul style="list-style-type: none"> <li>- Going.</li> <li>- Return</li> <li>- Roundtrip</li> </ul>
			<b>status</b>	<p>Values:</p> <ul style="list-style-type: none"> <li>- CONFIMED</li> <li>- OPEN</li> </ul>
			<b>totalPrice</b>	Total transfer price
			<b>currencyCode</b>	Currency code
			<b>value</b>	Total amount.

**availableTransfersV13**

Retrieves available transfers for a given route. Able to searchTransfer By Zones

**availableTransfersV13 Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>adults</b>	Number of adults.
<b>children</b>	Number of children.
<b>childrenAges</b>	Send one item per child. A <b>childrenAges</b> is required for each child. None is required if <b>children</b> = 0.
<b>fromAirToHotelJourney</b> (required if <b>journeyDirection</b> value = Going or Roundtrip)  This Part could be ignored if you are searching transfer byZoneld	Air to hotel journey details: <ul style="list-style-type: none"> <li>- <b>airportId</b>: transfer airport departure code. Transfer departure site. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: transfer destination. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and trnasfer Information, composed of:                37. <b>flightNumber</b>. Flight number, composed of:               <ol style="list-style-type: none"> <li>1. <b>company</b>: either the IATA or IACO code (example: British Airways codes are BA or BAW)</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>38. <b>date</b>: flight arrival date and time. Note that it is required to send the arrival date and time here, not the departure date/time. This date will be used as transfer collection time.</li> <li>39. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>40. <b>from</b>: Departure airport. IATA code (optional).</li> <li>41. <b>localtime</b>: <b>not in use</b></li> <li>42. <b>to</b>: Arrival airport. IATA code (optional and should be the same airport as airportId)</li> </ul>



<p><b>fromHotelToAirJourney</b> (required if <b>journeyDirection</b> value = Return or Roundtrip)</p> <p>This Part could be ignored if you are searching transfer byZoneld</p>	<p>Hotel to Air journey details:</p> <ul style="list-style-type: none"> <li>- <b>airportId</b>: transfer airport destination code. Transfer destination. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: transfer departure site. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of: <ul style="list-style-type: none"> <li>43. <b>flightNumber</b>. Flight number, composed of: <ol style="list-style-type: none"> <li>1. <b>company</b>: either the IATA or IACO code (example, for British Airways: BA or BAW).</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>44. <b>date</b>: transfer departure date and time. Note that it is required and it is not the date/time departure flight but the transfer collection date/time and will be used as such.</li> <li>45. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>46. <b>from</b>: Departure airport. IATA code (optional and should be the same airport as airportId)</li> <li>47. <b>localtime</b>: <b>not in use</b></li> <li>48. <b>to</b>: Arrival airport. IATA code (optional).</li> </ul> </li> </ul>
<b>fromRow</b>	Results will be sent from this row.
<b>journeyDirection</b> (required)	<p>Requested journey direction (values are case sensitive):</p> <ul style="list-style-type: none"> <li>- <b>Going</b>: from airport to hotel.</li> <li>- <b>Return</b>: from hotel to airport.</li> <li>- <b>Roundtrip</b> (2 trips): from airport to hotel and from hotel to airport.</li> </ul>
<b>language</b> (required)	Language sent in the response.
<b>numRows</b> (required)	Total number of rows requested (each row is a search result). Minimum value: 1.

<p><b>fromAirToZoneJourney</b> (required if <b>journeyDirection</b> value = Going or Roundtrip)</p>	<p>From Air to Zone journey details:</p> <ul style="list-style-type: none"> <li>- <b>airportId</b>: transfer airport departure code. Transfer departure site. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: transfer destination. See method <b>getTransferEstablishments</b>. (Field could be ignored if search is By Zone Id)</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of: <ul style="list-style-type: none"> <li>49. <b>flightNumber</b>. Flight number, composed of: <ol style="list-style-type: none"> <li>1. <b>company</b>: either the IATA or IACO code (example: British Airways codes are BA or BAW)</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>50. <b>date</b>: flight arrival date and time. Note that it is required to send the arrival date and time here, not the departure date/time. This date will be used as transfer collection time.</li> <li>51. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>52. <b>from</b>: Departure airport. IATA code (optional).</li> <li>53. <b>localtime</b>: <b>not in use</b></li> <li>54. <b>to</b>: Arrival airport. IATA code (optional and should be the same airport as airportId)</li> <li>55. <b>zoneld</b>: transfer zone code. Transfer departure site. See method <b>getTransferZones</b></li> <li>56.</li> </ul> </li> </ul>
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<b>fromZoneToAirJourney</b> (required if <b>journeyDirection</b> value = Going or Roundtrip)	From Zone to Air journey details: <ul style="list-style-type: none"> <li>- <b>airportId</b>: transfer airport departure code. Transfer departure site. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: transfer destination. See method <b>getTransferEstablishments</b>. (Field could be ignored if search is By Zone Id)</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of:             <ul style="list-style-type: none"> <li>57. <b>flightNumber</b>. Flight number, composed of:                 <ol style="list-style-type: none"> <li>1. <b>company</b>: either the IATA or IACO code (example: British Airways codes are BA or BAW)</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>58. <b>date</b>: flight arrival date and time. Note that it is required to send the arrival date and time here, not the departure date/time. This date will be used as transfer collection time.</li> <li>59. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>60. <b>from</b>: Departure airport. IATA code (optional).</li> <li>61. <b>localtime</b>: <b>not in use</b></li> <li>62. <b>to</b>: Arrival airport. IATA code (optional and should be the same airport as <b>airportId</b>)</li> <li>63. <b>zoneld</b>: transfer zone code. Transfer departure site. See method <b>getTransferZones</b></li> </ul> </li> </ul>
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### availableTransferV13 Response

Please see below response when using Only search method Transfer By Zones **(Not included response fromAirToHotelJourney and fromHotelToAirJourney)**

<b>adults</b>	Number of adults
<b>children</b>	Number of children
<b>childrenAges</b>	One item per child.
<b>fromAirToZoneJourney</b>	Air to Zone journey details as requested. Composed of:

airportId		Transfer departure site. An airport code.
establishmentId		Transfer destination. A hotel code if sent in request, in adverse case field will be return empty
flightInfo		Flight and transfer data, composed of:
	date	Transfer departure date/time.
	flightNumber	Flight number, composed of:
	company	Either the IATA or IACO code.
	fullNumber	Flight number in full. <b>Not in use.</b>
	number	Flight number.
	from	Departure airport.
	to	Arrival airport.
	zoneId	Transfer departure site. An Zone code
fromZoneToAirJourney		Zone to Air journey details as requested. Composed of::
airportId		Transfer destination site. An airport code.
establishmentId		Transfer destination. A hotel code if sent in request, in adverse case field will be return empty.
flightInfo		Flight and transfer data, composed of:
	date	Transfer departure date/time.
	flightNumber	Flight number, composed of:
	company	Either the IATA or IACO code.
	fullNumber	Flight number in full. <b>Not in use.</b>
	number	Flight number.
	from	Departure airport.
	to	Arrival airport.
	zoneId	Transfer departure site. A Zone code

<b>journeyDirection</b>		Requested journey direction. Values: <ul style="list-style-type: none"> <li>- Going: from airport to hotel.</li> <li>- Return: from hotel to airport.</li> <li>- Roundtrip (2 trips): from airport to hotel and from hotel to airport.</li> </ul>
<b>transferOption</b>		An option for the requested transfer. From 1 to n items in this response.
	<b>Direction</b>	Journey direction. Values: <ul style="list-style-type: none"> <li>- Going: from airport to hotel.</li> <li>- Return: from hotel to airport.</li> <li>- Roundtrip (2 trips): from airport to hotel and from hotel to airport.</li> </ul>
	<b>locationTextGoing</b>	Important information: available assistance if any, collection procedure, etc. Relevant for the Going transfer.
	<b>locationTextReturn</b>	Important information: available assistance if any, collection procedure, etc. Relevant for the Return transfer.
	<b>numVehicles</b>	Number of Vehicles for this option (zero indicates N/C).
	<b>price</b>	Transfer option price information object.
	<b>paxPrice</b>	Price per pax for this transfer option
	<b>currencyCode</b>	Currency code
	<b>value</b>	Amount per pax
	<b>priceType</b>	Price type. Values: <ul style="list-style-type: none"> <li>- PAX: price per pax</li> <li>- VEHICLE: price per vehicle.</li> </ul>
	<b>supplement</b>	Supplement object. From 0 to n. Required supplements already included in price.
	<b>currencyCode</b>	Currency code
	<b>description</b>	Supplement description
	<b>value</b>	Amount
	<b>total</b>	Total transfer price.
	<b>currencyCode</b>	Currency code
	<b>value</b>	Total transfer amount, including supplements.
	<b>unitPrice</b>	Price information object. From 1 to 2 items. Depends on <b>priceType</b>

			currencyCode	Currency code
			value	Amount per unit.
			paxType	Unit price type. Values: <ul style="list-style-type: none"> <li>- Vehicle: in case this is a per vehicle price (Private transfers)</li> <li>- Pax: in case this is a per pax price (Shuttle transfers)</li> </ul>
			serviceType	Service type. Values: <ul style="list-style-type: none"> <li>- Private: Private vehicle transfer</li> <li>- Shuttle: shared vehicle transfer</li> </ul>
			vehicleInfo	Vehicle information
			carId	Vehicle code.
			carName	Vehicle name.
			description	Vehicle description.
			imageUrl	Vehicle image url.
			numPassenger	Vehicle max capacity.
			Comments	Miscellaneous comments.
			Text	The value itself. See next note.
			Type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation term</b> ” : cancellation terms <u>by transfer</u>. The format is as follows: [ Release – Percent% ].</li> </ul> <p>For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</p> <p><b>Note:</b> it is not possible to cancel a transfer online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request”, and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms.</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation email</b> ” : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> <li>- “<b>Sales Commission percent</b>” : Comission applied</li> <li>- “<b>Sales Commission amount</b>” : Amount of the previous percent applied to the transfer price.</li> </ul>
			fromRow	Results search data: from row number.
			numRows	Results search data: row number.
			totalRows	Results search data: total row number.

**valuateV13**

It evaluates available transfer options for a given route. Able to ValauteTransfer By Zones

**valuateV13 Request**

Please see below Request when using Only search method Transfer By Zones (Not included request tags fromAirToHotelJourney and fromHotelToAirJourney)

agencyCode (required)	Agency code. Unique code for each customer.
brandCode (required)	Brand code. Same code for all methods.
pointOfSaleId (required)	Point of Sale. Same code for all methods.
journeyDirection (required)	Requested journey direction (values are case sensitive): <ul style="list-style-type: none"> <li>- <b>Going</b>: from airport to hotel.</li> <li>- <b>Return</b>: from hotel to airport.</li> <li>- <b>Roundtrip</b>: (2 trips): from airport to hotel and from hotel to airport.</li> </ul>
language (required)	Language sent in the response.
supplements	not in use
vehicleOccupancy (required)	<p>Vehicle occupancy data. Send from 1 to n items</p> <ul style="list-style-type: none"> <li>- <b>adults</b>: Number of adults</li> <li>- <b>children</b>: Number of children</li> <li>- <b>[childrenAges]</b>: children ages. One item per child.</li> <li>- <b>journeyDirection</b>: Requested journey direction. <ul style="list-style-type: none"> <li>- Going: from airport to hotel.</li> <li>- Return: from hotel to airport.</li> <li>- Roundtrip (2 trips): from airport to hotel and from hotel to airport.</li> </ul> </li> <li>- <b>[names]</b>: Passenger names (optional) several can be sent.</li> <li>- <b>numberOfVehicles</b>: Number of vehicles to be valuated (only in case of <b>serviceType</b> = Private)</li> <li>- <b>[optionalSupplement]</b>: Supplement information <ul style="list-style-type: none"> <li>- <b>quantity</b>: Quantity of this Supplement.</li> <li>- <b>supplementCode</b>: Code of this Supplement.</li> </ul> </li> <li>- <b>serviceType</b>: Service type. Values: <ul style="list-style-type: none"> <li>- Private</li> <li>- SHUTLE</li> </ul> </li> <li>- <b>vehicleTypeId</b>: vehicle type Id</li> </ul>

<p><b>fromAirToZoneJourney</b> (required if <b>journeyDirection</b> value = Going or Roundtrip)</p>	<p>Air to Zone journey details:</p> <ul style="list-style-type: none"> <li>- <b>airportId</b>: transfer airport departure code. Transfer departure site. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: transfer destination. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of: <ul style="list-style-type: none"> <li>64. <b>flightNumber</b>. Flight number, composed of: <ol style="list-style-type: none"> <li>1. <b>company</b>: Either the IATA or IACO code (example: British Airways codes are BA or BAW)</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>65. <b>date</b>: Flight arrival date and time. Note that it is required to send the arrival date and time here, not the departure date/time. This date will be used as transfer collection time.</li> <li>66. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>67. <b>from</b>: Departure airport. IATA code (optional).</li> <li>68. <b>localtime</b>: <b>not in use</b></li> <li>69. <b>to</b>: Arrival airport. IATA code (optional and should be the same airport as <b>airportId</b>)</li> <li>70. <b>zoneId</b>: transfer zone code. Transfer departure site. See method <b>getTransferZones</b></li> </ul> </li> </ul>
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<b>fromZoneToAirJourney</b> (required if <b>journeyDirection</b> value = Return or Roundtrip)	Hotel to Air journey details: <ul style="list-style-type: none"> <li>- <b>airportId</b>: Transfer airport destination code. Transfer destination. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: Transfer departure site. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of:             <ul style="list-style-type: none"> <li>71. <b>flightNumber</b>. Flight number, composed of:                 <ol style="list-style-type: none"> <li>1. <b>company</b>: Either the IATA or IACO code (example, for British Airways: BA or BAW).</li> <li>2. <b>number</b>: flight number (usually a 3 or 4 digit integer)</li> <li>3. <b>fullNumber</b>: flight number in full. <b>Not in use</b>.</li> </ol> </li> <li>72. <b>date</b>: Transfer departure date and time. Note that it is required and it is not the date/time departure flight but the transfer collection date/time and will be used as such.</li> <li>73. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>74. <b>from</b>: Departure airport. IATA code (optional and should be the same airport as airportId)</li> <li>75. <b>localtime</b>: <b>not in use</b></li> <li>76. <b>to</b>: Arrival airport. IATA code (optional).</li> <li>77. <b>zoneId</b>: transfer zone code. Transfer departure site. See method <b>getTransferZones</b></li> </ul> </li> </ul>
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### valuateV13 Response

Please see below response when using Only search method Transfer By Zones (Not included response fromAirToHotelJourney and fromHotelToAirJourney)

<b>amount</b>	<b>not in use.</b>
<b>comission</b>	<b>not in use.</b>
<b>date</b>	<b>not in use.</b>
<b>status</b>	<b>not in use.</b>
<b>journeyDirection</b>	Requested journey direction. Values: <ul style="list-style-type: none"> <li>- Going: from airport to hotel.</li> <li>- Return: from hotel to airport.</li> <li>- Roundtrip (2 trips): from airport to hotel and from hotel to airport.</li> </ul>

totalPaxes		Total number of paxes as requested.	
	adults	Number of adults.	
	children	Number of children.	
totalPrice		Total transfer price.	
	currencyCode	Currency code.	
	value	Total amount.	
transferOption		Details for requested transfer valuation.	
	Direction	Journey direction. Values: <ul style="list-style-type: none"><li>- Going: from airport to hotel.</li><li>- Return: from hotel to airport.</li><li>- Roundtrip (2 trips): from airport to hotel and from hotel to airport.</li></ul>	
	locationTextGoing	Important information: available assistance if any, collection procedure, etc. Relevant for the Going transfer.	
	locationTextReturn	Important information: available assistance if any, collection procedure, etc Relevant for the Return transfer.	
	numVehicles	Total Number of Vehicles	
	price	Transfer option price information object.	
	paxPrice		Price per pax for this transfer option
		currencyCode	Currency code
		value	Amount per pax
	priceType	Price type. Values: <ul style="list-style-type: none"><li>- PAX: price per pax</li><li>- VEHICLE: price per vehicle.</li></ul>	
	unitPrice	Price information object. From 1 to 2 items. Depends on priceType	
		currencyCode	Currency code
		value	Amount per unit
		paxType	Unit price type. Values: <ul style="list-style-type: none"><li>- Vehicle: in case this is a per vehicle price (Private transfers)</li><li>- Pax: in case this is a per pax price (Shuttle transfers)</li></ul>

	serviceType		Service type. Values: <ul style="list-style-type: none"><li>- Private: Private vehicle transfer</li><li>- Shuttle: shared vehicle transfer</li></ul>	
	vehicleInfo		Vehicle information	
		carId	Vehicle code	
		carName	Vehicle name	
		description	Vehicle description	
		imageUrl	Vehicle image URL	
		numPassenger	Vehicle max capacity	
	adults		Number of adults.	
	children		Number of children.	
	childrenAges		Ages of Children.	
	names		Pax names as requested.	
		Comments		Miscellaneous comments.
			Text	The value itself. See next note.
			Type	Comment type. Values: <ul style="list-style-type: none"><li>- “ <b>Cancellation term</b> “ : cancellation terms <u>by transfer</u>. The format is as follows: [ Release – Percent% ].</li></ul> <p>For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</p> <p><b>Note:</b> it is not possible to cancel a transfer online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request” and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms.</p> <ul style="list-style-type: none"><li>- “ <b>Cancellation email</b> “ : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li><li>- “<b>Sales Commission percent</b>” : Comission applied</li><li>- “<b>Sales Commission amount</b>” : Amount of the previous percent applied to the transfer price.</li></ul>
fromAirToZoneJourney		Air to Zone journey details as requested. Composed of:		
	airportId		Transfer departure site. An airport code.	
	establishmentId		Transfer destination. A hotel code. (will be empty if not sent in request)	
	flightInfo		Flight and transfer data, composed of:	
		date	Transfer departure date/time.	

	flightNumber		Flight number, composed of:	
		company	Either the IATA or IACO code.	
		fullNumber	Flight number in full. <b>Not in use.</b>	
		number	Flight number.	
	from		Departure airport.	
	to		Arrival airport.	
	zoneld		Transfer departure site. A Zone code	
	fromZoneToAirJourney			Zone to Air journey details as requested. Composed of:
	airportId			Transfer destination site. An airport code.
	establishmentId			Transfer departure site. A hotel code. . (will be empty if not sent in request)
flightInfo			Flight and transfer data, composed of:	
	date		Transfer departure date/time.	
	flightNumber		Flight number, composed of:	
		company	Either the IATA or IACO code.	
		fullNumber	Flight number in full. <b>Not in use.</b>	
		number	Flight number.	
	from		Departure airport.	
	to		Arrival airport.	
	zoneld		Transfer departure site. A Zone code	

**confirmV13**

It confirms a transfer booking. Able to ConfirmTransfer By Zones

**confirmV13 Request**

Please see below Request when using Only search method Transfer By Zones (Not included request tags fromAirToHotelJourney and fromHotelToAirJourney)

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>journeyDirection</b> (required)	Requested journey direction (values are case sensitive): <ul style="list-style-type: none"> <li>- <b>Going</b>: from airport to hotel.</li> <li>- <b>Return</b>: from hotel to airport.</li> <li>- <b>Roundtrip</b> (2 trips): from airport to hotel and from hotel to airport.</li> </ul>
<b>language</b> (required)	Language sent in the response.
<b>supplements</b>	Not in use
<b>vehicleOccupancy</b> (required)	Vehicle occupancy data. Send from 1 to n items <ul style="list-style-type: none"> <li>- <b>adults</b>: Number of adults</li> <li>- <b>children</b>: Number of children</li> <li>- <b>[childrenAges]</b>: children ages. One item per child.</li> <li>- <b>journeyDirection</b>: requested journey direction. <ul style="list-style-type: none"> <li>- Going: from airport to hotel.</li> <li>- Return: from hotel to airport.</li> <li>- Roundtrip (2 trips): from airport to hotel and from hotel to airport.</li> </ul> </li> <li>- <b>[names]</b>: Passenger names (optional) several can be sent.</li> <li>- <b>numberOfVehicles</b>: Number of vehicles to be valued (only in case of <b>serviceType</b> = Private)</li> <li>- <b>[optionalSupplement]</b>: Supplement information <ul style="list-style-type: none"> <li>- <b>quantity</b>: Quantity of this Supplement.</li> <li>- <b>supplementCode</b>: Code of this Supplement.</li> </ul> </li> <li>- <b>serviceType</b>: Service type (values are case sensitive). Values: <ul style="list-style-type: none"> <li>- <b>Private</b></li> <li>- <b>Shuttle</b></li> </ul> </li> <li>- <b>vehicleTypeId</b>: carId from availableTransfers response (empty if <b>serviceType</b> = Shuttle)</li> </ul>
<b>agencyReference</b>	Customers reference (locator) for this booking. Free text.
<b>basketId</b>	Basket code. An existing XTS basketId or a null value. If it is not specified, XTS will assign one basketId automatically. In any case the response object will return it.

closeBasket	<p>Boolean. Values (By default: True):</p> <ul style="list-style-type: none"> <li>- FALSE: this basket is open. It must be closed later with basketHandler confirm method or, either be canceled with basketHandler cancel method</li> <li>- TRUE: this basket is closed, documentation is sent, transfer provider receives booking confirmation, invoicing process is started.</li> </ul>
comments (required)	<p>An array: at least one booking comment should be sent, including the following information:</p> <ul style="list-style-type: none"> <li>- type : comment type (mandatory). CLIENT.</li> <li>- text : comment text (mandatory). Destination information, such as, Hotel name, Point of Interest or Postal Address.</li> </ul> <p>Besides, other comments you may consider necessary can be also included. In the same array structure:</p> <ul style="list-style-type: none"> <li>- type : comment type (mandatory). CLIENT.</li> <li>- text : comment text (mandatory). Free text.</li> </ul>
sendVoucher	<p>Boolean. Values:</p> <ul style="list-style-type: none"> <li>- FALSE: do not send voucher</li> <li>- TRUE: send voucher.</li> </ul>
Titular (required)	Main pax name.
userId	User code of the agency. You can use it as a search param in the getBaskets method
voucherEmail	E-mail address where voucher has to be sent.

<p><b>fromAirToZoneJourney</b> (required if <b>journeyDirection</b> value = Going or Roundtrip)</p>	<p>Air to Zone journey details:</p> <ul style="list-style-type: none"> <li>- <b>airportId</b>: Transfer airport departure code. Transfer departure site. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: Transfer destination. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of: <ul style="list-style-type: none"> <li>78. <b>flightNumber</b>. Flight number, composed of: <ol style="list-style-type: none"> <li>1. <b>company</b>: Either the IATA or IACO code (example: British Airways codes are BA or BAW)</li> <li>2. <b>fullNumber</b>: Flight number in full (optional).</li> <li>3. <b>number</b>: Flight number (usually a 3 or 4 digit integer)</li> </ol> </li> <li>79. <b>date</b>: Flight arrival date and time. Note that it is required to send the arrival date and time here, not the departure date/time. This date will be used as transfer collection time.</li> <li>80. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>81. <b>from</b>: Departure airport. IATA code (optional).</li> <li>82. <b>localTime</b>: <b>not in use</b></li> <li>83. <b>to</b>: Arrival airport. IATA code (optional and should be the same airport as airportId)</li> <li>84. <b>zoneId</b>: transfer zone code. Transfer departure site. See method <b>getTransferZones</b></li> </ul> </li> </ul>
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<b>fromZoneToAirJourney</b> (required if <b>journeyDirection</b> value = Return or Roundtrip)	Zone to Air journey details: <ul style="list-style-type: none"> <li>- <b>airportId</b>: Transfer airport destination code. Transfer destination. See method <b>getTransferAirports</b>.</li> <li>- <b>establishmentId</b>: transfer departure site. See method <b>getTransferEstablishments</b>.</li> <li>- <b>flightInfo</b>. Flight and transfer Information, composed of:             <ul style="list-style-type: none"> <li>85. <b>flightNumber</b>. Flight number, composed of:                 <ol style="list-style-type: none"> <li>1. <b>company</b>: either the IATA or IACO code (example, for British Airways: BA or BAW).</li> <li>2. <b>fullNumber</b>: Flight number in full (optional).</li> <li>3. <b>number</b>: Flight number (usually a 3 or 4 digit integer)</li> </ol> </li> <li>86. <b>date</b>: Transfer departure date and time. Note that it is required and it is not the date/time departure flight but the transfer collection date/time and will be used as such.</li> <li>87. <b>NOTE</b>: Pass XTS system the local time but you have to include the time zone in the date/time object; or you can always work in GMT or Zulu as long you calculate the difference</li> <li>88. <b>from</b>: Departure airport. IATA code (optional and should be the same airport as airportId)</li> <li>89. <b>localTime</b>: <b>not in use</b></li> <li>90. <b>to</b>: Arrival airport. IATA code (optional).</li> <li>91. <b>zoneId</b>: transfer zone code. Transfer departure site. See method <b>getTransferZones</b></li> </ul> </li> </ul>
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### confirmV13 Response

Please see below response when using Only search method Transfer By Zones (**Not included response fromAirToHotelJourney and fromHotelToAirJourney**)

<b>basket</b>	Basket data
<b>basketId</b>	Basket code
<b>cancelled</b>	Cancel data. Always set to 0.
<b>closed</b>	Closed data
<b>opened</b>	Opened data
<b>titular</b>	<b>not in use</b>



confirmService		One for each journey. Composed of:
	journeyDirection	Values: <ul style="list-style-type: none"> <li>- Going.</li> <li>- Return.</li> </ul>
	serviceId	Service code.
	transferJourney	Transfer data. Composed of:
	airportId	Transfer departure site. An airport code.
	establishmentId	Transfer destination. A hotel code.
	flightInfo	Flight and transfer data, composed of:
	date	Transfer departure date/time.
	flightNumber	Flight number, composed of:
	company	Either the IATA or IACO code.
	fullNumber	Flight number in full. <b>Not in use.</b>
	number	Flight number.
	from	Departure airport.
	localTime	Local Date and Time.
	to	Arrival airport.
	zoneId	Transfer departure site. A Zone code
	vehicleOccupancy	Vehicle Occupancy data. From 1 to n items. Composed of:
	adults	Number of adults.
	children	Number of children.
	childrenAge	Age of Children.
	journeyDirection	Not in use.
	names	Pax names as requested.
	numberOfVehicles	Number of vehicles assigned (If transfer is Private).

	<b>serviceType</b>		Values: - Private. - Shuttle.
	<b>vehicleTypeid</b>		Vehicle type code
	<b>locationTextGoing</b>		In case of Going transfer: Important information for transfer: collection procedure, etc.
	<b>locationTextReturn</b>		In case of Return transfer: Important information for transfer: collection procedure, etc.
	<b>price</b>		Transfer option price information object.
		<b>paxPrice</b>	Price per pax for this transfer option
		<b>currencyCode</b>	Currency code
		<b>value</b>	Amount per pax
		<b>priceType</b>	Price type. Values: - Pax: price per pax - Vehicle: price per vehicle.
		<b>supplement</b>	Supplement object. From 0 to n.
		<b>currencyCode</b>	Currency code
		<b>description</b>	Supplement description
		<b>value</b>	amount
		<b>Total</b>	Total transfer price.
		<b>currencyCode</b>	Currency code
		<b>value</b>	Total transfer amount
		<b>unitPrice</b>	Price information object. From 1 to 2 items. Depends on <b>priceType</b>
		<b>currencyCode</b>	Currency code
		<b>value</b>	Amount per unit.
		<b>paxType</b>	Unit price type. Values: - Vehicle: in case this is a per vehicle price (Private transfers) - Pax: in case this is a per pax price (Shuttle transfers)
	<b>serviceType</b>		Service type. Values: - Private: Private vehicle transfer

			- Shuttle: shared vehicle transfer
		<b>Comments</b>	Miscellaneous comments.
		<b>Text</b>	The value itself. See next note.
		<b>Type</b>	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation term</b> “ : cancellation terms <u>by transfer</u>. The format is as follows: [ Release – Percent% ].</li> </ul> <p>For example: 7 – 5.0% , means cancelling a booking from 7 days before checkin date has a 5.0% of total booking amount penalty.</p> <p><b>Note:</b> it is not possible to cancel a transfer online with a 100% percent penalty release ( when it applies ). You have to do it using the email, be aware of the fact the <u>booking cancellation request will remain “on request” and it is not confirmed</u>. Our staff will deal with it manually and contact your booking staff to confirm cancellation terms.</p> <ul style="list-style-type: none"> <li>- “ <b>Cancellation email</b> “ : email to request a manual booking cancellation, usefull when having a 100% cancellation penalty, see previous note.</li> <li>- “<b>Sales Commission percent</b>” : Comission applied</li> <li>- “<b>Sales Commission amount</b>” : Amount of the previous percent applied to the transfer price.</li> </ul>
		<b>journeyDirection</b>	<p>Values:</p> <ul style="list-style-type: none"> <li>- Going.</li> <li>- Return</li> <li>- Roundtrip</li> </ul>
		<b>status</b>	<p>Values:</p> <ul style="list-style-type: none"> <li>- CONFIMED</li> <li>- OPEN</li> </ul>
		<b>totalPrice</b>	Total transfer price
		<b>currencyCode</b>	Currency code
		<b>value</b>	Total amount.

## Appendix J. BasketHandlerService Deprecated services.

*Method:* **getBasket**

Method description : Returns details for all services included in a basket and status of the booking

getBasket request

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language wanted in the response.

<b>basketId</b> (required)	Basket code to be cancelled. All bookings (services) are included in a basket. The basketId of this basket is returned in the confirm method response of hotelBookingHandler.
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getBasket response

<b>agencyCode</b>	Agency code. Unique code for each customer.	
<b>agencyReference</b>	Refrecence sent by the agency when previously confirmed this basket.	
<b>basketId</b>	Basket code that has been cancelled (the same sent in the request)	
<b>Cancelled</b>	Cancellation date	
<b>Confirmed</b>	Confirmation date	
<b>From</b>	Booking date from	
<b>hotels</b>	Hotels item composed of several other items: basket, descripton, etc	
	<b>Basket</b>	Basket item composed of basketId, cancelled, closed, opened, and titular
	<b>basketId</b>	not in use
	<b>cancelled</b>	Cancellation date
	<b>closed</b>	Booking closed date
	<b>opened</b>	Booking opened date
	<b>titular</b>	Lead Pax
	<b>cancellationDate</b>	not in use
	<b>commision</b>	not in use
	<b>contractId</b>	not in use
	<b>description</b>	Hotel name
	<b>okDate</b>	not in use
	<b>pointOfSaleId</b>	not in use
	<b>positionInBasket</b>	Position in basket. Values: from 0 to n.
	<b>requestDate</b>	not in use
	<b>serviceId</b>	Service code

status			Service status. Values: <ul style="list-style-type: none"><li>- OPEN (service is not confirmed and if no action is taken will be autocancelled in a given time: usually 60 min)</li><li>- CLOSED (service is confirmed)</li><li>- PSEUDOCANCELLED (service is cancelled, previous status was OPEN)</li><li>- CANCELLED (service is cancelled, previous status was CLOSED)</li></ul>
Total			Total item composed of currencyCode and value.
	currencyCode		Currency Code. Values: EUR, GBP, etc
	Value		amount
userId			Agency user code if used in the request
valuationLines			valuationLines item composed of code, description, from, price,...
	code		Roomtype code
	description		Roomtype description
	from		Booking date from
	Price		Price item composed of currencyCode and value. Per room/pax price.
		currencyCode	Currency Code. Values: EUR, GBP, etc
		value	Amount
	priceType		Price type: per ROOM or per PAX-
	quantity		Number of rooms or paxes.
	status		Price status. Values: OK
	to		Booking date to
	total		Total item composed of currencyCode and value. Line price
		currencyCode	Currency Code. Values: EUR, GBP, etc
		Value	Amount
voucherUrl			not in use
Checkin			not in use
Checkout			not in use
establishmentId			Establishment code
Occupations			Occupations item composed of adults, amount, etc.

		adults		Number of adults
		amount		Amount item composed of currencyCode and value.
			currencyCode	Currency Code. Values: EUR, GBP, etc
			value	Amount
		boardTypeCode		Board Type Code. Values: AI, SC, etc see below
		boardTypeName		Board Type name
		children		Number of children
		childrenAges		Age of each child
		cancellationComments		They can include the cancellation terms and the e-mail address to claim cancellation penalties.
			from	Date from the comment applies.
			text	Comment text. If the type is Cancellation term, the format will be “d – aa.bb%”.
			to	Date to the comment applies.
			type	Type of cancellation comment: - Cancellation term - Cancellation e-mail
			fromDate	
	numberOfDays		Booking days number	
	numberOfRooms		Booking rooms number	
	roomTypeCode		Room type code. Values: TWN, DBL, etc See below	
	roomTypename		Room type namer	
	toDate		Booking to date	
opened			Booking formalization date.	
proFormaUrl			not in use	
status			Basket status. Value: CANCELLED.	
titular			Lead pax	
to			Booking to date	
total			Total item composed of currencyCode and value.	
	currencyCode		Currency Code. Values: EUR, GBP ,...	
	Value		Amount of cancellation penalty	

*cancel*

It cancels a booking/basket. It cancels all the services included in a basket.

*cancel Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language wanted in the response.
<b>basketId</b> (required)	Basket code to be cancelled. All bookings (services) are included in a basket. The basketId of this basket is returned in the confirm method response of hotelBookingHandler.
<b>comment</b>	Comments our customers may include in the cancellation.
<b>userId</b>	Agency user code. You can use it as a search param in the getBaskets Method.

*cancel Response*

agencyCode		Agency code. Unique code for each customer.	
agencyReference		Refrence sent by the agency when previously confirmed this basket.	
basketId		Basket code that has been cancelled (the same sent in the request)	
Cancelled		Cancellation date	
Confirmed		Confirmation date	
From		Booking date from	
hotels		Hotels item composed of several other items: basket, descripton, etc	
	Basket		Basket item composed of basketId, cancelled, closed, opened, and titular
		basketId	not in use
		cancelled	Cancellation date
		closed	Booking closed date

	opened	Booking opened date	
	titular	Lead Pax	
cancellationDate		not in use	
commision		not in use	
contractId		not in use	
description		Hotel name	
okDate		not in use	
pointOfSaleId		not in use	
positionInBasket		Position in basket. Values: from 0 to n.	
requestDate		not in use	
serviceId		Service code	
status		Service status. Values: <ul style="list-style-type: none"><li>- OPEN (service is not confirmed and if no action is taken will be autocancelled in a given time: usually 60 min)</li><li>- CLOSED (service is confirmed)</li><li>- PSEUDOCANCELLED (service is cancelled, previous status was OPEN)</li><li>- CANCELLED (service is cancelled, previous status was CLOSED)</li></ul>	
Total		Total item composed of currencyCode and value.	
	currencyCode	Currency Code. Values: EUR, GBP, etc	
	Value	amount	
userId		Agency user code if used in the request	
valuationLines		valuationLines item composed of code, description, from, price,...	
	code	Roomtype code	
	description	Roomtype description	
	from	Booking date from	
		Price	Price item composed of currencyCode and value. Per room/pax price.
		currencyCode	Currency Code. Values: EUR, GBP, etc
		value	Amount
	priceType		Price type: per ROOM or per PAX-
	quantity		Number of rooms or paxes.



		status	Price status. Values: OK
		to	Booking date to
		total	Total item composed of currencyCode and value. Line price
		currencyCode	Currency Code. Values: EUR, GBP, etc
		Value	Amount
	voucherUrl		not in use
	Checkin		not in use
	Checkout		not in use
	establishmentId		Establishment code
	Occupations		Occupations item composed of adults, amount, etc.
		adults	Number of adults
		amount	Amount item composed of currencyCode and value.
		currencyCode	Currency Code. Values: EUR, GBP, etc
		value	Amount
		boardTypeCode	Board Type Code. Values: AI, SC, etc see below
		boardTypeName	Board Type name
		children	Number of children
		childrenAges	Age of each child
		cancellationComments	They can include the cancellation terms and the e-mail address to claim cancellation penalties.
		from	Date from the comment applies.
		text	Comment text. If the type is Cancellation term, the format will be "d-aa.bb%".
		to	Date to the comment applies.
		type	Type of cancellation comment: - Cancellation term - Cancellation e-mail
		fromDate	Booking from date
		numberOfDays	Booking days number
		numberOfRooms	Booking rooms number
		roomTypeCode	Room type code. Values: TWN, DBL, etc See below
		roomTypename	Room type namer

	toDate	Booking to date
opened		Booking formalization date.
proFormaUrl		not in use
status		Basket status. Value: CANCELLED.
titular		Lead pax
to		Booking to date
total		Total item composed of <b>currencyCode</b> and <b>value</b> .
	currencyCode	Currency Code. Values: EUR, GBP,...
	Value	Amount of cancellation penalty

**cancelService**

It cancels one of the services included in a basket. The rest of services, remain in the basket unchanged.

**cancelService Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>ServiceId</b> (required)	Service code to be cancelled. All bookings automatically receive a <b>serviceId</b> which is returned in the confirm method response of <b>hotelBookingHandler</b> .
<b>comment</b>	Comments our customers may include in the cancellation.
<b>userId</b>	Agency user code. You can use it as a search param in the <b>getBaskets</b> method

**cancelService Response**

<b>agencyCode</b>	Agency code. Unique code for each customer.
<b>agencyReference</b>	Reference sent by the agency when previously confirmed this basket.
<b>basketId</b>	Basket code that has been cancelled (the same sent in the request)
<b>Cancelled</b>	Basket. Cancellation date. Value = nil (this is a service cancellation)

Confirmed		Basket. Confirmation date	
From		Booking date from	
hotels		Hotels item composed of several other items: basket, descripton, etc	
	Basket		Basket item composed of basketId, cancelled, closed, opened, and titular
		basketId	not in use
		cancelled	Basket. Cancellation date. Value = nil (this is a service cancellation)
		closed	Basket closed date
		opened	Basket opened date
		titular	Lead Pax
	cancellationDate		not in use
	commision		not in use
	contractId		not in use
	description		Hotel name
	okDate		not in use
	pointOfSaleId		not in use
	positionInBasket		Position in basket. Values: from 0 to n.
	requestDate		not in use
	serviceld		Service code
	status		Service status. Values: <ul style="list-style-type: none"><li>- OPEN (servicie is not confirmed and if no action is taken will be autocancelled in a given time: usually 60min)</li><li>- CLOSED (service is confirmed)</li><li>- PSEUDOCANCELLED (service is cancelled, previous status was OPEN)</li><li>- CANCELLED (service is cancelled, previous status was CLOSED)</li></ul>
	Total		Total item composed of currencyCode and value.
		currencyCode	Currency Code. Values: EUR, GBP, etc
		Value	amount
userId		Agency user code if used in the request	
valuationLines		valuationLines item composed of code, description, from, price,...	
	code	Roomtype code	

		description	Roomtype description
		from	Booking date from
		Price	Price item composed of currencyCode and value. Per room/pax price.
		currencyCode	Currency Code. Values: EUR, GBP, etc
			Amount
		priceType	Price type: per ROOM or per PAX-
		quantity	Number of rooms or paxes.
		status	Price status. Values: OK
		to	Booking date to
		total	Total item composed of currencyCode and value. Line price
		currencyCode	Currency Code. Values: EUR, GBP, etc
			Amount
		voucherUrl	not in use
		Checkin	not in use
		Checkout	not in use
		establishmentId	Establishment code
		Occupations	Occupations item composed of adults, amount, etc.
		adults	Number of adults
			Amount item composed of currencyCode and value.
		currencyCode	Currency Code. Values: EUR, GBP, etc
			Amount
		boardTypeCode	Board Type Code. Values: AI, SC, etc see below
		boardTypeName	Board Type name
		children	Number of children
		childrenAges	Age of each child
		fromDate	Booking from date
		numberOfDays	Booking days number
		numberOfRooms	Booking rooms number

		roomTypeCode	Room type code. Values: TWN, DBL, etc See below
		roomTypename	Room type namer
		toDate	Booking to date
opened		Booking formalization date.	
proFormaUrl		not in use	
status		Basket status.	
titular		Lead pax	
to		Booking to date	
total		Total item composed of currencyCode and value.	
	currencyCode	Currency Code. Values: EUR, GBP, etc	
	value	Amount of cancellation penalty	

### ***confirmAgencyReference***

Confirms all services (bookings) included in a basket. Basket status changes to CLOSED. Allows a new agencyReference to be sent for this basket. Basket must be OPENED to apply this change.

### ***confirmAgencyReference Request***

agencyCode (required)	Agency code. Unique code for each customer.
brandCode (required)	Brand code. Same code for all methods.
pointOfSaleId (required)	Point of Sale. Same code for all methods.
basketId (required)	Basket code to be confirmed. All bookings (services) are included in a basket. The basketId of this basket is returned in the confirm method response of hotelBookingHandler.
userId	Agency user code. You can use it as a search param in the getBaskets method
agencyReference	New agency reference for this basket. If sent, replaces the one sent in the first confirm.

### ***confirmAgencyReference Response***

agencyCode	Agency code. Unique code for each customer.
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agencyReference			Reference sent by the agency when this basket was previously confirmed.
basketId			Basket code that has been cancelled (the same sent in the request)
Cancelled			Basket. Cancellation date. Value = nil (this is a service cancellation)
Confirmed			Basket. Confirmation date
From			Booking date from
hotels			Hotels item composed of several other items: basket, descripton, etc
	Basket		Basket item composed of basketId, cancelled, closed, opened, and titular
		basketId	not in use
		cancelled	Basket. Cancellation date. Value = nil (this is a service cancellation)
		closed	Basket closed date
		opened	Basket opened date
		titular	Lead Pax
	cancellationDate		not in use
	commision		not in use
	contractId		not in use
	description		Hotel name
	okDate		not in use
	pointOfSaleId		not in use
	positionInBasket		Position in basket. Values: from 0 to n.
	requestDate		not in use
	servicId		Service code
	status		Service status. Values: <ul style="list-style-type: none"><li>- OPEN (servicie is not confirmed and if no action is taken will be autocancelled in a given time: usually 60min)</li><li>- CLOSED (service is confirmed)</li><li>- PSEUDOCANCELLED (service is cancelled, previous status was OPEN)</li><li>- CANCELLED (service is cancelled, previous status was CLOSED)</li></ul>
	Total		Total item composed of currencyCode and value. Hotel total amount
		currencyCode	Currency Code. Values: EUR, GBP, etc
		Value	amount

userId		Agency user code if used in the request	
valuationLines		valuationLines item composed of code, description, from, price,...	
	code	Roomtype code	
	description	Roomtype description	
	from	Booking date from	
	Price	Price item composed of currencyCode and value. Per room/pax price.	
		currencyCode	Currency Code. Values: EUR, GBP, etc
		value	Amount
	priceType	Price type: per ROOM or per PAX-	
	quantity	Number of rooms or paxes.	
	status	Price status. Values: OK	
	to	Booking date to	
	total	Total item composed of currencyCode and value. Line price	
		currencyCode	Currency Code. Values: EUR, GBP, etc
		Value	Amount
voucherUrl		not in use	
Checkin		not in use	
Checkout		not in use	
establishmentId		Establishment code	
Occupations		Occupations item composed of adults, amount, etc.	
	adults	Number of adults	
	amount	Amount item composed of currencyCode and value. Occupation price.	
		currencyCode	Currency Code. Values: EUR, GBP, etc
		value	Amount
	boardTypeCode	Board Type Code. Values: AI, SC, etc see below	
	boardTypeName	Board Type name	
	children	Number of children	
	childrenAges	Age of each child	

		fromDate	Booking from date
		numberOfDays	Booking days number
		numberOfRooms	Booking rooms number
		roomTypeCode	Room type code. Values: TWN, DBL, etc See below
		roomTypepname	Room type namer
		toDate	Booking to date
opened			Booking formalization date.
proFormaUrl			not in use
status			Basket status.
titular			Lead pax
to			Booking to date
total			Total item composed of currencyCode and value. Basket Total amount
	currencyCode	Currency Code. Values: EUR, GBP, etc	
	value	Amount	

### **confirmExtends**

Confirms all services (bookings) included in a basket. Basket status changes to CLOSED. Allows a new agencyReference titular, comments, doc email, userId to be sent for this basket. Basket must be OPENED to apply this change.

It is useful in case you don't know the titular name when you book leaving basket status OPEN.

### **confirmExtends Request**

agencyCode (required)	Agency code. Unique code for each customer.
brandCode (required)	Brand code. Same code for all methods.
pointOfSaleId (required)	Point of Sale. Same code for all methods.
basketId (required)	Basket code to be confirmed. All bookings (services) are included in a basket. The basketId of this basket is returned in the confirm method response of hotelBookingHandler.
userId	Agency user code. You can use it as a search parameter in the getBaskets method



agencyReference	New agency reference for this basket. If sent, replaces the one sent in the first confirm.
comments	Comments to be included.
sendDocumentationTo	Email addres to send documentation.
titular	For changing titular name.

*confirmExtends Response*

agencyCode		Agency code. Unique code for each customer.	
agencyReference		Reference sent by the agency when this basket was previously confirmed.	
basketId		Basket code that has been cancelled (the same sent in the request)	
Cancelled		Basket. Cancellation date. Value = nil (this is a service cancellation)	
Confirmed		Basket. Confirmation date	
From		Booking date from	
hotels		Hotels item composed of several other items: basket, descripton, etc	
	Basket		Basket item composed of basketId, cancelled, closed, opened, and titular
		basketId	not in use
		cancelled	Basket. Cancellation date. Value = nil (this is a service cancellation)
		closed	Basket closed date
		opened	Basket opened date
		titular	Lead Pax
	cancellationDate		not in use
	Comments		Comments item
		text	Commnent content. Free text, boolean or numeric depending on type

	type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>For all agencies:</b></li> <li>- <b>PVP / Retail price:</b> States if this is a net price or don't.</li> <li>- <b>OFFER:</b> States if the price includes any offer.</li> <li>- <b>For net prices agencies:</b></li> <li>- <b>PVP / Binding retail price amount:</b> Binding retail price amount.</li> <li>- <b>For commissionable prices agencies:</b></li> <li>- <b>Sales Commission percent:</b> sales commission percent</li> <li>- <b>Sales Commission amount:</b> sales commission amount.</li> </ul>
	commision	not in use
	contractId	not in use
	description	Hotel name
	okDate	not in use
	pointOfSaleId	not in use
	positionInBasket	Position in basket. Values: from 0 to n.
	requestDate	not in use
	serviceId	Service code
	status	<p>Service status. Values:</p> <ul style="list-style-type: none"> <li>- OPEN (service is not confirmed and if no action is taken will be autocancelled in a given time: usually 60min)</li> <li>- CLOSED (service is confirmed)</li> <li>- PSEUDOCANCELLED (service is cancelled, previous status was OPEN)</li> <li>- CANCELLED (service is cancelled, previous status was CLOSED)</li> </ul>
	Total	Total item composed of currencyCode and value. Hotel total amount
	currencyCode	Currency Code. Values: EUR, GBP, etc
	Value	amount
	userId	Agency user code if used in the request
	valuationLines	valuationLines item composed of code, description, from, price,...
	code	Roomtype code

		description	Roomtype description
		from	Booking date from
		Price	Price item composed of currencyCode and value. Per room price.
		currencyCode	Currency Code. Values: EUR, GBP, etc
			Amount
		priceType	Price type: per ROOM or per PAX-
		quantity	Number of rooms or paxes.
		status	Price status. Values: OK
		to	Booking date to
		total	Total item composed of currencyCode and value. Line price
		currencyCode	Currency Code. Values: EUR, GBP, etc
			Amount
		voucherUrl	not in use
		Checkin	not in use
		Checkout	not in use
		establishmentId	Establishment code
		Occupations	Occupations item composed of adults, amount, etc.
		adults	Number of adults
			Amount item composed of currencyCode and value. Occupation price.
		currencyCode	Currency Code. Values: EUR, GBP, etc
			Amount
		boardTypeCode	Board Type Code. Values: AI, SC, etc see below
		boardTypeName	Board Type name
		cancellationComments	Cancellation Comment item
		from	Not in use
			Cancellation Comment content. Free text.
			Not in use

		<b>type</b>	Cancellation Comments Type. Values: <ul style="list-style-type: none"> <li>- Cancellation term: description of cancellation term.</li> <li>- Cancellation email: e-mail where send cancellation.</li> </ul>
		<b>children</b>	Number of children
		<b>childrenAges</b>	Age of each child
		<b>fromDate</b>	Booking from date
		<b>numberOfDays</b>	Booking days number
		<b>numberOfRooms</b>	Booking rooms number
		<b>roomTypeCode</b>	Room type code. Values: TWN, DBL, etc See below
		<b>roomTypename</b>	Room type namer
		<b>toDate</b>	Booking to date
	<b>opened</b>		Booking formalization date.
	<b>proFormaUrl</b>		not in use
	<b>status</b>		Basket status.
	<b>titular</b>		Lead pax
	<b>to</b>		Booking to date
	<b>total</b>		Total item composed of <b>currencyCode</b> and <b>value</b> . Basket Total amount
	<b>currencyCode</b>		Currency Code. Values: EUR, GBP, etc
	<b>value</b>		Amount

### ***confirmExtendsV2***

Confirms all services (bookings) included in a basket. Basket status changes to CLOSED. Allows a new agencyReference titular, comments, doc email, userId to be sent for this basket. Basket must be OPENED to apply this change. Also you can include paxList using this new method.

It is useful in case you don't know the titular name when you book leaving basket status OPEN

### ***confirmExtendsV2 Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.

<b>basketId</b> (required)	Basket code to be confirmed. All bookings (services) are included in a basket. The basketId of this basket is returned in the confirm method response of hotelBookingHandler.
<b>userId</b>	Agency user code. You can use it as a search parameter in the getBaskets method
<b>agencyReference</b>	New agency reference for this basket. If sent, replaces the one sent in the first confirm.
<b>comments</b>	Comments to be included.
<b>sendDocumentationTo</b>	Email addres to send documentation.
<b>titular</b>	For changing titular name.
<b>paxList</b>	<p>Passenger list. Informative. A range of several passengers by room data can be sent. Each element composed of:</p> <ul style="list-style-type: none"> <li>- <b>[paxNames]</b> : a list of several passengers names can be sent. Each element composed of:</li> <li>- <b>roomTypeCode</b> : room type code for the passengers specified above.</li> </ul>

*confirmExtendsV2 Response*

agencyCode		Agency code. Unique code for each customer.	
agencyReference		Reference sent by the agency when this basket was previously confirmed.	
basketId		Basket code that has been cancelled (the same sent in the request)	
Cancelled		Basket. Cancellation date. Value = nil (this is a service cancellation)	
Confirmed		Basket. Confirmation date	
From		Booking date from	
hotels		Hotels item composed of several other items: basket, descripton, etc	
	Basket		Basket item composed of basketId, cancelled, closed, opened, and titular
		basketId	not in use
		cancelled	Basket. Cancellation date. Value = nil (this is a service cancellation)
		closed	Basket closed date
		opened	Basket opened date
		titular	Lead Pax

cancellationDate	not in use
Comments	Comments item
text	Comment content. Free text, boolean or numeric depending on type
type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>For all agencies:</b></li> <li>- <b>PVP / Retail price:</b> States if this is a net price or don't.</li> <li>- <b>OFFER:</b> States if the price includes any offer.</li> <li>- <b>For net prices agencies:</b></li> <li>- <b>PVP / Binding retail price amount:</b> Binding retail price amount.</li> <li>- <b>For commissionable prices agencies:</b></li> <li>- <b>Sales Commission percent:</b> sales commission percent</li> <li>- <b>Sales Commission amount:</b> sales commission amount.</li> <li>- <b>CH Policy: (If Applies)</b> At least 1 CH is handled by the system as an infant or an</li> </ul>
commision	not in use
contractId	not in use
description	Hotel name
okDate	not in use
pointOfSaleId	not in use
positionInBasket	Position in basket. Values: from 0 to n.
requestDate	not in use
serviceId	Service code
status	<p>Service status. Values:</p> <ul style="list-style-type: none"> <li>- OPEN (service is not confirmed and if no action is taken will be autocancelled in a given time: usually 60min)</li> <li>- CLOSED (service is confirmed)</li> <li>- PSEUDOCANCELLED (service is cancelled, previous status was OPEN)</li> <li>- CANCELLED (service is cancelled, previous status was CLOSED)</li> </ul>
Total	Total item composed of currencyCode and value. Hotel total amount
currencyCode	Currency Code. Values: EUR, GBP, etc
Value	amount

userId		Agency user code if used in the request	
valuationLines		valuationLines item composed of code, description, from, price,...	
	code	Roomtype code	
	description	Roomtype description	
	from	Booking date from	
	Price	Price item composed of currencyCode and value. Per room price.	
		currencyCode	Currency Code. Values: EUR, GBP, etc
		value	Amount
	priceType	Price type: per ROOM or per PAX-	
	quantity	Number of rooms or paxes.	
	status	Price status. Values: OK	
	to	Booking date to	
	total	Total item composed of currencyCode and value. Line price	
		currencyCode	Currency Code. Values: EUR, GBP, etc
Value		Amount	
voucherUrl		not in use	
Checkin		not in use	
Checkout		not in use	
establishmentId		Establishment code	
Occupations		Occupations item composed of adults, amount, etc.	
	adults	Number of adults	
	amount	Amount item composed of currencyCode and value. Occupation price.	
		currencyCode	Currency Code. Values: EUR, GBP, etc
		value	Amount
	boardTypeCode	Board Type Code. Values: AI, SC, etc see below	
	boardTypeName	Board Type name	
	cancellationComments	Cancellation Commnent item	
		from	Not in use

			text	Cancellation Commnent content. Free text.
			To	Not in use
			type	Cancellation Comments Type. Values: <ul style="list-style-type: none"><li>- Cancellation term: description of cancellation term.</li><li>- Cancellation email: e-mail where send cancellation.</li></ul>
			children	Number of children
			childrenAges	Age of each child
			fromDate	Booking from date
			numberOfDays	Booking days number
			numberOfRooms	Booking rooms number
			roomTypeCode	Room type code. Values: TWN, DBL, etc See below
			roomTypename	Room type namer
		toDate	Booking to date	
opened				Booking formalization date.
proFormaUrl				not in use
status				Basket status.
titular				Lead pax
to				Booking to date
total				Total item composed of currencyCode and value. Basket Total amount
	currencyCode			Currency Code. Values: EUR, GBP, etc
	value			Amount

**getBasketEntendedV12**

Returns details for all services included in a basket.

**getBasketEntendedV12 Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.



<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>basketId</b> (required)	Basket code to returned. All bookings (services) are included in a basket. The basketId of this basket is returned in the confirm method response of hotelBookingHandler.

*getBasketExtendedV12 Response*

agencyCode		Agency code. Unique code for each customer.	
agencyReference		Reference sent by the agency when this basket was previously confirmed.	
basketId		Basket code that has been cancelled (the same Id sent in the request)	
Cancelled		Basket. Cancellation date. Value = nil (this is a service cancellation)	
Confirmed		Basket. Confirmation date	
From		Booking date from	
hotels		Hotels item. hotel booking service, composed of:	
	Basket		Basket item composed of basketId, cancelled, closed, opened, and titular
		basketId	not in use
		cancelled	Basket. Cancellation date. Value = nil (this is a service cancellation)
		closed	Basket closed date
		opened	Basket opened date
		titular	Lead Pax
	cancellationDate		not in use
	Comments		Comments item
		text	Commnent content. Free text, boolean or numeric depending on type

	<p>type</p> <p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>For all agencies:</b></li> <li>- <b>PVP / Retail price:</b> States if this is a net price o don't.</li> <li>- <b>OFFER:</b> States if the price includes any offer.</li> <li>- <b>For net prices agencies:</b></li> <li>- <b>PVP / Binding retail price amount:</b> Binding retail price amount.</li> <li>- <b>For commissionable prices agencies:</b></li> <li>- Sales Commission percent: sales commission percent</li> <li>- Sales Commission amount: sales commission amount.</li> <li>- <b>For direct payment prices (Direct Client Payment = true):</b></li> <li>- Direct Client Payment: in this case, text values = boolean (true or false). If true:</li> <li>- Commissionable: in this case, text values = boolean (true or false).</li> <li>- Commission Percent: in this case, text values = numeric. If Commissionable = true, this comment will hold the comission percent. For instance: 20.0 (this means a 20% commission)</li> <li>- Fiscal Data- VAT Number: hotel VAT number.</li> <li>- Fiscal Data- Company Name: company name</li> <li>- Fiscal Data- Observations: comments</li> <li>- Fiscal Data- Address- Address1: address data field 1</li> <li>- Fiscal Data- Address- Address2: address data field 2</li> <li>- Fiscal Data- Address- Email: comapany e-mail</li> <li>- Fiscal Data- Address- Fax: company fax number</li> <li>- Fiscal Data- Address- Name: company address name</li> <li>- Fiscal Data- Address- Postal Code: company postal code</li> <li>- Fiscal Data- Address- Telephone: company telephone number</li> </ul>
	<p>commision</p> <p>not in use</p>
	<p>contractId</p> <p>not in use</p>
	<p>description</p> <p>Hotel name</p>
	<p>okDate</p> <p>not in use</p>
	<p>pointOfSaleId</p> <p>not in use</p>
	<p>positionInBasket</p> <p>Position in basket. Values: from 0 to n.</p>
	<p>requestDate</p> <p>not in use</p>

serviceld		Service code
status		Service status. Values: <ul style="list-style-type: none"> <li>- OPEN (service is not confirmed and if no action is taken will be autocancelled in a given time: usually 60min)</li> <li>- CLOSED (service is confirmed)</li> <li>- PSEUDOCANCELLED (service is cancelled, previous status was OPEN)</li> <li>- CANCELLED (service is cancelled, previous status was CLOSED)</li> </ul>
Total		Total item composed of currencyCode and value. Hotel total amount
	currencyCode	Currency Code. Values: EUR, GBP, etc
	Value	amount
userId		Agency user code if used in the request
valuationLines		valuationLines item composed of code, description, from, price,...
	code	Roomtype code
	description	Roomtype description
	from	Booking date from
	Price	Price item composed of currencyCode and value. Per room price.
	currencyCode	Currency Code. Values: EUR, GBP, etc
		Amount
	priceType	Price type: Values: <ul style="list-style-type: none"> <li>- ROOM</li> <li>- PAX</li> </ul>
	quantity	Number of rooms or paxes.
	status	Price status. Values: OK
	to	Booking date to
	total	Total item composed of currencyCode and value. Line price
	currencyCode	Currency Code. Values: EUR, GBP, etc
		Amount
	Value	Amount
voucherUrl		not in use
Checkin		not in use
Checkout		not in use
establishmentId		Establishment code
Occupations		Occupations item composed of adults, amount, etc.

		adults		Number of adults
		amount		Amount item composed of currencyCode and value. Occupation price.
			currencyCode	Currency Code. Values: EUR, GBP, etc
			value	Amount
		boardTypeCode		Board Type Code. Values: AI, SC, etc see below
		boardTypeName		Board Type name
		cancellationComments		Cancellation Commnent item
			from	Not in use
			text	Cancellation Commnent content. Free text.
			To	Not in use
			type	Cancellation Comments Type. Values: - Cancellation term: description of cancellation term. - Cancellation email: e-mail where send cancellation.
		children		Number of children
		childrenAges		Age of each child
		fromDate		Booking from date
		numberOfDays		Booking days number
		numberOfRooms		Booking rooms number
		roomTypeCode		Room type code. Values: TWN, DBL, etc See below
		roomTypename		Room type namer
		toDate		Booking to date
			paxList	
			paxNames	One per pax.
			roomTypeCode	Room type code for this occupancy.
opened		Booking formalization date.		
proFormaUrl		not in use		
status		Basket status.		
titular		Lead pax		

to	Booking to date
total	Total item composed of <b>currencyCode</b> and <b>value</b> . Basket Total amount
<b>currencyCode</b>	Currency Code. Values: EUR, GBP, etc
<b>value</b>	Amount

*For Car Rental services:*

<b>agencyCode</b>	Agency code. Unique code for each customer.
<b>agencyReference</b>	Reference sent by the agency when this basket was previously confirmed.
<b>basketId</b>	Basket code that has been cancelled (the same Id sent in the request)
<b>Cancelled</b>	Basket. Cancellation date. Value = nil (this is a service cancellation)
<b>cars</b>	Cars item. Car rental service composed of:
<b>Basket</b>	Basket item composed of basketId, cancelled, closed, opened, and titular
<b>basketId</b>	not in use
<b>cancelled</b>	Basket. Cancellation date. Value = nil (this is a service cancellation)
<b>closed</b>	Basket closed date
<b>opened</b>	Basket opened date
<b>titular</b>	Lead Pax
<b>cancellationDate</b>	not in use
<b>Comments</b>	Comments item
<b>text</b>	Comment content. Free text, boolean or numeric depending on type
<b>type</b>	Comment type. Values: <ul style="list-style-type: none"> <li>- USERID: user who execute cancellation.</li> <li>- GENERAL: free text for conditions.</li> <li>- CancelTerm: cancellation terms.</li> </ul>
<b>commision</b>	not in use
<b>contractId</b>	not in use
<b>description</b>	Number of cars + car code + number of days
<b>okDate</b>	not in use

pointOfSaleId		not in use
positionInBasket		Position in basket. Values: from 0 to n.
requestDate		not in use
serviceId		Service code
status		Service status. Values: <ul style="list-style-type: none"> <li>- OPEN (service is not confirmed and if no action is taken will be autocancelled in a given time: usually 60min)</li> <li>- CLOSED (service is confirmed)</li> <li>- PSEUDOCANCELLED (service is cancelled, previous status was OPEN)</li> <li>- CANCELLED (service is cancelled, previous status was CLOSED)</li> </ul>
Total		Total item composed of currencyCode and value. Service total amount
	currencyCode	Currency Code. Values: EUR, GBP, etc
	Value	amount
userId		Agency user code if used in the request
valuationLines		valuationLines item composed of code, description, from, price,...
	code	Car code
	description	Service description
	from	Booking date from
	Price	Price item composed of currencyCode and value. Per room price.
	currencyCode	Currency Code. Values: EUR, GBP, etc
	value	Amount
	priceType	Price type: Values: CAR
	quantity	Number of cars.
	status	Price status. Values: OK
	to	Booking date to
	total	Total item composed of currencyCode and value. Line price
	currencyCode	Currency Code. Values: EUR, GBP, etc
	Value	Amount
voucherUrl		not in use
Checkin		not in use

Checkout		not in use
carInfo		Car Info item, composed of code, description and sample:
	code	Car code
	description	Service description
	sample	Car sample
checkin		Check in item, composed of date and station:
	date	Checkin date (booking end date)
	station	Station (car rental office) item, composed of address and open hours:
	address1	Address 1 field
	address2	Address 2 field
	areaType	Area Type. Values: <ul style="list-style-type: none"> <li>- C: City</li> <li>- D: Chaffeur Drive Station</li> <li>- E: East Suburb</li> <li>- L: Railway Station</li> <li>- N: North Suburb</li> <li>- O: Off Terminal</li> <li>- P: Ferry Station</li> <li>- R: Resort</li> <li>- S: South Suburb</li> <li>- T: Airport Terminal</li> </ul>
	cityName	City name
	code	Station code
	collection	Collection. Values: <ul style="list-style-type: none"> <li>- F: Free Sales</li> <li>- (R: On Request.) Since any On Request valuation will return an exception, you will never get an R value for this</li> </ul>
	countryCode	Country code
	countryName	Country name
	delivery	Delivery. Values: <ul style="list-style-type: none"> <li>- F: Free Sales</li> <li>- (R: On Request.) Since any On Request valuation will return an exception, you will never get an R value for this</li> </ul>
	fax	Station fax number
	name	Station name
	openHours	Station opening hours, composed of:

		afterHoursCharge	After hours charge, it's applied if it is out of openTime – closeTime time range
		currencyCode	Currency code
		value	Amount
		closeTime	Station closing time
		openTime	Station opening time.
		type	Open hour's type. Values: <ul style="list-style-type: none"> <li>- A: AfterHours. Booking is ON REQUEST (and therefore not allowed)</li> <li>- N: Normal Hours</li> </ul>
		Phone	Station phone
		postalCode	Station postal code
		checkout	Check out item, composed of date and station:
		date	Checkout date (booking start date)
		station	Station (car rental office) item, composed of address and open hours:
		address1	Address 1 field
		address2	Address 2 field
		areaType	Area Type. Values <ul style="list-style-type: none"> <li>- C: City</li> <li>- D: Chaffeur Drive</li> <li>- Station</li> <li>- E: East Suburb</li> <li>- L: Railway Station</li> <li>- N: North Suburb</li> <li>- O: Off Terminal</li> <li>- P: FerryStatio</li> <li>- R: Resort</li> <li>- S: South Suburb</li> <li>- T: Airport Terminal</li> </ul>
		cityName	City name
		code	Station code
		collection	Collection. Values: <ul style="list-style-type: none"> <li>- F: Free Sales</li> <li>- (R: On Request) Since any On Request valuation will return an exception, you will never get an R value for this item.</li> <li>- N: Normal Hours</li> </ul>
		countryCode	Country code
		countryName	Country name
		delivery	Delivery. Values: <ul style="list-style-type: none"> <li>- F: Free Sales</li> <li>- (R: On Request) Since any On Request valuation will return an exception, you will never get an R value for this item.</li> <li>- N: Normal Hours</li> </ul>



			fax	Station fax number
			name	Station name
			openHours	Station open hours, each composed of:
			afterHoursCharge	After hours charge, it's applied if it is out of openTime – closeTime time range
			currencyCode	Currency code
			value	Amount
			closeTime	Station closing time
			openTime	Station opening time.
			type	Open hour's type. Values: - A: AfterHours. Booking is ON REQUEST (and therefore not allowed) - N: Normal Hours
			Phone	Station phone
postalCode			Station postal code	
driver			Driver item. composed of:	
		age	Driver age	
		countryOfResidence	DriverCountryOfResidence	
		driverId	Driver Id	
		firstName	Driver first name	
		lastName	Driver last name	
confirmed			Booking CLOSED date date	
from			From date.	
opened			Booking formalization date.	
proFormaUrl			not in use	
status			Basket status.	
titular			Lead pax	
to			Booking to date	
total			Total item composed of currencyCode and value. Basket Total amount	
	currencyCode		Currency Code. Values: EUR, GBP, etc	
	value		Amount	

**getBaskets**

Returns all baskets according to search parameters : dates, titular, ... With a maximum of 300 rows.

*getBaskets Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>basketId</b>	Basket code to be returned (if sent, this method works like the getBasket method). All bookings (services) are included in a basket. The basketId of this basket is returned in the confirm method response of hotelBookingHandler.
<b>fromConfirmDate</b>	from date: confirm date
<b>toConfirmDate</b>	to date: confirm date
<b>fromRow</b> (required)	From which row the response will be formed. . You can set it at 0, it is a required parameter.
<b>numRows</b> (required)	Number of rows sent by the response.
<b>fromServiceStart</b>	From date: Service start date.
<b>toServiceStart</b>	To date: Service start date.
<b>titular</b>	Lead pax name
<b>fromLastUpdateDate</b>	From date: Last update date
<b>toLastUpdateDate</b>	To date: Last update date
<b>statuses</b>	Statuses. Values: <ul style="list-style-type: none"> <li>- OPEN</li> <li>- CLOSED</li> <li>- CANCELLED</li> <li>- CONFIRMED (same as CLOSED)</li> </ul>
<b>userId</b>	User code of the agency user.
<b>wasOnRequest</b>	Always false: <ul style="list-style-type: none"> <li>- true: results include on-request results (presently this feature is disabled)</li> <li>- false: only on-line</li> </ul>
<b>yourReference</b>	Agency's reference.

*getBaskets Response*

FromRow		From row number
results		Result item composed of several tags. One result per basket found.
	BasketId	Basket code
	confirmDate	Basket confirm date
	description	Basket description. <b>Not in use</b>
	pointOSaleId	Basket point of sale code. <b>Not in use</b>
	resort	Basket resort. Value: RESORT. <b>Not in use</b>
	servicesEnd	Basket services end date (last end date of all services)
	servicesStart	Basket services start date (first start date of all services)
	status	Basket status. Values:
	titular	Lead pax
	total	Total item composed of <b>currencyCode</b> and <b>value</b> . Basket price.
	currencyCode	Currency Code.
	value	Value
	userId	XTS user for this basket
toRow		To row number
totalRows		Total row number (total basket number for this query)

### **valueCancellation**

Returns a cancellation valuation for all services included in a basket. If the cancellation cannot be performed due to cancellation terms, it returns an exception.

### **valueCancellation Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>basketId</b> (required)	Basket code to be valued. All bookings (services) are included in a basket. The basketId of this basket is returned in the confirm method response of hotelBookingHandler

*valuateCancellation Response*

agencyCode		Agency code. Unique code for each customer.	
agencyReference		Reference sent by the agency when previously confirmed this basket.	
basketId		Basket code that has been cancelled (the same sent in the request)	
Cancelled		Basket. Cancellation date. Value = nil	
Confirmed		Basket. Confirmation date	
From		Booking date from	
hotels		Hotels item composed of several other items: basket, descripton, etc	
	Basket		Basket item composed of basketId, cancelled, closed, opened, and titular
		basketId	not in use
		cancelled	Basket. Cancellation date. Value = nil (this is a service cancellation)
		closed	Basket closed date
		opened	Basket opened date
		titular	Lead Pax
	cancellationDate		not in use
	Commission		not in use
	contractId		not in use
	description		Hotel name
	okDate		not in use
	pointOfSaleId		not in use
	positionInBasket		Position in basket. Values: from 0 to n.
	requestDate		not in use
	servicId		Service code
	status		Service status. Values: <ul style="list-style-type: none"><li>- OPEN (servicie is not confirmed and if no action is taken will be autocancelled in a given time: usually 60min)</li><li>- CLOSED (service is confirmed)</li><li>- PSEUDOCANCELLED (service is cancelled, previous status was OPEN)</li><li>- CANCELLED (service is cancelled, previous status was CLOSED)</li></ul>

Total		Total item composed of currencyCode and value. Hotel total amount if status were CANCELLED	
	currencyCode	Currency Code. Values: EUR, GBP, etc	
	Value	amount	
userId		Agency user code if used in the request. A XTS user	
valuationLines		valuationLines item composed of code, description, from, price,...	
	code	Valuation line code. Value: CHT (cancel Hotel)	
	description	Valuation line description. Value: "cancellation of hotel service+service code"	
	from	Booking (service) date from	
	Price	Price item composed of currencyCode and value. Per service price.	
		currencyCode	Currency Code. Values: EUR, GBP, etc
		value	Amount
	priceType	Price type: per BOOKING (service)-	
	quantity	Number of rooms or paxes.	
	status	Price status. Values: VALUATION	
	to	Booking date to	
	total	Total item composed of currencyCode and value. Line price	
		currencyCode	Currency Code. Values: EUR, GBP, etc
		Value	Amount
	voucherUrl	not in use	
	Checkin	not in use	
	Checkout	not in use	
	establishmentId	Establishment code	
	Occupations	Occupations item composed of adults, amount, etc.	
	adults	Number of adults	
		amount	Amount item composed of currencyCode and value. Occupation price.
		currencyCode	Currency Code. Values: EUR, GBP, etc
		value	Amount
	boardTypeCode	Board Type Code. Values: AI, SC, etc see below	

	<b>boardTypeName</b>	Board Type name
	<b>children</b>	Number of children
	<b>childrenAges</b>	Age of each child
	<b>fromDate</b>	Booking from date
	<b>numberOfDays</b>	Booking days number
	<b>numberOfRooms</b>	Booking rooms number
	<b>roomTypeCode</b>	Room type code. Values: TWN, DBL, etc See below
	<b>roomTypename</b>	Room type namer
	<b>toDate</b>	Booking to date
<b>opened</b>		Booking formalization date.
<b>proFormaUrl</b>		not in use
<b>status</b>		Basket status. Value: CANCELLED. (only implies what valuations are, according this value. to get real status use getBasket)
<b>titular</b>		Lead pax
<b>to</b>		Booking to date
<b>total</b>		Total item composed of <b>currencyCode</b> and <b>value</b> . Basket Total amount
	<b>currencyCode</b>	Currency Code. Values: EUR, GBP, etc
	<b>value</b>	Amount

### ***valueServiceCancellation***

Returns cancellation valuation for one service.

### ***valueServiceCancellation Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>serviceld</b> (required)	Service code to be valued. All bookings (services) receive a serviceld automatically which is returned in the confirm method response of ws hotelBookingHandler.

*valuateServiceCancellation Response*

agencyCode			Agency code. Unique code for each customer.
agencyReference			Reference sent by the agency when this basket was previously confirmed.
basketId			Basket code that has been cancelled (the same sent in the request)
Cancelled			Basket. Cancellation date. Value = nil
Confirmed			Basket. Confirmation date
From			Booking date from
hotels			Hotels item composed of several other items: basket, descripton, etc
	Basket		Basket item composed of basketId, cancelled, closed, opened, and titular
		basketId	not in use
		cancelled	Basket. Cancellation date. Value = nil (this is a service cancellation)
		closed	Basket closed date
		opened	Basket opened date
		titular	Lead Pax
	cancellationDate		not in use
	commision		not in use
	contractId		not in use
	description		Hotel name
	okDate		not in use
	pointOfSaleId		not in use
	positionInBasket		Position in basket. Values: from 0 to n.
	requestDate		not in use
	servicId		Service code
	status		Service status. Values: <ul style="list-style-type: none"><li>- OPEN (servicie is not confirmed and if no action is taken will be autocancelled in a given time: usually 60min)</li><li>- CLOSED (service is confirmed)</li><li>- PSEUDOCANCELLED (service is cancelled, previous status was OPEN)</li><li>- CANCELLED (service is cancelled, previous status was CLOSED)</li></ul>
	Total		Total item composed of currencyCode and value. Hotel total amount if status was CANCELLED.

	currencyCode		Currency Code. Values: EUR, GBP, etc
	Value		amount
userId			Agency user code if used in the request. An XTS user.
valuationLines			valuationLines item composed of code, description, from, price,...
	code		Valuation line code. Value: CHT (cancel Hotel)
	description		Valuation line description. Value: "cancellation of hotel service+service code"
	from		Booking (service) date from
	Price		Price item composed of currencyCode and value. Per service price.
		currencyCode	Currency Code. Values: EUR, GBP, etc
		value	Amount
	priceType		Price type: per BOOKING (service)
	quantity		Number of rooms or paxes.
	status		Price status. Values: VALUATION
	to		Booking date to
	total		Total item composed of currencyCode and value. Line price
		currencyCode	Currency Code. Values: EUR, GBP, etc
		Value	Amount
	voucherUrl		not in use
	Checkin		not in use
	Checkout		not in use
	establishmentId		Establishment code
	Occupations		Occupations item composed of adults, amount, etc.
		adults	Number of adults
		amount	Amount item composed of currencyCode and value. Occupation price.
		currencyCode	Currency Code. Values: EUR, GBP, etc
		value	Amount
	boardTypeCode		Board Type Code. Values: AI, SC, etc see below
	boardTypeName		Board Type name



	<b>children</b>	Number of children
	<b>childrenAges</b>	Age of each child
	<b>fromDate</b>	Booking from date
	<b>numberOfDays</b>	Booking days number
	<b>numberOfRooms</b>	Booking rooms number
	<b>roomTypeCode</b>	Room type code. Values: TWN, DBL, etc See below
	<b>roomTypename</b>	Room type namer
	<b>toDate</b>	Booking to date
<b>opened</b>		Booking formalization date.
<b>proFormaUrl</b>		not in use
<b>status</b>		Basket status. Value: CANCELLED. (only implies what valuations are, according this value. to get real status use getBasket)
<b>titular</b>		Lead pax
<b>to</b>		Booking to date
<b>total</b>		Total item composed of <b>currencyCode</b> and <b>value</b> . Basket Total amount
	<b>currencyCode</b>	Currency Code. Values: EUR, GBP, etc
	<b>value</b>	Amount

**getBasketExtendedV13**

Returns details for all services included in a basket. Include Erratas CITY TAX and RESORT FEE information.

**getBasketExtendedV13 Request**

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>basketId</b> (required)	Basket code to returned. All bookings (services) are included in a basket. The basketId of this basket is returned in the confirm method response of hotelBookingHandler.

**getBasketExtendedV13 Response**

Return all services included in basket. For Hotel Services:

agencyCode		Agency code. Unique code for each customer.	
agencyReference		Reference sent by the agency when this basket was previously confirmed.	
basketId		Basket code that has been cancelled (the same Id sent in the request)	
Cancelled		Basket. Cancellation date. Value = nil (this is a service cancellation)	
Confirmed		Basket. Confirmation date	
From		Booking date from	
hotels		Hotels item. hotel booking service, composed of:	
	Basket		Basket item composed of basketId, cancelled, closed, opened, and titular
		basketId	not in use
		cancelled	Basket. Cancellation date. Value = nil (this is a service cancellation)
		closed	Basket closed date
		opened	Basket opened date
		titular	Lead Pax
	cancellationDate		not in use
	Comments		Comments item
		text	Commnent content. Free text, boolean or numeric depending on type

type	<p>Comment type. Values:</p> <ul style="list-style-type: none"> <li>- <b>For all agencies:</b></li> <li>- <b>PVP / Retail price:</b> States if this is a net price o don't.</li> <li>- <b>OFFER:</b> States if the price includes any offer.</li> <li>- <b>For net prices agencies:</b></li> <li>- <b>PVP / Binding retail price amount:</b> Binding retail price amount.</li> <li>- <b>For commissionable prices agencies:</b></li> <li>- Sales Commission percent: sales commission percent</li> <li>- Sales Commission amount: sales commission amount.</li> <li>- <b>For direct payment prices (Direct Client Payment = true):</b> <ul style="list-style-type: none"> <li>- Direct Client Payment: in this case, text values = boolean (true or false). If true:</li> <li>- Commissionable: in this case, text values = boolean (true or false).</li> <li>- Commission Percent: in this case, text values = numeric. If Commissionable = true, this comment will hold the comission percent. For instance: 20.0 (this means a 20% commission)</li> <li>- Fiscal Data- VAT Number: hotel VAT number.</li> <li>- Fiscal Data- Company Name: company name</li> <li>- Fiscal Data- Observations: comments</li> <li>- Fiscal Data- Address- Address1: address data field 1</li> </ul> </li> </ul>
commision	not in use
contractId	not in use
description	Hotel name
okDate	not in use
pointOfSaleId	not in use
positionInBasket	Position in basket. Values: from 0 to n.
requestDate	not in use
serviceId	Service code
status	<p>Service status. Values:</p> <ul style="list-style-type: none"> <li>- OPEN (servicie is not confirmed and if no action is taken will be autocancelled in a given time: usually 60min)</li> <li>- CLOSED (service is confirmed)</li> <li>- PSEUDOCANCELLED (service is cancelled, previous status was OPEN)</li> <li>- CANCELLED (service is cancelled, previous status was CLOSED)</li> </ul>
Total	Total item composed of currencyCode and value. Hotel total amount

	currencyCode	Currency Code. Values: EUR, GBP, etc
	Value	amount
userId		Agency user code if used in the request
valuationLines		valuationLines item composed of code, description, from, price,...
	code	Roomtype code
	description	Roomtype description
	from	Booking date from
	Price	Price item composed of currencyCode and value. Per room price.
	currencyCode	Currency Code. Values: EUR, GBP, etc
		Amount
	priceType	Price type: Values: - Room - Pax
	quantity	Number of rooms or paxes.
	status	Price status. Values: OK
	to	Booking date to
	total	Total item composed of currencyCode and value. Line price
	currencyCode	Currency Code. Values: EUR, GBP, etc
		Amount
	voucherUrl	not in use
	Checkin	not in use
	Checkout	not in use
	establishmentId	Establishment code
	Occupations	Occupations item composed of adults, amount, etc.
	adults	Number of adults
	amount	Amount item composed of currencyCode and value. Occupation price.
	currencyCode	Currency Code. Values: EUR, GBP, etc
		Amount
	boardTypeCode	Board Type Code. Values: AI, SC, etc see below
	boardTypeName	Board Type name

	cancellationComments		Cancellation Commnent item	
		from	Not in use	
		text	Cancellation Commnent content. Free text.	
		To	Not in use	
		type	Cancellation Comments Type. Values: <ul style="list-style-type: none"><li>- Cancellation term: description of cancellation term.</li><li>- Cancellation email: e-mail where send cancellation.</li></ul>	
	children		Number of children	
	childrenAges		Age of each child	
	fromDate		Booking from date	
	numberOfDays		Booking days number	
	numberOfRooms		Booking rooms number	
	roomTypeCode		Room type code. Values: TWN, DBL, etc See below	
	roomTypename		Room type name	
	toDate		Booking to date	
		paxList		Current occupancy's pax list.
			paxNames	One per pax.
			roomTypeCode	Room type code for this occupancy.
opened			Booking formalization date.	
proFormaUrl			not in use	
status			Basket status.	
titular			Lead pax	
to			Booking to date	
total			Total item composed of currencyCode and value. Basket Total amount	
	currencyCode		Currency Code. Values: EUR, GBP, etc	
	value		Amount	
comments			Information regarding room prices, [0..N] items.	
	from		Not in use	

to		Not in use
text		The value itself. See next note.
type		Comment type. Values: <ul style="list-style-type: none"> <li>- <b>ERRATA</b>: Errata item. Erratas are required data to be shown to final clients before confirming a booking.</li> </ul>
errataType		Example values: <ul style="list-style-type: none"> <li>- <b>CITY TAX</b>: Errata CITY TAX</li> <li>- <b>RESORT FEE</b>: Errata RESORT FEE</li> <li>- <b>"OTHERS"</b>: others errata types description</li> </ul> Use the method getErrataTypes to obtain all the possible values. <ul style="list-style-type: none"> <li>-</li> </ul>
conditions		Only for errataType CITY TAX or RESORT FEE
	calculationRules	Conditions for applying tax
	currency	Currency code
	Duration	Duration Values : <ul style="list-style-type: none"> <li>- Per day</li> <li>- Per night</li> <li>- Per stay</li> <li>- Per week</li> <li>- Roundtrip</li> <li>- One way</li> </ul>
	maxImport	Maximum import to pay
	maxNights	Maximum number of nights to apply
	scope	Scope. Values : <ul style="list-style-type: none"> <li>- Per adult</li> <li>- Per person</li> <li>- Per room</li> <li>- Per suite</li> <li>- Per apartment</li> <li>- Per house</li> </ul>
	taxIncluded	Tax is included : True or False
discountsExemptions		Any discount or exemption about tax

	discAmount	Vaue of discount (case discType = Discount)
	discType	Type of discount. Values : - Discount - Exemprion : tax don't apply
	discountFrom	Date from : dd/mm
	discountTo	Date to : dd/mm
	maxAge	Maximum age for applying discount and exceptions
	maxStay	Maximum stay for applying discount and exceptions
	minAge	Minimum age for applying discount and exceptions
	minStay	Minumum stay for applying discount and exceptions
	reason	Reason of discount. Values : - Business - Vacation - Senior - Disability - High season - Low season
	resident	Resident: True or False
	type	Type of value of discAmount. Values : - PERCENT - FEE
	tax	Tax to be applied
	amount	Value of tax
	dateFrom	Date from : dd/mm
	dateTo	Date to : dd/mm
	maxRoomRate	Maximum room price to apply this tax To use in those cases where taxes depends on the room price.

		minRoomRate	Minimum room price to apply this tax To use in those cases where taxes depends on the room price.
		type	Type of value of amount. Values : - PERCENT - FEE
	version		Tax version

## Appendix K. CommonsHandlerService Deprecated services

### ping

It checks a XTS agency's connectivity. You can use this method to ensure you can connect with your credentials to our WS.

#### Ping Request

agencyCode (required)	Agency code. Unique code for each customer.
brandCode (required)	Brand code. Same code for all methods.
pointOfSaleId (required)	Point of Sale. Same code for all methods.

#### ping Response

agencyStatus	Values: - ON: agency can access XTS - OFF: agency cannot access XTS
[enabledServices]	Services enabled for your agency. Values: - HT: hotel - RC: rent a car - TR: transfer - EX: excursion (service presently not functional)
systemDate	Sys date
systemStatus	Sys status. Values: - UP: up and running.

### getAirportTypes.

It returns airport types.



*getAirportTypes Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.

*getAirportTypes Response*

<b>[airportTypes]</b>		Airport types item composed of <b>type</b>
	<b>type</b>	Airport type : AIRPORT or SEAPORT.

*getAirports.*

It returns airports from a country. More information on geographical structure can be found in Appendix D.

*getAirports Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>countryCode</b> (required)	Country code.  See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.

*getAirports Response*

<b>[airports]</b>		airports item composed of <b>code</b> , <b>name</b> and <b>type</b>
	<b>code</b>	Airport code.
	<b>iataCode</b>	Iata codification.
	<b>name</b>	Airport name.

	type	Airport type. Values: <ul style="list-style-type: none"> <li>- AIR: Airport</li> <li>- SEA: Seaport</li> <li>- Other types to be defined at a later time</li> </ul>
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### *getAreas.*

It returns geographical operational structure used by XTS. Area codes are used as input parameter in the availableHotelsByAreaWithErratas method from the hotelBookingHandler. More information on geographical structure can be found in Appendix D.

### *getAreas Request*

agencyCode (required)	Agency code. Unique code for each customer.
brandCode (required)	Brand code. Same code for all methods.
pointOfSaleId (required)	Point of Sale. Same code for all methods.
language (required)	Language sent in the response.
areasTreeCode (required)	Area Tree Code. Values: <ul style="list-style-type: none"> <li>- Always: "1". More area trees to be added at a later time.</li> </ul>

### *getAreas Response*

[areas]		List item composed of code and name (Level1 areas)
	code	Level1 area code
	name	Level1 area name
	[areas]	List item composed of code and name (Level2 areas)
	code	Level2 area code
	name	Level2 area name
	[areas]	list item composed of code and name (Level3 areas)
	code	Level3 area code
	name	Level3 area name

### *getCities*

It returns cities from a country.

*getCities Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>countryCode</b> (required)	Country code.  See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.

*getCities Response*

<b>[list]</b>	List item composed of <b>code</b> and <b>name</b>
<b>code</b>	City code
<b>name</b>	City name

*getCitiesByArea*

It returns cities from an area and its child areas.

*getCitiesByArea Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>areaCode</b> (required)	Geographical area code.  See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.

*getCitiesByArea Response*

<b>[list]</b>	Lists items composed of <b>code</b> and <b>name</b>
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<b>code</b>	City code
<b>name</b>	City name

### ***getCitiesWithAvailability***

It returns Number of Available Hotels by City from a Country.

#### ***getCitiesWithAvailability Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>countryCode</b> (required)	Country code.  See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.

#### ***getCitiesWithAvailability Response***

<b>[list]</b>	Lists items composed of <b>code</b> and <b>name</b>
<b>availableHotels</b>	Number of Available Hotels by City.
<b>cityCode</b>	City code
<b>cityDescription</b>	City name

### ***getCountries***

It returns all countries. This is a complete list of countries and many of them will not include cities or product. Use ***getCitiesByArea*** to locate cities with product.

#### ***getCountries Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.

*getCountries Response*

[list]	Lists items composed of <b>code</b> and <b>name</b>
<b>code</b>	Country code
<b>name</b>	Country name

*getGeographicalMap*

It returns administrative geographical structure: Countries, states, cities. City codes are used as input parameters in the availableHotelsByMultiQuery method from the hotelBookingHandler. Countries and states are not used in hotel availability requests. More information on geographical structures can be found in Appendix D.

*getGeographicalMap Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.

*getGeographicalMap Response*

[continents]	Continents item composed of <b>code</b> and <b>name</b>
<b>Code</b>	Continent code
<b>name</b>	Continen name
[countries]	Countries item composed of <b>code</b> and <b>name</b>
<b>Code</b>	Country code
<b>name</b>	Country name
[states]	List item composed of <b>code</b> and <b>name</b>
<b>code</b>	State province or region code
<b>name</b>	State province or region name
[cities]	Cities item composed of <b>code</b> and <b>name</b>

				<b>code</b>	City code
				<b>name</b>	City name

***getProduct.***

It returns all products from a service type. Currently we only work with one product: generic.

***getProduct Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>serviceCode</b> (required)	Service code. Values: <ul style="list-style-type: none"> <li>- EX: Excursion</li> <li>- HT: Hotel</li> <li>- RC: Rent a Car (Car Hire)</li> <li>- TR: Transfer</li> </ul>

***getProduct Response***

<b>[services]</b>		Services item composed of <b>code</b> and <b>name</b>
	<b>code</b>	Service code
	<b>name</b>	Service name

***getServices.***

It returns available XTS services..

***getServices Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.

***getServices Response***

[services]		Services item composed of <b>code</b> and <b>name</b>
	<b>code</b>	Service code
	<b>name</b>	Service name

### ***getVehiclesTypes***

It returns Vehicles Types.

#### ***getVehiclesTypes Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.

#### ***getVehiclesTypes Response***

[vehiclesTypes]		Vehicles Types item
	<b>carName</b>	Name of Vehicle.
	<b>description</b>	Escription of Vehicle.
	<b>id</b>	Id of Vehicle.
	<b>imageUrl</b>	Link to a Image of Vehicle.
	<b>numPassenger</b>	Max. Number of Passengers for this Vehicle.

### ***getEventsByArea***

Currently this method is partially functional: live data not loaded

It returns events in a geographical area between 2 dates.

#### ***getEventsByArea Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.

<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>areaId</b> (required)	Geographic area code.  See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.
<b>from</b> (required)	From date: retrieve events from this date.
<b>to</b> (required)	To date: retrieve events to this date.

### *getEventsByArea Response*

<b>[events]</b>		Events item composed of <b>description</b> , <b>from</b> , <b>name</b> and <b>to</b>
	<b>description</b>	Event description
	<b>from</b>	From date
	<b>name</b>	Event name
	<b>to</b>	To date

### *getEventsByCity*

Currently this method is partially functional: live data not loaded

It returns events in a city between 2 dates.

### *getEventsByCity Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>cityId</b> (required)	City code.  See geographic structure related methods in CommonsHandler service. Also see xls files at <a href="http://doc.xtravelsystem.com">http://doc.xtravelsystem.com</a> to fully understand the geographic structure.
<b>from</b> (required)	From date: retrieve events from this date.
<b>to</b> (required)	To date: retrieve events to this date.



*getEventsByCity Response*

[events]		Events item composed of <b>description</b> , <b>from</b> , <b>name</b> and <b>to</b>
	<b>description</b>	Event description
	<b>from</b>	From date
	<b>name</b>	Event name
	<b>to</b>	To date

*getOffers.*

Currently this method is partially functional: Only boardId = 1 is available and regularly updated.

It returns offers from a specific board. This is really a set of 9 hotels which have some active offer or interesting prices at the moment.

*getOffers Request*

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>language</b> (required)	Language sent in the response.
<b>boardId</b> (required)	Offer board Id. Only boardId = 1 is available and regularly updated.

*getOffers Response*

[offers]		Offers item composed of <b>category</b> , <b>description</b> , <b>establishmentId</b> , <b>imageUrl</b> and <b>name</b> .
	<b>category</b>	Establishment category.
	<b>description</b>	Offer description, usually a hotel name.
	<b>establishmentId</b>	Hotel code.
	<b>imageUrl</b>	Url for one image
	<b>name</b>	Offer name

***getErrataTypes.***

It returns the Errata Types by language.

***getErrataTypes Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>Code</b>	Code of the Errata Type to be found.
<b>language</b> (required)	Language sent in the response.
<b>Title</b>	Part of the Errata Type Title to be found.

***getErrataTypes Response***

<b>[errataTypes]</b>		Errata Type item composed of <b>category</b> , <b>description</b> , <b>establishmentId</b> , <b>imageUrl</b> and <b>name</b> .
	<b>Code</b>	Code of the Errata Type
	<b>description</b>	Long description of the Errata Type.
	<b>title</b>	Title of the Errata Type.

***getDistricts.***

It returns the districts of a city, state or country by language.

***getDistricts Request***

<b>agencyCode</b> (required)	Agency code. Unique code for each customer.
<b>brandCode</b> (required)	Brand code. Same code for all methods.
<b>pointOfSaleId</b> (required)	Point of Sale. Same code for all methods.
<b>cityCode</b>	City code. Use the method getCities to get the code.
<b>countryCode</b>	Country code. Use the method getCountries to get the code.
<b>districtCode</b>	District code.
<b>language</b> (required)	Language sent in the response.
<b>stateCode</b>	State code.

*getDistricts Response*

[district]		District item composed of <b>cityCode</b> , <b>code</b> , and <b>name</b> .
	<b>cityCode</b>	Code of the City
	<b>code</b>	Code of the district.
	<b>name</b>	Name of the district.