Interhome
Web Services

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Revision history

Date	Revision	Changes
28.01.2011	jwagner	First draft
30.03.2011	jwagner	Changes all Webservice URLs to HTTPS Added credit card expiry date format
11.04.2011	smeyer	Additional information
26.04.2011	smeyer	VoucherDetail and credit card payment for retailers
12.05.2011	smeyer	Additional services in Appendix B
18.05.2011	smeyer	On request Response: Q=On request
08.06.2011	smeyer	Additional remarks
03.08.2011	smeyer	Modifications of AdditionalServices in Appendix
12.08.2011	smeyer	Additional information concerning "Count=0" in AdditionalServices
20.09.2011	smeyer	Add in apprendix: Price rules
22.09.2011	smeyer	Ignore "PaymentInfo" in "AdditionalServices" and "PriceDetail". Us "PriceRule" and "Type" instead
16.11.2011	smeyer	New webservice URLs for production and test environment New criteria for search request
18.04.2012	smeyer	Add. information for "Secured Card IFrame" integration in case of not PCI certification
24.04.2012	smeyer	Add. information in the method "Search"
25.07.2012	cweyland	Added "State" values for ReadBooking Clarification on VoucherDetail Deprecated "Search" method criteria
29.08.2012	cweyland	Removed Vacando information Added testing procedure
14.02.2013	cweyland	Corrections in method "Prices" and "ReadBooking"
24.09.2013	cweyland	Clarification regarding RetailerBooking / "short options" Reverted "PaymentInfo" change from 22.09.2011 PaymentType "SavedCreditCard" for RetailerBooking

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1   General Concepts

1.1   Components

This document describes how you can use our Webservices and book Interhome holiday homes through it.

1.2   Accounting administration

Interhome pays a commission on each booking travelled on a percentage basis (this percentage will be different for Interhome products).
Both portfolio must be handled separately even if the logic and structure are the same.

To use our Webservices for Interhome products, you will need a dedicated **Partner ID** corresponding to the chosen **Sales Office (SO)** (see Appendix A) for each brand.

The partner- ID's are issued by the Interhome Sales office in the country of the partner.

1.2.1   Portfolio:

Interhome provides its own holiday home portfolio all around Europe and the US
Interhome covers many different countries, supports different languages and currencies.
All countries have different prices, conditions and services.

If you want to book those products on different markets, you will always have to refer to the corresponding Sales Office (SO) number and use the corresponding partner- ID.
Your local account manager can provide you with a partner- ID and Pass for each language and for each currency required (one for each market you would like to cover).

1.3   Webservices opportunities

You have two different ways to handle your integration and our Webservices:

- the fulfillment (invoicing of the client and delivery of travel documents) can be done by Interhome and under Interhome conditions (Method: ClientBooking).
  Interhome therefore needs all client details.
  This is the easiest and quickest way to book our products.

- the fulfillment (invoicing of the client and delivery travel document) can be done by you (Method: RetailerBooking). **This method is not available for partners using the sales offices 5059 / 4040 / 6060.**
  "RetailerBooking" indicates that the bookings are made under the conditions stipulated by the partner, not Interhome. The booking confirmation will be sent to the partner, not to the client. The partner can then confirm the Interhome property with the client; possibly together with other services like car rental, flights etc...

1.4 Guideline for implementation

To get best performance results, it is important to follow this guideline and to meet certain conditions.

Below is a rough schematic layout of a booking sequence (examples):

1. Your partner-ID must be authorised for the use of the Webservices. Authorisation can only be given by Interhome Web development.
2. You must gather basic criteria for example:
   - Destination (Country / Region or Country/Place or Region/Place)
   - Start date
   - Duration of stay (in 7-day increments)
   - Number of people travelling

   Optionally you can set further limiting criteria like:
   - Quality grading (max. 5 stars)
   - Maximum weekly rental fee
   - Properties with pool only...
   - Properties allowing pets...
3. You will get detailed information for each property for example:
   - Prices
   - Availability
   - Description
   - Additional services...
4. Client data / Payment information
5. Booking method / Client confirmation

1.5 Secured Credit Card I Frame to integrate in your booking process

If you are not PCI certified, you are obligated to use the secure payment gateway provided by Computop. You will find all the information and the corresponding parameters detailed on our FTP in the manual: "Secured Credit Card Iframe".

You will need a user name and a password for logging in:

Host:	**ftp.interhome.com**
User:	**ihxmlpartner**
Password:	S13oPjEu

1.6 Testing of the implemented solution

Generally, test bookings shall be done in our TEST environment whenever possible.

TEST environment (IHT)

When using the test environment no special setup is required.
Please note:
- No invoices are being sent for bookings made in the test environment
- The TEST environment is not a "staging" environment. Sometimes, new features are being tested which may cause disruptions or unexpected behaviour. In that case

feel free to test the read-only web service calls (PriceDetail, Availability etc.) in the live environment.

LIVE environment (IHP)

When using our live environment (also referred to as "IHP" or PRODUCTION) please make sure to follow these guidelines:

- Make <u>long-term bookings</u> (e.g. arrival date 9 months from now)
- Use a <u>valid email address</u> (e.g. your own email address)
- Clearly <u>mark the booking as TEST booking</u> by prefixing the firstname and lastname with TEST
- Write down the <u>reservation number</u>
- <u>Cancel the reservation</u> not later than 24 hours after creation

Please do NOT make short term bookings (< 30 days before arrival)!

Differences between environments

- The test environment does not contain the same data (e.g. properties, places) as the live environment
- You will be given a different partner ID to use for each environment

What to test

This is an incomplete list of things to test

- Prices: does the price displayed on your web site match Interhome's price for the same currency and period
- Special offers (e.g. last minute)
- Additional services / extra costs: are all costs for the property displayed?

1.7 Approval of the implemented solution
You will be granted access to the live environment after the respective sales office has given approval.

1.8 FAQ and Support
Your local account manager remains at your disposal for all your technical questions. Technical issues may be communicated on short notice on our Twitter account: http://twitter.com/Interhome_Care

2   Interhome Webservices

2.1   How to "consume" Webservices

The Webservices must be accessed via SOAP.
SOAP is the communication protocol used for our XML Webservices. It is a specification which describes the format of XML messages.

The SOAP message format consists of three parts:

1. **SOAP envelope**: It wraps the whole message and marks beginning and end of a message.
2. **SOAP header**: It is optional and contains information similar to HTML header information
3. **SOAP body**: This is the body of the message and contains the relevant information to call methods or reply to requests.

In order to get this working, you will need our WSDL file which is an XML file describing a set of SOAP messages as well as stipulating how to exchange such messages. Because WSDL is actually XML, it is an independent platform. It can be read, edited and consumed directly in most cases by applications. By means of the WSDL file, you must first generate your own "proxy file" so your interface knows what the request message must contain and what form it should have.

2.1.1   Interhome Webservices and Security:

- The header must always contain your username (=partner ID) and password. Only then, we can authorise you to launch requests.
- The client information is transmitted securely over SSL (THAWTE security certificate).

2.1.2 Example of a "AccommodationDetail" request in C#:

```csharp
// Create a new service authentication header
Interhome.ServiceAuthHeader sah = new Interhome.ServiceAuthHeader();
sah.Username = "Username";
sah.Password = "Passwort";

// Create a new instance of WebService
Interhome.WebService service = new Interhome.WebService();

// Set the service authentication header
service.ServiceAuthHeaderValue = sah;

// Create a new instance of the input value and set properties
Interhome.AccommodationDetailInputValue inputValue =
        new Interhome.AccommodationDetailInputValue();
inputValue.AccommodationCode = "CH0001.100.1";
inputValue.LanguageCode = "DE";


// Start the request
Interhome.AccommodationDetailReturnValue accommodationDetail =
        service.AccommodationDetail(inputValue);
```

2.1.3 Example of a "AccommodationDetail" request in PHP 5:

```php
<?php
    // Set username and password
    $ih_soap_user       = 'Username';
    $ih_soap_pass       = 'Password';

    // Set soap namespace
    $ih_soap_ns = 'http://www.interhome.com/webservice';

    // Create new instance of SoapClient with the interhome web service URL
    $client = new
SoapClient('https://webservices.interhome.com/partnerV3/WebService.asmx?WSDL
');

    // Create new soap header and set username and password
    $header = new SoapHeader($ih_soap_ns,
                            'ServiceAuthHeader',
                            array('Username' =>  $ih_soap_user,'Password' =>
$ih_soap_pass),
                            true
                            );

    // Prepare parameters
    $params = array('inputValue' => array(
                                        'AccommodationCode' => 'CH0000.100.1',
                                        'LanguageCode' => 'DE',
                                        ));

    // Call web service
    $result = $client->__soapCall("AccommodationDetail",array('parameters'
=> $params),null,$header);

    // print result array for example
    print_r($result);
?>
```

2.1.4 Example of a call of the Webservices over a Java-Proxy:

```java
/**
      * Helper method to create a Interhome Service(-Proxy)
      * @return Service-Proxy
      * @throws ServiceException
      * @throws SOAPException
      */
     private WebServiceSoap createService() throws ServiceException,
SOAPException {

        // get Service
        WebServiceLocator locator = new WebServiceLocator();
        locator.setWebServiceSoapEndpointAddress(WEBSERVICE_URL);
        WebServiceSoap service = locator.getWebServiceSoap();

        String namespace = "http://www.interhome.com/webservice";

        // Authentifizierung
        // add an <ServiceAuthHeader> node
        SOAPHeaderElement authHeader = new SOAPHeaderElement(new
QName("ServiceAuthHeader"));

        authHeader.setAttribute("xmlns", namespace);

        SOAPElement userIdNode = authHeader.addChildElement("Username");
        userIdNode.addTextNode(USER_ID);

        SOAPElement passwordNode = authHeader.addChildElement("Password");
        passwordNode.addTextNode(PASSWORD);

        ((Stub) service).setHeader(authHeader);
        return service;

    }
```

2.1.5 Example of a "AccommodationDetail" request with ColdFusion

```
<cfsavecontent variable="soap_XML">
<cfoutput>
<?xml version="1.0" encoding="utf-16"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header>
    <ServiceAuthHeader xmlns="http://www.interhome.com/webservice">
      <Username>#Username#</Username>
      <Password>#Password#</Password>
    </ServiceAuthHeader>
  </soap:Header>
  <soap:Body>
    <AccommodationDetail xmlns="http://www.interhome.com/webservice">
      <AccommodationCode>#AccommodationCode#</AccommodationCode>
      <LanguageCode>#LanguageCode#</LanguageCode>
    </AccommodationDetail>
  </soap:Body>
</soap:Envelope>
</cfoutput>
</cfsavecontent>

<cfhttp
url="https://webservices.interhome.com/partnerV3/WebService.asmx?WSDL"
 method="post"
 charset="utf-8">
 <cfhttpparam type="Header" name="SOAPAction"
value="http://www.interhome.com/webservice/AccommodationDetail">
 <cfhttpparam type="Header" name="Accept-Encoding" value="deflate;q=0">
    <cfhttpparam type="Header" name="TE" value="deflate;q=0">
    <cfhttpparam type="xml" value="#trim(StripCR(soap_XML))#">
</cfhttp>

<cfset Response = cfhttp.filecontent>
```

2.1.6 Testing of the Webservices with Webservice Studio:

Webservice Studio is freeware and enables you to call Webservices and to test them. The main benefit of this software is that you do not need to code anything to get a result. The SOAP request and the XML response are visible.
Webservice Studio requires that you are using Windows and that ".net-framework" is installed.
You can get Webservice Studio here: http://www.codeplex.com/wsstudioexpress

2.1.7 Troubleshooting: the service does not respond. Does it work?

The Webservices is available, but your service does not work. First please check the following:

1. Does your service contain a valid WebReference that is pointing to the Interhome Webservices?
2. Have you generated a "proxy file" on the test system:
   https://webservices.interhome.com/quality/partnerV3/WebService.asmx?WSDL
   or on production system:
   https://webservices.interhome.com /partnerV3/WebService.asmx?WSDL
   respectively?
3. Is your Partner ID valid? It must have 7 or 8 characters, including preceding country code.
4. Have you specified your "username" (=partner ID) and password?
5. Calling the web method: Did you specify all parameters?
6. In production use: Has your partner ID been activated for using the production environment?
7. The Webservices is case sensitive. Pay attention to upper-/lower case characters!
8. All the error messages are displayed in text description.

2.2 Webreference of the Webservices

The TEST Webservices are registered under the following URL:
https://webservices.interhome.com/quality/partnerV3/WebService.asmx?WSDL

The PRODUCTIVE Webservices are registered under the following URL:
Secure connection
https://webservices.interhome.com/partnerV3/WebService.asmx?WSDL

Note: the information about products, availability, prices and services are not the same in the test and in the production system. Please don't compare/mix both systems.

Your local account manager will provide you some test objects for all your tests.

2.3 Support

Interhome will provide support during the development phase of your Webservices. We will support the functions of the SOAP interface. However, the actual implementation into your application is not supported by Interhome, regardless which programming language you use.

3 Webservices in detail

3.1 AccommodationDetail

Returns all detail information of a property: basic data, description texts as well as information on the resort.

3.1.1 Request

Parameter	Description	Possible values
AccommodationCode	Property reference	CH0000.10.1
LanguageCode	ISO 639-1 language code	DE

3.1.2 Response

Ok	Status (true/false)
Errors	(array)
<Error>	
ErrorCode	Error code
ErrorCodeDesc	Error description
</Error>	
AccommodationCode	Property reference
HouseName	Name of the accommodation
Country	Country of property
Region	Region of property
Place	Place of property
Zip	Zip of property
Quality	Quality grading, Number of stars:
	1 = Basic
	2 = Average
	3= Above Average
	4= Top-Quality
	5 = Luxurious
Type	Type of property:
	h = house
	a = apartment
	d = detached house
Pax	Maximum capacity including children aged 3 years and older *(possible values: 1 – 99)*
Rooms	Number of rooms. (Possible values: 1 - 99)
Bedrooms	Number of bedrooms (1 – 99)
Location	Rating criteria: Location. Possible values: 1/2/3/4/5/X, min. 1, max. 5.
Interior	Rating criteria: Interior (Rooms, furnishings). *Possible values: 1/2/3/4/5/X, min. 1, max. 5.*
Tranquility	Rating criteria: Tranquility. Possible values: 1/2/3/4/5/X, min. 1, max. 5.

Kitchen	Rating criteria: Kitchen. Possible values: 1/2/3/4/5/X, min. 1, max. 5.
AccessRoad	Rating criteria: Access road. Possible values: 1/2/3/4/5/X, min. 1, max. 5.
Pets	Number of allowed pets
Cots	Number of available cots
AdditionBeds	Number of addition beds
Parking	Parking available (true/false)
TV	TV available (true/false)
Dishwasher	Dishwasher available (true/false)
Washingmachine	Washingmachine available (true/false)
Aircondition	Aircondition available (true/false)
Pool	Pool available (true/false)
Tennis	Tennis available (true/false)
Sauna	Sauna available (true/false)
Wheelchair	Wheelchair available (true/false)
GeoLng	Longitude of property
GeoLat	Latitude of property
PoolFrom	Opening date of swimming pool (if applicable). Format TTMM. E.g.: 0105 = Pool open from 1 May.
PoolTo	Closing date of swimming pool (if applicable). Format TTMM. E.g.: 2909 = Pool open until 29 September.
InsideDescription	Inside description of property
OutsideDescription	Outside description of property
Pictures	<array>
<Pictures>	
Picture_0	URL of picture
</Pictures>	

3.2 AdditionalServices

Returns all additional services (mandatory and optional) for a specific accommodation. Also taken into account are: number of travelers, travel dates and the sales office. **All optional additional services must be added in the booking request (for example COT, EXTRA BED or PET).**

Services types:
- BookableServiceOnInvoice N1: optional service which must be added to the invoice (example: INS: Elvia insurance, INSA: insurance).
- BookableServiceNoCost N2: can be booked without any additional fee and it will appear on the invoice (example: COT: cot).
- BookableOnPlacePayableOnPlace N4: can be booked locally, and payable on spot (example: XBED: extrabed).
- CostsOnInvoice Y1: mandatory fee which must be added to the invoice (example: BG: booking fee).
- InPriceIncluded Y2: included service which can be mentioned to the client (example: EG: energy cost).
- ExtracostOnPlace Y4: mandatory fee which must be paid on spot (example: FC: final cleaning).
- BookableServiceOnPlace Y5: optional service which must be added to the invoice but to be paid on spot (example: LI: linien).
- SelfOrganised Y6

Note: you will find a list of "service code", a list of "service type" and a list of "payment options" in Appendix B.

3.2.1 Request

Parameter	Description	Possible values
AccommodationCode	Property reference	CH0000.10.1
LanguageCode	ISO 639-1 language code	DE
CurrencyCode	Currency code of sales office	CHF
SalesOfficeCode	Sales office code	2020
CheckIn	Start date (*yyyy-MM-dd*)	2000-01-01
CheckOut	End date (*yyyy-MM-dd*)	2000-01-08
RetailerCode	Retailer code	CH000000
Adults	Number of adults	2
Children	Number of children	1
Babies	Number of babies	1

3.2.2 Response

Ok	Status (true/false)
Errors	(array)
<Error>	
ErrorCode	Error code
ErrorCodeDesc	Error description
</Error>	
AdditionalServices	(array)

\<AdditionalServiceItem\>

AdditionalServiceType	Type of service
	- BookableServiceOnInvoice
	- BookableServiceNoCost
	- BookableOnPlacePayableOnPlace
	- CostsOnInvoice
	- InPriceIncluded
	- ExtracostOnPlace
	- BookableServiceOnPlace
	- SelfOrganised
	- CommissionDiscount
Amount	Price of service
Code	Service code
Count	How many times the service is needed
Currency	Currency of service amount
Description	Description of service
EitherOr	
IsDefaultService	True if default service
IsIncluded	True if amount is already included
IsInsurance	True if service is an insurance
IsMandatory	True if service is mandatory
PaymentInfo	Description text about the payment
PriceRule	Description of price rule (code)
Text	Description text about the service
Type	Type of service
ValidFrom	Valid from date of service
ValidTo	Valid to date of service

\</AdditionalServiceItem\>

Note:

Rule for service payment: Use PriceRule + Type of service

Rule for "Count="

If service Type Y1, Y2; Y4, Y5, Y6	And "Count=0": -> the count has no relevance Y1 – 6 services are displayed on invoice or are already included
If service Type N1, N2, N4	And "Count=0": one Service can be added And "Count=1": one Service can be added (1 allotment available for booking) And "Count=2": one service can be added (2 allotments available for booking)

3.3 CancellationConditions

Returns all cancellation conditions of a specific sales office.

3.3.1 Request

Parameter	Description	Possible values
SalesOfficeCode	Sales office code	2020

3.3.2 Response

Ok	Status (true/false)
Errors	(array)
<Error>	
ErrorCode	Error code
ErrorCodeDesc	Error description
</Error>	
CancellationConditions	(array)
<CancellationConditionItem>	
DaysBeforeDepart	Number of days before depart
Percentage	Percentage of the price to pay
</CancellationConditionItem>	

3.4 PriceDetail

Returns the price information (including insurance) of a specific property for a specific period. PriceDetail is ideally used before the actual booking in order to display the definite price in detail.

To add additional services, you can add them to the "AdditionalServiceItems" array in the request.

If no additional services are added, the price will include all mandatory services only.

If the property is not available, this method will not return a price.

Important notes about PriceDetail

- **To grant a reasonable performance of the web services**, PriceDetail must not be called to retrieve all available proce periods of a specific property. For a quick request of a price, the mehod → PriceList and → Prices have to be used instead. That way, response times can be drastically reduced.
- **If you do not require the price of additional insurances**, →PriceList or → Prices must be used instead.

All optional additional services must be added in the booking request.

Services:
- BookableServiceOnInvoice
- BookableServiceNoCost
- BookableOnPlacePayableOnPlace
- CostsOnInvoice (mandatory)
- InPriceIncluded
- ExtracostOnPlace (mandatory)
- BookableServiceOnPlace
- SelfOrganised
- CommissionDiscount

3.4.1 Request

Parameter	Description	Possible values
AccommodationCode	Property reference	CH0000.10.1
AdditionalServiceItem	Array	
	Code	Code of the additional service (Codes are returned in the AdditionalServices method)
	Count	How many times the service is needed
CheckIn	Start date (*yyyy-MM-dd*)	2000-01-01
CheckOut	End date (*yyyy-MM-dd*)	2000-01-08
SalesOfficeCode	Sales office code	2020
CurrencyCode	Currency code of sales office	CHF
LanguageCode	Code of the language	DE
RetailerCode	Retailer code	CH000000
Adults	Number of adults	2
Children	Number of children	1

Babies	Number of babies	1

3.4.2 Response

Ok	Status (true/false)
Errors	(array)
<Error>	
ErrorCode	Error code
ErrorCodeDesc	Error description
</Error>	
Price	Price without any additional service
Total	Total price for the client
CurrencyCode	Currency code
AdditionalServices	(array)
<AdditionalServiceItem>	
AdditionalServiceType	Type of service
	- BookableServiceOnInvoice
	- BookableServiceNoCost
	- BookableOnPlacePayableOnPlace
	- CostsOnInvoice
	- InPriceIncluded
	- ExtracostOnPlace
	- BookableServiceOnPlace
	- SelfOrganised
	- CommissionDiscount
Amount	Price of service
Code	Service code
Count	How many times the service is needed
Currency	Currency of service amount
Description	Description of service
EitherOr	
IsDefaultService	True if default service
IsIncluded	True if amount is already included
IsInsurance	True if service is an insurance
IsMandatory	True if service is mandatory
PaymentInfo	Description text about the payment
PriceRule	Description of price rule (code)
Text	Description text about the service
Type	Type of service
ValidFrom	Valid from date of service
ValidTo	Valid to date of service
</AdditionalServiceItem>	
ExpirationPrePayment	Payment deadline of deposit
ExpirationResidue	Payment deadline of balance payment
Prepayment	Amount of deposit
SpecialCode	Special offer code
SpecialDescription	Special offer description

SpecialPrice   Special offer price

See "AdditionalServices" for calculation rules

3.5   PriceList

Returns a price list for a specific property.

3.5.1   Request

Parameter	Description	Possible values
AccommodationCode	Property reference	CH0000.10.1
SalesOfficeCode	Sales office code	2020
CurrencyCode	Currency code of sales office	CHF

3.5.2   Response

Ok	Status (true/false)
Errors	(array)
<Error>	
ErrorCode	Error code
ErrorCodeDesc	Error description
</Error>	
PriceListItems	(array)
<PriceListItem>	
StartDate	Start date (*yyyy-MM-dd*)
EndDate	End date (*yyyy-MM-dd*)
Price	Price of trip
ShortbreakDays	Smallest amount of days to take for shortbreak
ShortbreakPrice	Price of the shortbreak
</PriceListItem>	

3.6 Prices

Returns several prices of specified trips, even if they are not bookable. If parameters CheckIn and CheckOut are not specified, the price range of the trip will be returned. Moreover the price of more than one property can be requested at a time.

3.6.1 Request

Parameter	Description	Possible values
SalesOfficeCode	Sales office code	2020
CurrencyCode	Currency code of sales office	CHF
LanguageCode	ISO 639-1 language code	DE
Stays	Array	
StayItem	AccommodationCode	CH0000.10.1
	CheckIn	2000-01-01
	CheckOut	2000-01-08

3.6.2 Response

Ok	Status (true/false)
Errors	(array)
<Error>	
ErrorCode	Error code
ErrorCodeDesc	Error description
</Error>	
Prices	(array)
<PricesPriceItem>	
CheckIn	Start date (*yyyy-MM-dd*)
CheckOut	End date (*yyyy-MM-dd*)
CurrencyCode	Currency code
AccommodationCode	Property reference
Price1	If special offer, then special price otherwise standard price
Price2	If special offer, then standard price otherwise empty
	Attention:
	If CheckIn and CheckOut are not specified the price range of the trip will be returned.
	- Price1 = price from
	- Price2 = price to
SpecialCode	Special code
SpecialDescription	Special description
</PricesPriceItem>	

3.7 Availability

Returns detailed information about the availability of a specific trip.

There are different ways to request availability:
1. Availability for a specific travel date: Indicate Check-in and Check-out date
2. Availability for an unspecified time from a specific date: Indicate Check-in and leave Check-out date empty
3. General availability of a property: Leave both Check-in and Check-out date empty

Notes:
- Please pay attention to the CheckIn/CheckOut dates in the response. These dates can be different from the ones requested. The CheckIn date is modified to the next possible start date if the originally requested CheckIn date is not an allowed start date.
- You won't be able to book any "On Request" products through Webservices. In that case our web service will return an error message: "Booking possible only on request"

3.7.1 Request

Parameter	Description	Possible values
AccommodationCode	Property reference	CH0000.10.1
CheckIn	Start date (*yyyy-MM-dd*)	2000-01-01
CheckOut	End date *(yyyy-MM-dd)*	2000-01-08

3.7.2 Response

Ok	Status (true/false)
Errors	(array)
<Error>	
ErrorCode	Error code
ErrorCodeDesc	Error description
</Error>	
StartDate	Start date (*yyyy-MM-dd*)
EndDate	End date (*yyyy-MM-dd*)
State	Availability of property
	- Y = available
	- N = occupied
	- Q = on request
Change	Indicates, if the house-keys can be handed over (check-in possible?) that day
	- X - no action possible
	- C - check-in and check-out
	- O - check-out only
	- I - check-in only
MinimumStay	Minimum-stay for the chosen start-day
	- 0 – not bookable
	- A – min. stay 1 day

- B – min. stay 2 days
- C – min. stay 3 days
- D – min. stay 4 days
- E – min. stay 5 days
- F – min. stay 6 days
- G – min. stay 7 days
…
- N – min. stay 14 days
…
- Z – min. stay 26 days

3.8   NearestBookingDate

Returns the nearest booking date for a specific accommodation and duration. If no duration is specified, the shortest possible will be returned.

3.8.1   Request

Parameter	Description	Possible values
AccommodationCode	Property reference	CH0000.10.1
CheckIn	Start date (*yyyy-MM-dd*)	2000-01-01
Duration	Duration	7

3.8.2   Response

Ok	Status (true/false)
Errors	(array)
<Error>	
ErrorCode	Error code
ErrorCodeDesc	Error description
</Error>	
CheckIn	Start date (*yyyy-MM-dd*)
Change	Indicates, if the house-keys can be handed over (check-in possible?) that day
	- X - no action possible
	- C - check-in and check-out
	- O - check-out only
	- I - check-in only
MinimumStay	Minimum-stay for the start date
	- A – min. stay 1 day
	- B – min. stay 2 days
	- C – min. stay 3 days
	- D – min. stay 4 days
	- E – min. stay 5 days
	- F – min. stay 6 days
	- G – min. stay 7 days
	…
	- N – min. stay 14 days
	…
	- Z – min. stay 26 days
State	Availability of property
	- Y = available

- N = occupied
- Q = on request

3.9 ClientBooking (fulfillment Interhome)

"ClientBooking" is the booking method for direct client bookings.
This operation performs the actual booking and triggers all the consequent jobs, for example invoicing, statistics etc. Using this method indicates the fulfilment is done by Interhome.

Very important note if you are handling credit card payments: Please ensure you **do not store any credit card information** (number, name of holder, cvc-code, validity) on your servers. It is strictly forbidden to store such information.

Important checks to be implemented in your application
- Number of pax: This number must not exceed the capacity of the property

Important checks to be implemented in your application
- **Credit cards**: Check with your sales office how many days before departure credit card payment is mandatory
- **Check eMail address**: The client's eMail address must contain at least a "@" and a dot (.). It must not exceed 69 charachters.
- **Number of pax**: This number must not exceed the capacity of the property (include children not babies)
- **Children**: 3-12 years / **Babies**: 0-2 years
- **Additional payment method "direct debit" for SO5059 as of 1.11.2010:**
  As of 1. November 2010 German partners can also use the payment method "direct debit". The credit card fields must be used to transmit the customer's account data as following:

  Account Number = CreditCardNumber
  Bank Code = CreditCardCvc
  Account Holder = CreditCardHolder

  Please note that this payment method currently is only available in Germany and only for account holders of a German bank account.

3.9.1 Request

Parameter	Description	Possible values
SalesOfficeCode	Sales office code	2020
AccommodationCode	Property reference	CH0000.10.1
AdditionalServices	Array	
AdditionalServiceInputItem	Code	Code of the additional service (Codes are returned in the AdditionalServices method)
	Count	How many times the service is needed
CustomerSalutationType		- Mr

		- Mrs - MrAndMrs - Blank
CustomerName	Customer name	
CustomerFirstName	Customer first name	
CustomerPhone	Customer phone	
CustomerFax	Customer fax	
CustomerEmail	Customer email	
CustomerAddressStreet	Customer street	
CustomerAddressAdditionalStreet	Customer additional street	
CustomerAddressZIP	Customer ZIP	
CustomerAddressPlace	Customer place	
CustomerAddressState	Customer state	
CustomerAddressCountryCode	Customer country	
Comment	Free text for special requests or additional services.	Free text
Adults	Number of adults	2
Children	Number of children	1
Babies	Number of babies	1
CheckIn	Start date (*yyyy-MM-dd*)	2000-01-01
CheckOut	End date *(yyyy-MM-dd)*	2000-01-08
LanguageCode	ISO 639-1 language code	DE
CurrencyCode	Currency code of sales office	CHF
RetailerCode	Retailer code	CH000000
RetailerExtraCode		
PaymentType	Payment type	- CreditCard - DirectDebiting - Invoice - SecuredCreditCard
CreditCardType	Credit card type	- VISA - MASTER
CreditCardNumber	Credit card number	
CreditCardCvc	Credit card cvc	
CreditCardExpiry	Credit card expiry date	200012 (yyyyMM)
CreditCardHolder	Credit card holder name	
BankAccountNumber	Bank account number	
BankCode	Bank code	
BankAccountHolder	Bank account holder name	

3.9.2 Response

Ok	Status (true/false)
Errors	(array)
‹Error›	
ErrorCode	Error code
ErrorCodeDesc	Error description
‹/Error›	
BookingID	ID of booking

PaymentStatus:
Ok   Status (true/false)
Errors   (array)
<Error>
ErrorCode   Error code
ErrorCodeDesc   Error description
</Error>

3.10 RetailerBooking (fulfillment partner)

"RetailerBooking" is the booking method for retailer bookings as opposed to direct client bookings described earlier. "Retailer Booking" indicated the fulfillment is done by you. No address or payment details are captured by Interhome.

This method will block a property for up to 2 hours as a "short option". The reservation must be confirmed (using the method "RatifyBooking") or cancelled (using the method "CancelBooking") during the active user session. Unconfirmed "short options" will be cancelled automatically after 2 hours.

Important note: Any and all consequences resulting from incomplete or incorrect information provided by the Partner to Interhome shall be entirely at the expense and risk of the Partner. Liability shall also apply in particular in the case of faulty travel cost calculations.

Important checks to be implemented in your application
*   Number of pax: This number must not exceed the capacity of the property
*   The credit card details must only be completed if the retailer wants to pay by credit card.

Explanation on new PaymentType "SavedCreditCard" (2013-09-24):
While payments of partners with credit cards are possible it may not be desirable to send the same credit card details every time. Partners now can save a credit card with Interhome permanently, allowing for online bookings to take place without submitting credit card details.

3.10.1 Request

Parameter	Description	Possible values
SalesOfficeCode	Sales office code	2020
LanguageCode	ISO 639-1 language code	DE
CurrencyCode	Currency code of sales office	CHF
AccommodationCode	Property reference	CH0000.10.1
CheckIn	Start date (*yyyy-MM-dd*)	2000-01-01
CheckOut	End date (*yyyy-MM-dd*)	2000-01-08
AdditionalServices	Array	
AdditionalServiceInputItem	Code	Code of the additional service (Codes are returned in the AdditionalServices method)

	Count	How many times the service is needed
Adults	Number of adults	2
Children	Number of children	1
Babies	Number of babies	1
CustomerSalutationType	Salutation type	- Mr - Mrs - MrAndMrs - Blank
CustomerName	Customer name	
CustomerFirstName	Customer first name	
RetailerCode	Retailer code	CH000000
RetailerExtraCode	Retailer extra code	
RetailerContact	Retailer contact	
Comment	Free text for special requests or additional services.	Free text
PaymentType (if the retailer uses credit card payment only)	Payment type	- CreditCard - DirectDebiting - Invoice - SecuredCreditCard - SavedCreditCard
CreditCardType	Credit card type	- VISA - MASTER
CreditCardNumber	Credit card number	
CreditCardCvc	Credit card cvc	
CreditCardExpiry	Credit card expiry date	200012 (yyyyMM)
CreditCardHolder	Credit card holder name	
BankAccountNumber	Bank account number	
BankCode	Bank code	
BankAccountHolder	Bank account holder name	

3.10.2 Response

Ok	Status (true/false)
Errors	(array)
<Error>	
ErrorCode	Error code
ErrorCodeDesc	Error description
</Error>	
BookingID	ID of the booking

3.11 RatifyBooking

Ratify booking is used to confirm unconfirmed retailer bookings. It is mandatory to confirm retailer bookings within the previously mentioned deadlines.

3.11.1 Request

Parameter	Description	Possible values
BookingID	ID of the booking	0000000000000

SalesOfficeCode	Sales office code	2020
RetailerCode	Code of the retailer	CH000000

3.11.2 Response

Ok Status (true/false)
Errors (array)
<Error>
ErrorCode Error code
ErrorCodeDesc Error description
</Error>

3.12 ReadBooking

Returns all information about a specific booking.

3.12.1 Request

Parameter	Description	Possible values
BookingID	ID of the booking	000000000000
RetailerCode	Retailer code	CH000000

3.12.2 Response

Ok Status (true/false)
Errors (array)
<Error>
ErrorCode Error code
ErrorCodeDesc Error description
</Error>
BookingID ID of the booking
BookingDate Date of the booking
Duration Number of
State State of the booking

1	Booking request
2	Booking created
8	Booking confirmed („OK")
9	Booking cancelled ("CA" or "XX")
0	Option („OP")

AccommodationCode Property reference
AdditionalServices (array)
<AdditionalServiceItem>
AdditionalServiceType Type of service
- BookableServiceOnInvoice
- BookableServiceNoCost
- BookableOnPlacePayableOnPlace
- CostsOnInvoice
- InPriceIncluded
- ExtracostOnPlace
- BookableServiceOnPlace
- SelfOrganised

	- CommissionDiscount
Amount	Price of service
Code	Service code
Count	
Currency	Currency of service amount
Description	Description of service
EitherOr	
IsDefaultService	True if default service
IsInculded	True if amount is already included
IsIncurance	True if service is an insurance
IsMandatory	True if service is mandatory
PaymentInfo	Description text about the payment
Text	Description text about the service
Type	Type of service
</AdditionalServiceItem>	
CustomerSalutaionType	Customer salutation
CustomerName	Custoner name
CustomerFirstName	Customer first name
CustomerEmail	Customer email
CustomerAddressPlace	Customer place
CustomerAddressCountryCode	Customer country code
Comment	Comment
Adults	Number of adults
Babies	Number of babies
Children	Number of children
CheckIn	Start date (*yyyy-MM-dd*)
CheckOut	End date (*yyyy-MM-dd*)
CurrencyCode	Currency code
LanguageCode	Language code
RetailerCode	Retailer code
RetailerExtraCode	Retailer extra code
RetailerContact	Retailer contact information
PaymentType	Payment type
<Price>	
Price	Price without any additional service
Total	Total price for the client
CurrencyCode	Currency code
ExpirationPrePayment	Payment deadline of deposit
ExpirationResidue	Payment deadline of rest payment
Prepayment	Amount of deposit
SpecialCode	Special offer code
SpecialDescription	Special offer description
SpecialPrice	Special offer price
</Price>	

3.13 CancelBooking

Cancels a specific booking.

3.13.1 Request

Parameter	Description	Possible values
BookingID	ID of the booking	000000000000
SalesOfficeCode	Sales office code	2020
RetailerCode	Code of the retailer	CH000000

3.13.2 Response

Ok	Status (true/false)
Errors	(array)
<Error>	
ErrorCode	Error code
ErrorCodeDesc	Error description
</Error>	

3.14 VoucherDetail

Returns all information about the voucher.

NOTICE: This method only works if additional conditions according to the partner's sales office have been met (e.g. XX days before departure, payment has been made etc)

3.14.1 Request

Parameter	Description	Possible values
BookingID	ID of the booking	000000000000

3.14.2 Response

Ok	Status (true/false)
Errors	(array)
<Error>	
ErrorCode	Error code
ErrorCodeDesc	Error description
</Error>	
CustomerName	Name of the customer
AccommodationCode	Property reference
ReservationCode	Code of reservation
CheckIn	Start date (*yyyy-MM-dd*)
CheckOut	End date (*yyyy-MM-dd*)
Duration	Duration
HouseName	House Name
PaxMax	Number of Max Pax
PaxReservation	Number of Pax
Rooms	Number of Rooms
Bedrooms	Number of Bedrooms
Quality	Quality grading, Number of stars:
	1 = Basic
	2 = Average

	3= Above Average
	4= Top-Quality
	5 = Luxurious
Pets	Number of pets
AdditionBeds	Number of additional beds
Cots	Number of cots
Place	Place
‹AccommodationAddress›	
Title	Title of address
Salutation	Salutation
Addr1	Address 1
Addr2	Address 2
Addr3	Address 3
Addr4	Address 4
Addr5	Address 5
Country	Country Name
Place	Place Name
Zip	Zip code
Phone	Phone
Phone Business	Phone Business
Phone Private	Phone Private
Mobile	Mobile
Fax	Fax
E-Mail	Email
URL	URL
‹/AccommodationAddress›	
‹VoucherCharges›	
Title	Title for voucher charges
‹Charges›	(array)
‹VoucherDetailCharge›	
Title	Title of charge
‹Costs›	(array)
‹VoucherDetailCost›	
Description	Description of cost
Currency	Currency of cost
Amount	Amount of cost
AdditionalText	Additional text of cost
‹/VoucherDetailCost›	
‹/Costs›	
‹/VoucherDetailCharge›	
‹/Charges›	
‹/VoucherCharges›	
‹ArrivalDepartureInformation›	
Titel	Title
Description	Description
‹ArrivalDepartureInformation›	
‹KeyHandoverInformation›	
Title	Title of key handover information
GeoLat	Latitude of property

GeoLng	Longitude of property
GoogleMapsLink	URL to google maps
Description	Description of key handover
</KeyHandoverInformation>	
<ContactOnSite>	
Title	Title of address
Salutation	Salutation
Addr1	Address 1
Addr2	Address 2
Addr3	Address 3
Addr4	Address 4
Addr5	Address 5
Country	Country Name
Place	Place Name
Zip	Zip code
Phone	Phone
Phone Business	Phone Business
Phone Private	Phone Private
Mobile	Mobile
Fax	Fax
E-Mail	Email
URL	URL
</ContactOnSite>	
<VoucherDescriptions>	
DescriptionTitle	Title of voucher descriptions
<Descriptions>	(array)
<VoucherDescription>	
Title	Title of voucher description
Description	Description
</VoucherDescription>	
</Descriptions>	
</VoucherDescriptions>	
AdditionalInformation	Additional information text
Alert	Alert textof accommodation if available

3.15 CheckBooking

Checks if a trip is bookable and returns additional trip suggestions.

3.15.1 Request

Parameter	Description	Possible values
AccommodationCode	Property reference	CH0000.10.1
CheckIn	Start date (*yyyy-MM-dd*)	2000-01-01
CheckOut	End date (*yyyy-MM-dd*)	2000-01-08
ToleranceDays	Amount of tolerance days	3
CurrencyCode	Currency code of sales office	CHF
SalesOfficeCode	Sales office code	2020
RetailerCode	Code of the retailer	CH000000

3.15.2 Response

Ok	Status (true/false)
Errors	(array)
‹Error›	
ErrorCode	Error code
ErrorCodeDesc	Error description
‹/Error›	
CheckBookingItems	(array)
‹CheckBookingItem›	
CheckIn	Start date (*yyyy-MM-dd*)
CheckOut	End date (*yyyy-MM-dd*)
CurrencyCode	Currency code
Price	Price of the trip
SpecialPrice	Special price of the trip if available
‹/CheckBookingItem›	

3.16 Search

Returns all the properties that matches the search criteria.

3.16.1 Request

Parameter	Description	Possible values
Page	Number of the page	1
PageSize	Amount of results per page	10
OrderDirection	Order direction	- Ascending - Descending
OrderBy	Order by	- Favorite - Price - Place
LanguageCode	ISO 639-1 language code	DE
CurrencyCode	Currency code	CHF
SalesOfficeCode	Sales office code	2020
Quicksearch	Quick search text	Wallis
CountryCode	Country code	(refer to the partner portal list)
RegionCode	Region code	(refer to the partner portal list)
PlaceCode	Place code	(refer to the partner portal list)
CheckIn	Start date (*yyyy-MM-dd*)	2000-01-01
Duration	Number of days	7
ThemeFilter	Theme filter	- Cheepcheep - Countryside - Familyfriendly - HolidayVillage - LakesAndMountains - Nightlife - Selection - SomewhereQuiet

		- SummerHoliday - Cities - SuitableForSeniors
HouseApartmentType NO MORE SUPPORTED	House apartment type	- Apartment - DetachedHouse - House
Facilities	Array of facilities	- Aircondition - Balcony - BBQ - Cot - Dishwasher - Fireplace - Internet - InternetWiFi - Jacuzzi - LiftsInhouse, - NonSmoker, - Pets1 - Pets2 - Pets3 - PetsNo - PoolAll - PoolChildren - PoolIndoor - PoolPrivate - Sauna - Swimmingpool - TV - WashingMachine - Wheelchair
Accessibilities NO MORE SUPPORTED	Array of accessibilities	- FamilyFriendly - LiftsInHouse - NonSmoking - PetsWelcome - PetsNotAllowed - SuitableForSeniors - WheelchairAccessible
Activities	Array of activities	- Biking - CrossCountrySkiing - Golfing - Hiking - MountainBiking - ~~Nightlife~~ - NordicWalking - Riding - Sailing - ~~Skiing~~ - ~~Snowboarding~~ - Surfing - Tennis

		- ~~ThemeParknearby~~ - ~~Toboggan~~ - ~~Windsurfing~~ - SkiingSnowboarding
Situations	Array of situations	- BytheSea - InAhistoricTown - InAMajorcity - IntheCountryside - InALakesideTown - SomewherQuiet - OnAIsland - Center100 - Center500 - Center1000 - Golf200 - Golf500 - Golf5000 - Lake50 - Lake1000 - Lake10000 - Sea50 - Sea1000 - Sea10000 - Skilift50 - Skilift500 - Skilift10000 - CountryView - LakeView - MountainView - SeaView
PropertyTypes	Array of property types	- Apartment - Bungalow - CastleManor - Chalet - DetachedHouse - FarmHouse - Historicproperty - HolidayVillage - Special Property - Villa
SpecialOffer	Special offers	- AnySpecialOffer - EarlyBooker - LastMinute
PaxMin	Number of adults minimum	2
PaxMax	Number of adults maximum	3
RoomsMin	Number of rooms minimum	2
RoomsMax	Number of rooms maximum	3
BedroomsMin	Number of bedrooms minimum	1
BedroomsMax	Number of bedrooms	2

		maximum	
BathroomsMin	Number of bathrooms minimum	1
BathroomsMax	Number of bathrooms maximum	1
QualityMin	Number of stars minimum	empty – not rated yet
QualityMax	Number of start maximum	1 - basic 2 – average 3 – above average 4 – top-quality 5 – luxurious
DistanceToCenter	Distance to center maximum	500
DistanceToGolfCourse	Distance to golf course maximum	1000
DistanceToLake	Distance to lake maximum	500
DistanceToSea	Distance to sea maximum	500
DistanceToSeaOrLake	Distance to sea or lake maximum	500
DistanceToSkiLifts	Distance to ski lifts maximum	500

3.16.2 Response

Ok	Status (true/false)
Errors	(array)
‹Error›	
ErrorCode	Error code
ErrorCodeDesc	Error description
‹/Error›	
ResultCount	Number of results
Items	(array)
‹SearchResultItem›	
AccommodationCode	Property reference
Country	Country of property
CountryCode	Country code of property
Region	Region of property
RegionCode	Region code of property
Place	Place of property
PlaceCode	Place code of property
Zip	Zip of property
CurrencyCode	Currency
Price	Rental price
Quality	Quality grading, Number of stars: 1 = Basic 2 = Average 3= Above Average 4= Top-Quality 5 = Luxurious
Type	Type of property: h = house a = apartment

	t = detached house
Pax	Maximum capacity including children aged 3 years and older *(possible values: 1 – 99)*
Rooms	Number of rooms. (Possible values: 1 - 99)
Bedrooms	Number of bedrooms (1 – 99)
Location	Rating criteria: Location. Possible values: 1/2/3/4/5/X, min. 1, max. 5.
Interior	Rating criteria: Interior (Rooms, furnishings). *Possible values: 1/2/3/4/5/X, min. 1, max. 5.*
Tranquility	Rating criteria: Tranquility. Possible values: 1/2/3/4/5/X, min. 1, max. 5.
Kitchen	Rating criteria: Kitchen. Possible values: 1/2/3/4/5/X, min. 1, max. 5.
AccessRoad	Rating criteria: Access road. Possible values: 1/2/3/4/5/X, min. 1, max. 5.
Pets	Number of allowed pets
Cots	Number of available cots
AdditionBeds	Number of addition beds
Parking	Parking available (true/false)
TV	TV available (true/false)
Dishwasher	Dishwasher available (true/false)
Washingmachine	Washingmachine available (true/false)
Aircondition	Aircondition available (true/false)
Pool	Pool available (true/false)
Tennis	Tennis available (true/false)
Sauna	Sauna available (true/false)
Wheelchair	Wheelchair available (true/false)
GeoLng	Longitude of property
GeoLat	Latitude of property
InsideDescription	Inside description of property
Picture	URL of the main picture
</SearchResultItem>	

3.17 Trips

Returns all detail information on a property: basic data, description texts as well as information on the resort.

3.17.1 Request

Parameter	Description	Possible values
LanguageCode	ISO 639-1 language code	DE
AccommodationCode	Property reference	CH0000.10.1
CheckIn	Start date (*yyyy-MM-dd*)	2000-01-01
SalesOfficeCode	Sales office code	2020
CurrencyCode	Currency code	CHF

3.17.2 Response

Ok	Status (true/false)

Errors	(array)
‹Error›	
ErrorCode	Error code
ErrorCodeDesc	Error description
‹/Error›	
Trips	(array)
‹TripItem›	
AccommodationCode	Property reference
CheckIn	Start date (*yyyy-MM-dd*)
CheckOut	End date (*yyyy-MM-dd*)
CurrencyCode	Currency code
Price	Price
SpecialPrice	Special price if available
SpecialCode	Special code if available
SpecialDescription	Special description if available
OnRequest	If on request (true/false)
‹/TripItem›	

Appendix A) Sales Office codes

Country	Corresponding Sales Office ID	Languages and currencies available
INTERHOME		
Australia	SO9541	EN / AUD
Austria	SO1010	DE – AT / EUR
Belgium	SO6060	NL – FR – DE – EN / EUR
Canada	SO3637	EN – FR / Canadian dollars
Croatia	SO9559	HR – EN / EUR
Czech Republic	SO4848	CZ – EN / CZK
Danemark	SO4750	SE – DK – EN / DKK
Finnland	SO4751	FI - EN / SEK
France	SO7070	FR – EN / EUR
Germany	SO5059	DE – EN / EUR
Head Office	2048 / 2052 /2047	EN – DE / EUR, USD, GBP
Italy	SO3030	IT – EN / EUR
Netherlands	SO4040	NL – EN / EUR
Norway	SO4751	SE – NO – EN / SEK
Poland	SO4444	PL – EN / PLZ
Russia	SO5252	RU - EN / RUB
Spain	SO0505	ES – EN / EUR
Sweden	SO4747	SE – DK – EN / SEK
Swizerland	SO2020	DE – FR – IT – EN / CHF
UK	SO3535	EN / GBP
US	SO3636	EN – ES / USD

Appendix B) Additional service codes

- Possible Service codes:

Insurance:		
BGAT	Additional insurance Austria	Only for SO1010
HUND	Dog insurance	Only for SO5059
INS	Cancellation guarantee	
INS2	Cancellation guarantee	
INSA	Additional insurance	Not for all SO in use
INSB	Additional insurance	Not for all SO in use
INSC	Additional insurance	Not for all SO in use
INSD	Additional insurance	Not for all SO in use
INSE	Ubezpieczenie NNW+KL dla dodatkowej osoby	Not for all SO in use
RRO	Travel cancellation insurance without excess	Not for all SO in use
RRV	Travel cancellation insurance	Not for all SO in use

	with excess	
Services		
PBF	Partner Booking Fee	
Extra Services		
AC	Air-conditioning	
BW	Bed linen (initial supply)	
BWL	Linen	
CM	Cleaning between bookings	
CML	Cleaning between bookings	
COT	Cot	
CS	Cleaning swimming pool	
DC	Breakage deposit in cash or by credit card (Visa/Mastercard)	
DE	Breakage deposit in cash	
DK	Breakage deposit by credit card Visa / Mastercard	
EG	Power costs	
EH	Heating	
EL	Electricity	
FC	Final cleaning	
GA	Gas	
GR	Garage	
HCHR	Highchair	
IC	Cleaning between bookings	
KW	tea towels	
LEG1	Legoland Eintritt	Not for all SO in use
LEG2	Legoland Frühstück	Not for all SO in use
LI	Laundry (initial supply of bed linen and towels)	
LIB	Bedmaking Service	
LIBT	bedlinen (bedding included) & towels	
LIW	Weekly laundry (bed linen and towels)	
LT	Local tax	
LTI	Environmental tax	
LTM	Local tax	
LTR	Local Tax for Pensioners	
LUS	Mattress cover	
OIL	Oil	
PE	Pool Entry	
PET	Pet	
RTCO	Commission paid to the partner	
SP	Service Package	
STIP	Skipass	
TEL	Telephone	
TEL1	telephone charge	
TW	Towels	
TWL	Towels	

WA	Water	
WK	Welcome Kit	
XBED	Extra bed	
SO Services		
BG	Booking fee	
CF	Emergency Fund	Not for all SO in use
CFMA	Emergency Fund	Not for all SO in use
FC	Final cleaning	

- Possible Type codes ("AdditionalServices" and "PriceDetail"):

N1	Bookable ServiceOnInvoice: optional service which must be added to the invoice (example: INS: Elvia insurance, INSA: insurance).
N2	Bookable Included in the price: can be booked without any additional fee and it will appear on the invoice (example: COT: cot).
N4	Bookable OnPlace Payable OnPlace: can be booked on spot, and payable on spot (example: XBED: extrabed).
Y1	CostsOnInvoice (mandatory): mandatory fee which must be added to the invoice (example: BG: booking fee).
Y2	Included in the price: : included service which can be mentioned to the client (example: EG: energy cost).
Y4	ExtracostOnPlace (mandatory): mandatory fee which must be paid on spot (example: FC: final cleaning).
Y5	Optional in resort: optional service which must be added to the invoice but to be paid on spot (example: LI: linien).
Y6	Own arrangement

- Possible Price rule ("AdditionalServices" and "PriceDetail"):

PD	Per person per day
PW	Per person per week
UD	Per item per day
UW	Per item per week
P1	Per person 1*
U1	Per item 1*
UH	Per hour
K1	Per kilowatt per hour
M1	Per m3
X1	According to use
NO	No calculation relevance
LX	Per litre