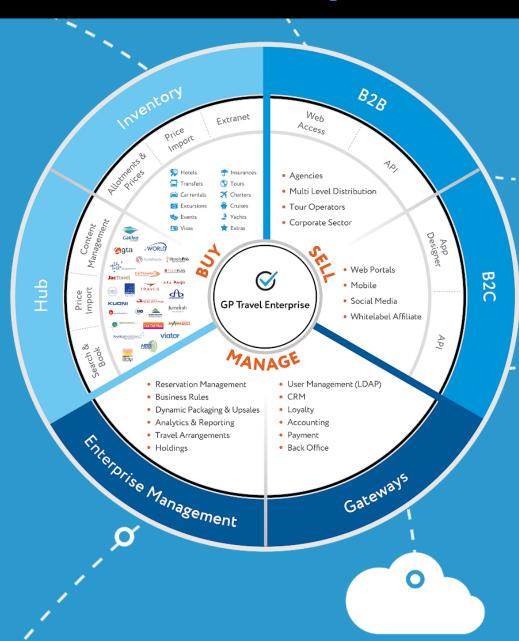
GP Travel Enterprise Release 7.12

Presentation

January 31, 2020



Release 7.12

Dear clients and partners!

We are happy to announce **Release 7.12** of GP Travel Enterprise that introduces the integration with Hotels supplier Smyrooms, Israeli Hotels suppliers Silverbyte and Isrotel, the integration with new online payment gateways Openpay and UniTeller, includes new features of the existing functionality, enhancements in available modules as well as overall capabilities of the system.

For scheduling the delivery dates please contact our support team.



Release 7.12: Highlights

NEW MODULES:

- Smyrooms hotels
- Silverbyte hotels
- Isrotel hotels
- Openpay payment gateway
- UniTeller payment gateway
- Referral programs

(multi-level travel agency commission plan)

Smyrooms







Release 7.12: Highlights

ENHANCEMENTS IN EXISTING MODULES:

- Inventory:
 - New parameter "Taxes included" in tariff of self-operated products
 - Adding Cancellation Policy as text for self-operated products
- Self-operated hotels:
 - Adding internal rating for hotels with 0.5 step
 - Settings and tracking of No Show for hotels
 - Check-in and Check-out time as range from/to
- ✓ Back-Office (BO):
 - Specific markups calculation (margin basis)
 - Search hotels by service "Adults only"
 - Display of information on price adjustment in reservation history
 - Settings of Cancellation Policy for external suppliers in hotel description
 - Hotels grouping: option to display prices from direct contracts only
 - Special offer description on search results
 - Room types display on the list of reservations
 - New notifications on reservation request and change of reservation status to In Progress



Release 7.12: Highlights

ENHANCEMENTS IN EXISTING MODULES:

- Enhancements in new interface for B2B and B2C:
 - Search hotels by service "Adults only"
 - Search and book under Tour Operator of 1st level for Tour Operators of 2nd level
 - Sending voucher from reservation to entered email
 - Search of transfers from/to a certain hotel (Hotelbeds)
 - Filters for the list of rooms
 - Display of Cancellation Policy as text
 - Display of client name (company) and original supplier for TO1

✓ API:

- Search hotels by service "Adults only"
- New parameters phone and email in POST /prepareAccommodationBook
- Search and book under Tour Operator of 1st level for Tour Operators of 2nd level
- Get private clients of Tour Operators of 2nd level and Travel Agencies by company ID
- Sending voucher from reservation to entered email(s)
- Search of transfers from/to a certain hotel (Hotelbeds)
- Search of flights by IATA code of city or airport
- Corporate sales
- Errors and warnings handling extension of information

1. NEW MODULES

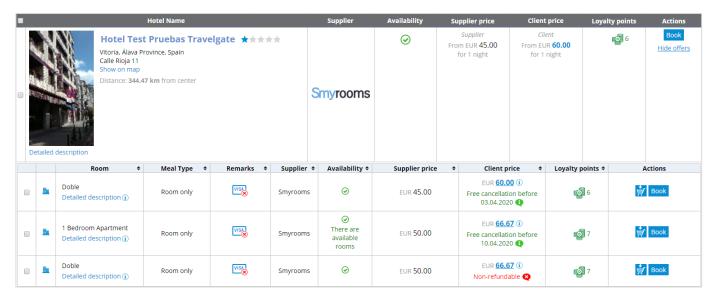


SMYROOMS HOTELS

Smyrooms is a global online tour operator with more than 10 years of experience in the travel market as part of the Logitravel Group. It provides an extensive and varied product range (more than 600,000 hotels in the portfolio thanks to integration with more than 200 distribution channels) and uses cutting-edge technology to guarantee agility and reliability.



More information can be found at https://www.smyrooms.com/



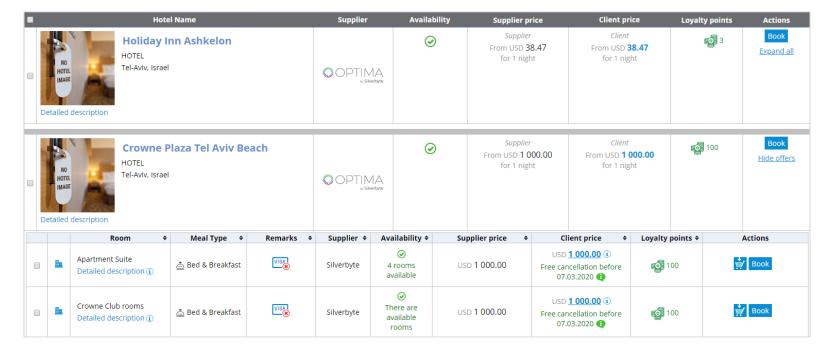


SILVERBYTE HOTELS

Silverbyte is a supplier of property management software to the hotel and hospitality industry since 1992. Optima have hundreds of installations in Europe, Africa, Asia, USA and commanding 85% of the hotel Market in Israel.



More information can be found at http://silverbyte.com/





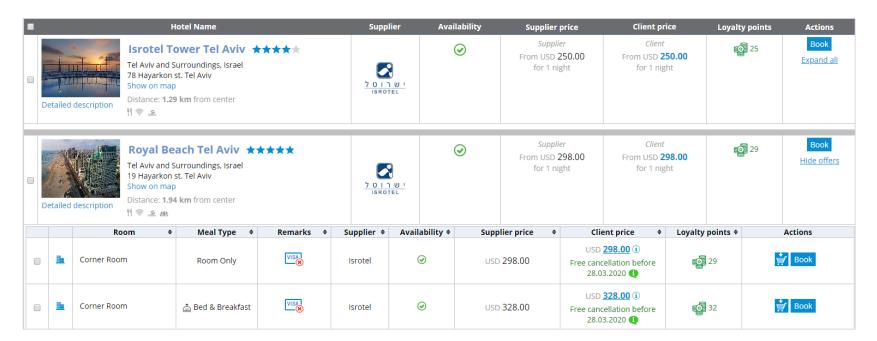
ISROTEL HOTELS

Isrotel is an Israeli hotel chain, which operates 19 hotels across the length and breadth of Israel, including 4,221 guest rooms and suites.



More information can be found at https://www.isrotel.com/about-isrotel-timeline/





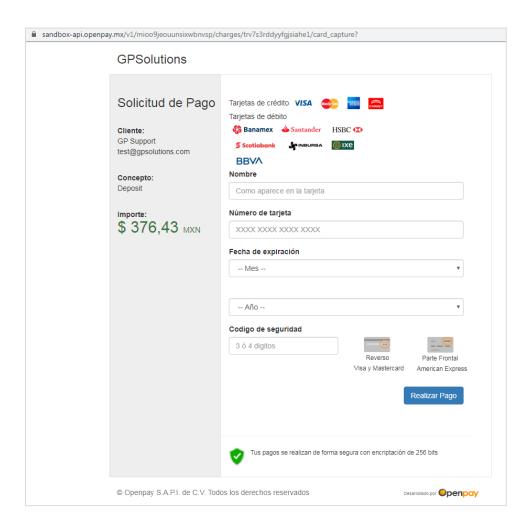


OPENPAY PAYMENT GATEWAY

Openpay is a payment gateway that allows, in an quick and easy way, take payments online. The service supports different business models like marketplaces, online stores, subscriptions base payments, mobile applications, third party payment, crowdfunding and many more.

More information can be found at https://www.openpay.mx/en/





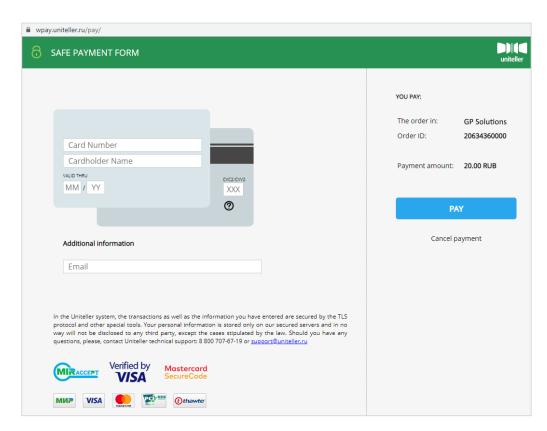


UNITELLER PAYMENT GATEWAY

UniTeller is an independent preprocessing center ensuring reliable and secure payment processing services in all business spheres where modern types of noncash payment, including contactless ones, are made: e-Commerce, mobile and unattended payments, etc.

More information can be found at https://www.uniteller.ru/





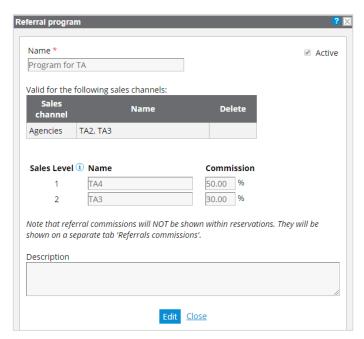


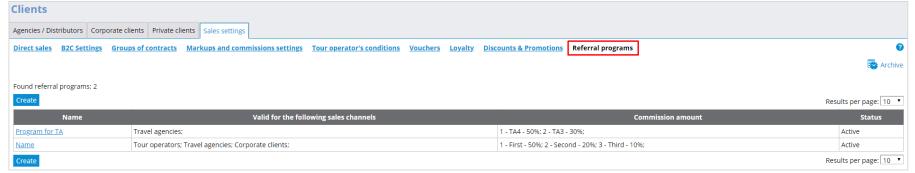
REFERRAL PROGRAMS (MULTI-LEVEL TRAVEL AGENCY COMMISSION PLAN)

Release 7.12 provides the opportunity to give travel agencies additional benefits from cooperation stimulating the expansion of network by attracting additional agencies to get commission for their sales as well based on multilevel scheme.

Access:

- ✓ Going to settings: Clients >> Sales settings >> Referral programs
- Adding referrer and viewing referrals: Clients >> A certain client >> Referrals







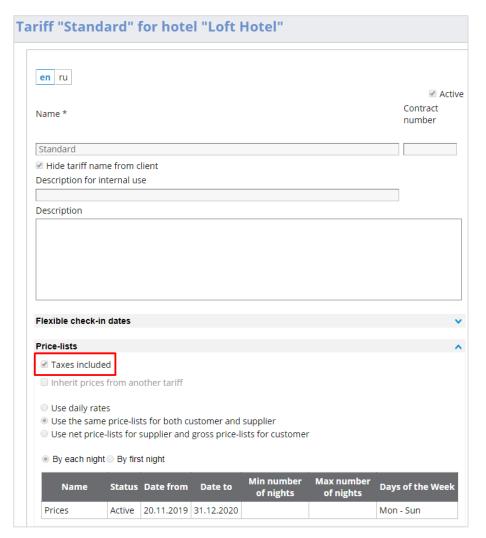


INVENTORY: NEW PARAMETER "TAXES INCLUDED" IN TARIFF OF SELF-OPERATED PRODUCTS

Starting with Release 7.12 it will be possible for a tariff to be marked if it already includes taxes, and there will be no need to add them separately over prices provided by a hotel in contract. This information will also be displayed for end customers accordingly (on interface based on REST API).

Access:

Self-operated products >> Hotel >> A certain contract >> Prices >> Tariffs



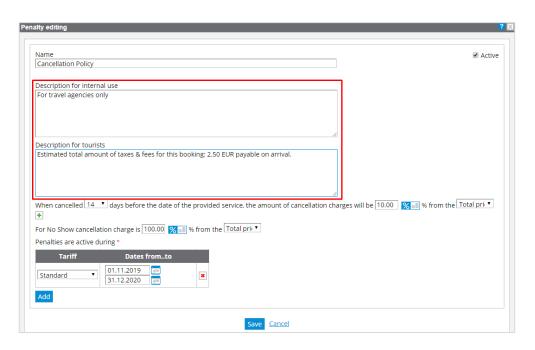


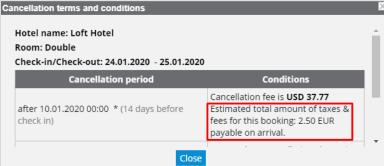
INVENTORY: ADDING CANCELLATION POLICY AS TEXT FOR SELF-OPERATED PRODUCTS

Sometimes it is required to indicate some additional information for standard cancellation rules with dates and penalties for self-operated products. In Release 7.12 it will be possible to specify description of the penalty for internal use as well as the one for tourists.

Access:

Self-operated products >> A specific product >> A certain contract >> Prices >> Penalties





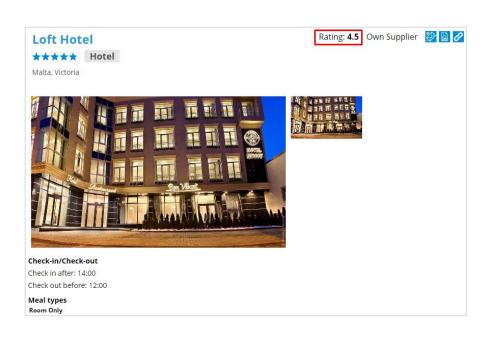


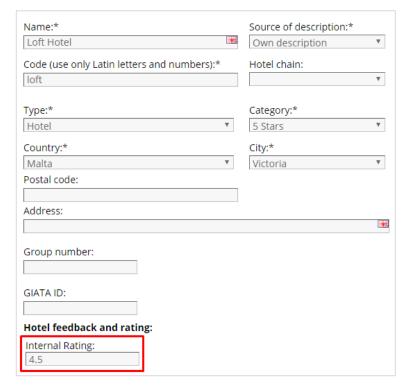
SELF-OPERATED HOTELS: ADDING INTERNAL RATING FOR HOTELS WITH 0.5 STEP

Starting from Release 7.12 internal rating of self-operated hotels supports values to within 0.5.

Access:

Self-operated products >> Hotels >> A certain contract with a hotel >> View the hotel description
 Self-operated products >> General information





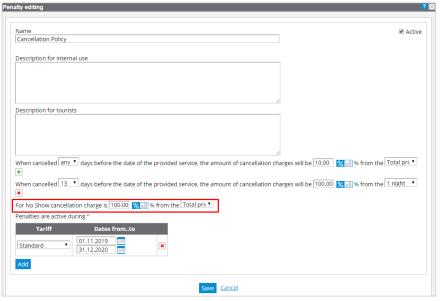


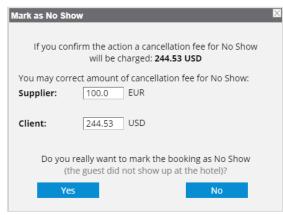
SELF-OPERATED HOTELS: SETTINGS AND TRACKING OF NO SHOW FOR HOTELS

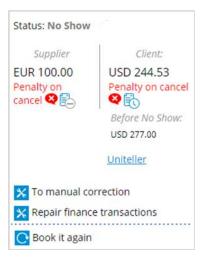
As the result of different reasons and circumstances a guest may fail to arrive on a certain date at a hotel and not cancel a booking prior to the check-in date. To cover themselves for this eventuality, hotels integrate a charge called a No Show fee into their pricing structure. The functionality to set up a such a fee has been implemented in Release 7.12 in the section of creating a penalty.

Access:

Self-operated products >> Hotel >> A certain contract >> Prices >> Penalties







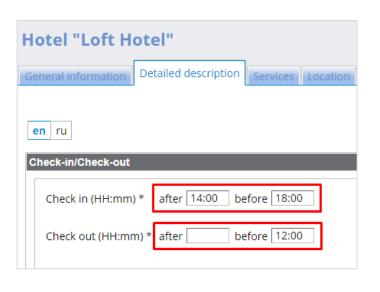


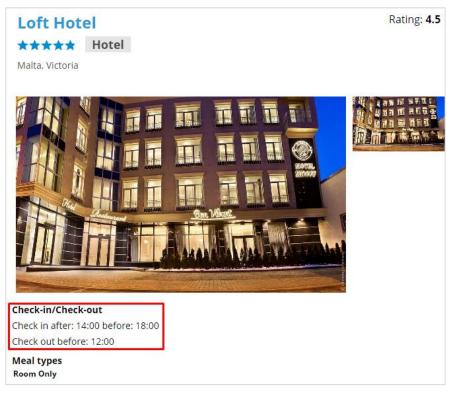
SELF-OPERATED HOTELS: CHECK-IN AND CHECK-OUT TIME AS RANGE FROM/TO

Due to the fact that some hotels operate with ranges and not fixed values as far as the hours of check-in and check-out are concerned, in Release 7.12 it will be possible to specify the values "After" and "Before".

Access:

Self-operated products >> Hotels >> A certain contract with a hotel >> View the hotel description
 >> Detailed description







BO: SPECIFIC MARKUPS CALCULATION (MARGIN BASIS)

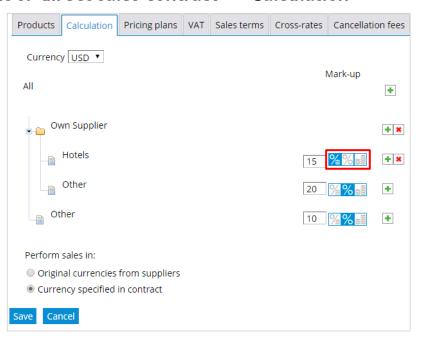
The final price for a client is usually based on net rate from a supplier plus additional amount from a tour operator. In order to meet business needs, in Release 7.12 the margin concept of pricing has been introduced, which is calculated as the amount of sales minus the cost of service sold.

The following formula is used for the calculation for this markup:

Client price = Supplier price / (100% - Markup %)

Access:

✓ A certain contract of a client or direct sales contract >> Calculation





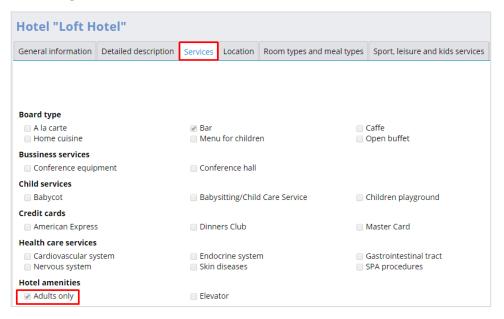
BO: SEARCH HOTELS BY SERVICE "ADULTS ONLY"

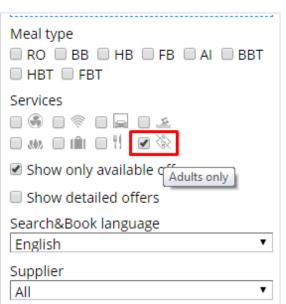
Some hotels have strict children policy and are available for adults only. Tourists that travel without children may have a requirement to stay at hotels where children are not allowed. In this case it is very important to be able to search hotels for adults only starting from the search form.

In order to implement such a functionality, a new service "Adults only" has been added to the hotel description.

Access:

Self-operated products >> Hotels >> A certain contract with a hotel >> View the hotel description >> Services





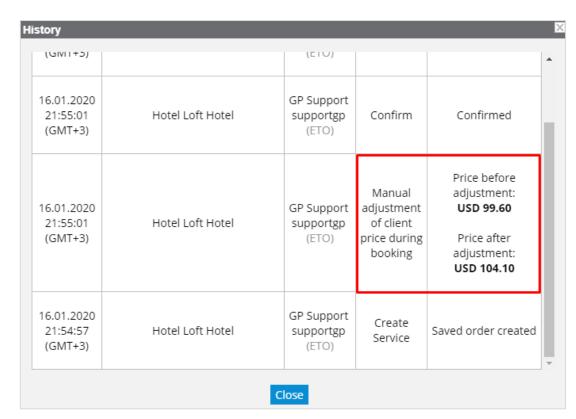


BO: DISPLAY OF INFORMATION ON PRICE ADJUSTMENT IN RESERVATION HISTORY

Since tour operators of 1st and 2nd level are allowed to change offer's price for their clients during search and book process, in Release 7.12 it will be possible to see the details whether there was any price modification indicating the previous value as well as the new one.

Access:

Reservations >> View reservations>> A separate booking >> History



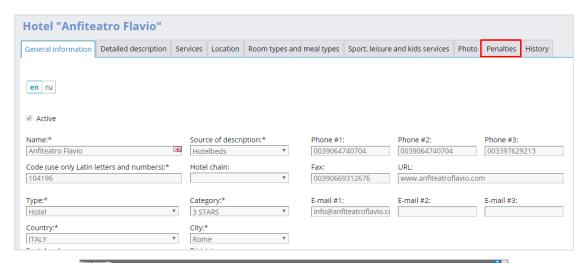


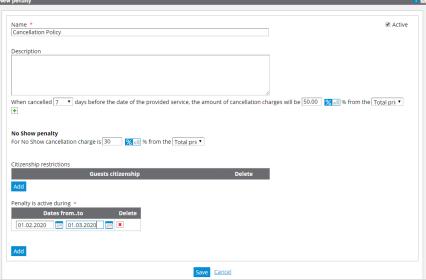
BO: SETTINGS OF CANCELLATION POLICY FOR EXTERNAL SUPPLIERS IN HOTEL DESCRIPTION

Due to the fact that sometimes external suppliers may not send cancellation policies for hotels (for example, Hotels supplier Isrotel), starting from Release 7.12 penalties can be configured in the hotel description.

Access:

Settings >> List of hotels >> Search for a hotel >> Hotel description >> Penalties





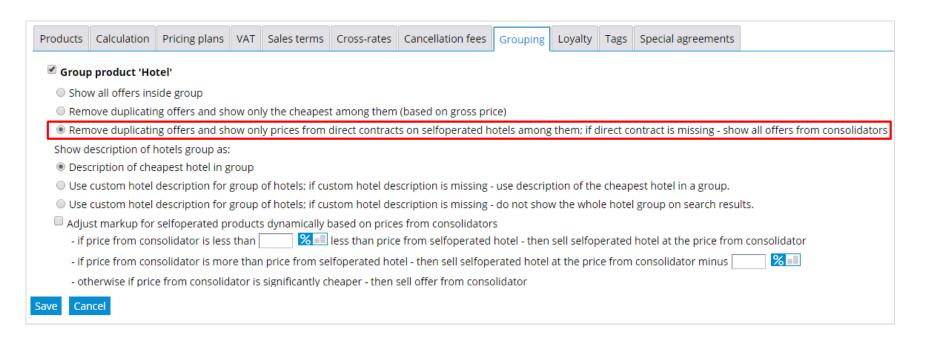


BO: HOTELS GROUPING - OPTION TO DISPLAY PRICES FROM DIRECT CONTRACTS ONLY

A new type of offers' grouping has been introduced in Release 7.12. Tour operators of 1st level can make use of the grouping shown in case of mapping of self-operated hotel with the same hotel from consolidator(s) and duplicate offers where only prices from direct contracts are removed from search results. In case if a direct contract is missing, all offers from consolidators will be shown.

Access:

A certain contract of a client or direct sales contract >> Grouping >> Group product 'Hotel'



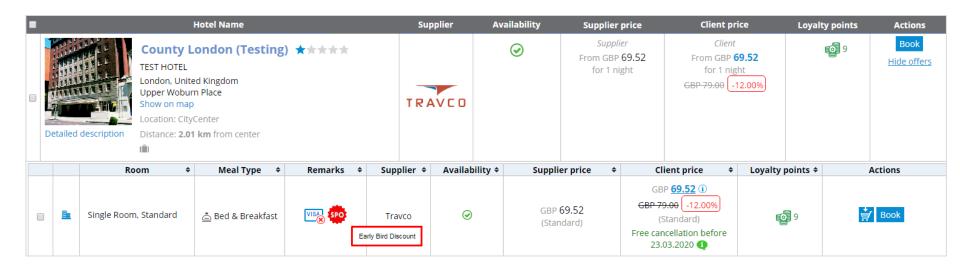


BO: SPECIAL OFFER DESCRIPTION ON SEARCH RESULTS

If a supplier sends information about a special offer, it will be possible not only to see the amount of the discount applied, but also the details on it sent by the supplier.

Access:

 Search for hotels >> Show offers of a certain hotel >> Place the cursor over the icon of a special offer





BO: ROOM TYPES DISPLAY ON THE LIST OF RESERVATIONS

Now in order to see the booked room type, there is no need to open a separate window of a reservation, but instead, it can be checked on the list of bookings by bringing the cursor to a hotel's name and the room type will automatically pop up.

Access:

✓ Reservations >> View reservations >> Place the cursor over a hotel's name.

	d reservations: 702 ch & Book <u>New reserv</u> a	ntion request E	dit Receive /	Issue invoices Mass I	mai <u>l</u>			
•	Reservation number	Company	Manager	Client	Room: Standard Single	Status	Travelers	Supplier
	1188 In progress	TA Supervisor Supervisor	director2	4 Ms. Anna Borjes	Test Hotel Belarus, Minsk 18.01.2020 - 20.01.2020	⊘	Anna Borjes	Own Supplier 1VVHJ
	1061 In progress	TA Supervisor Supervisor	director2	Ms. Anna Borjes	Renaissance Cancun Resort & Marina Mexico, Cancun 29.01.2020 - 30.01.2020	⊘	Anna Borjes	Renaissance Cancun Resor & Marina 1V8JQ
					Westbury (Testing) United Kingdom, London 18.01.2020 - 20.01.2020	②	Anna Borjes	Travco SD13858/01

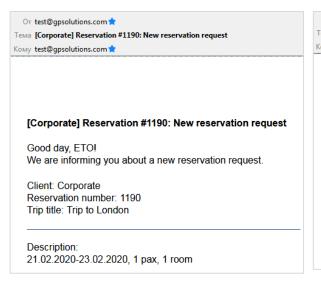


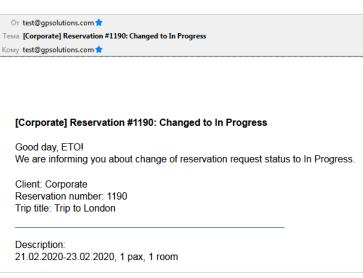
BO: NEW NOTIFICATIONS ON RESERVATION REQUEST AND STATUS CHANGE TO IN PROGRESS

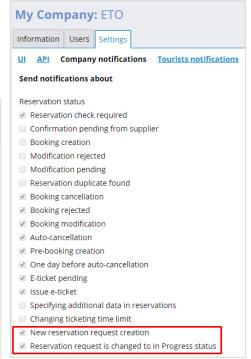
In order to improve the system's usability, new types of notifications have been added, which will inform users about creation of a new reservation request (the status "New") as well as its transition to the status "In progress".

Access:

- Company profile >> Settings >> Company notifications
- Clients >> Agencies/Distributors >> A certain client >> Settings >> Notification settings







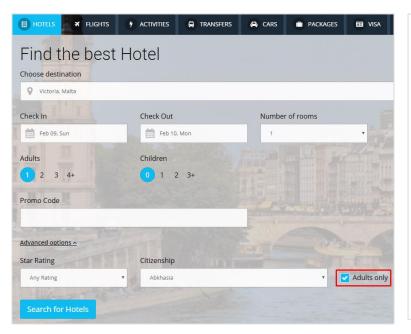


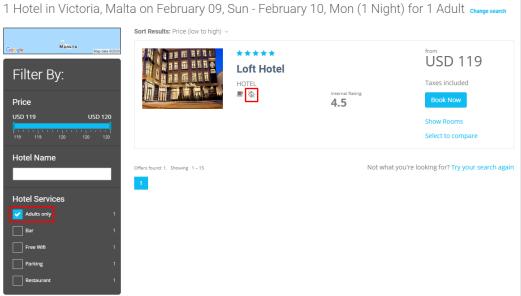
B2B/B2C: SEARCH HOTELS BY SERVICE "ADULTS ONLY"

Some hotels have strict children policy and are available for adults only. Tourists that travel without children may have a requirement to stay at hotels where children are not allowed. In this case it is very important to be able to search hotels for adults only starting from the search form.

Access:

✓ Hotels' search form





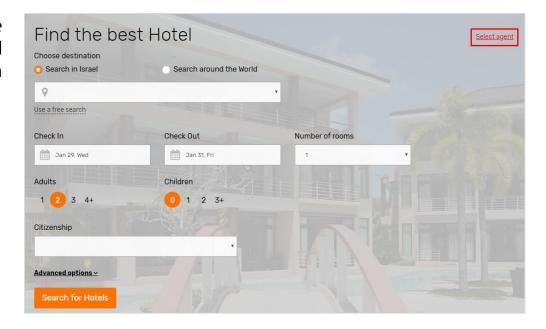


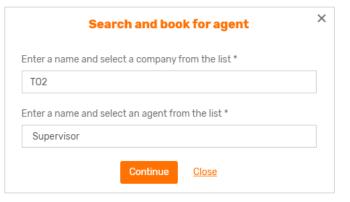
B2B: SEARCH AND BOOK UNDER TOUR OPERATOR OF 1ST LEVEL (TO1) FOR TO2

Users of tour operators of 1st level will be able to add services to the bookings created for tour operators of 2nd level through an interface of the new B2B.

Access:

Search form





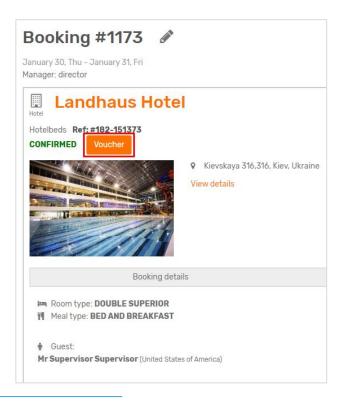


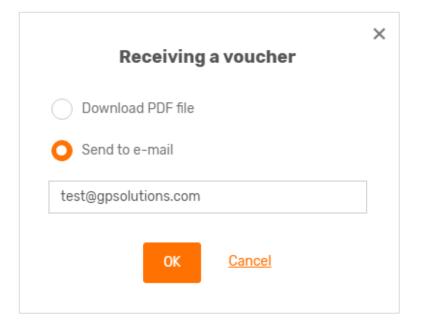
B2B/B2C: SENDING VOUCHER FROM RESERVATION TO ENTERED EMAIL

The functionality to send a reservation's voucher to an e-mail has been implemented for an interface of the B2C and the new B2B.

Access:

Separate reservation form >> Voucher >> Send to e-mail





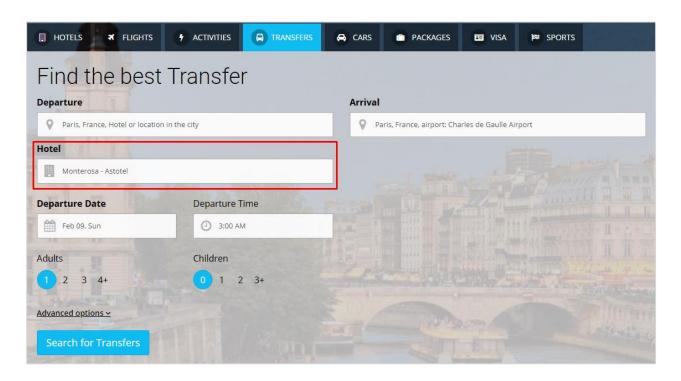


B2B/B2C: SEARCH OF TRANSFERS FROM/TO A CERTAIN HOTEL (HOTELBEDS)

Now it is possible to select a hotel from the list when searching for transfers from Hotelbeds. Such a functionality has been implemented to meet the cases when a more accurate search for a transfer is required. For instance, when a supplier divides the city into several zones and the cost of the transfer depends on the specified zone.

Access:

Transfer's search form



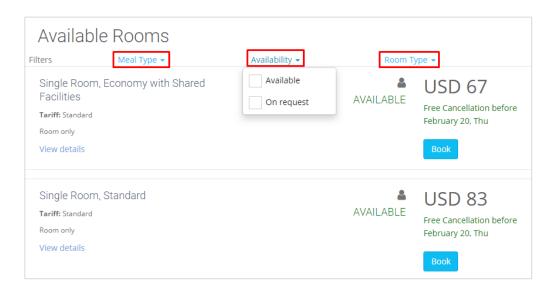


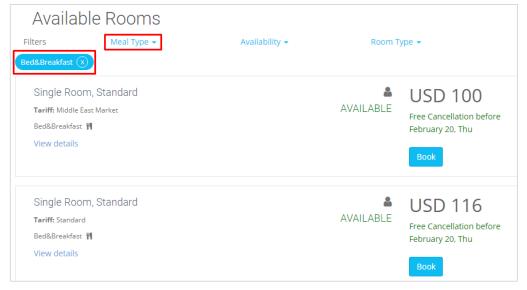
B2B/B2C: FILTERS FOR THE LIST OF ROOMS

In order to make the work with the list of a hotel's rooms easier, three filters have been added, namely "Meal type", "Availability" and "Room type".

Access:

✓ Hotel's info page





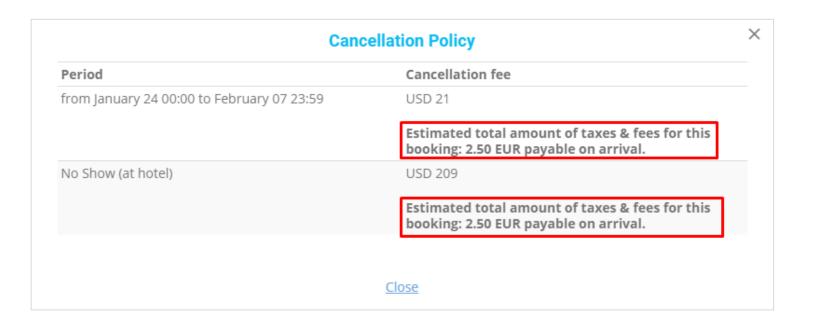


B2B/B2C: DISPLAY OF CANCELLATION POLICY AS TEXT

Sometimes it is required to indicate some additional information for standard cancellation rules with dates and penalties for self-operated hotels. In Release 7.12 it will be possible to specify description of the penalty.

Access:

Hotel's info page





B2B: DISPLAY OF CLIENT NAME (COMPANY) AND ORIGINAL SUPPLIER FOR TO1

In an interface of the new B2B there is now a possibility to see original suppliers as well as client companies' names for users of tour operators of 1st level.

Access:

✓ B2B's user account >> Bookings

#	Туре	Title	Location	Dates	Travellers	Status	Supplier price	Client price	Vouche
1172 View details	Hotel	Best Western The Cromwell (Testing) Single Room, Standard Room Only	United Kingdom, London	January 30, Thu - January 31, Fri	Mr. Supervisor Supervisor	Booking check required	GBP 147 Not invoiced	USD 384.19 Not invoiced	
	notei					Travco			
1191 View details	Hotel	Лофт Отель Single Room Only	Malta, Victoria	February 24, Mon - February 25, Tue	Mr. Ivan Ivanov	Confirmed Own Supplier	USD 99.6 Not invoiced	USD 189.6 Not invoiced	B
1109 View details	Hotel	Kensington Court (Testing). Single Room, Standard Bed & Breakfast	United Kingdom, London	January 18, Sat - January 19, Sun	Mr. Supervisor Supervisor	Booking check required Travco	GBP 157.5 Not invoiced	USD 411.63 Not invoiced	
190 Trip to London View details Corporate									
1189 View details	Activity	London Nightlife ticket	United Kingdom, London	January 18, Sat	Ms. Anna Borjes	Confirmed Hotelbeds	EUR 11.62 Not invoiced	USD 31,41 Not invoiced	B
TA TA	X Flight	SEN-CDG	London - Paris	February 09, Sun	Ms. Anna Borjes	Pre Confirmed Hotelbeds	EUR 40 Not invoiced	USD 108.12 Not invoiced	

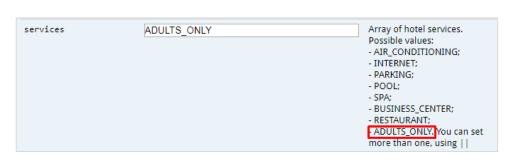


API: SEARCH HOTELS BY SERVICE "ADULTS ONLY"

As a part of the API-based system, new value "ADULTS_ONLY" has been added to the parameter "Services" of the GET /searchAccommodation method. Some hotels have strict children policy and are available for adults only. Tourists that travel without children may have a requirement to stay at hotels where children are not allowed.

Access:

✓ API >> GET /searchAccommodation



```
Response Body

{
        "supplierServiceName": "Free Wi-Fi"
     },
      {
            "supplierServiceName": "Electronic keys"
     },
      {
            "otaCode": 5,
            "otaName": "Air conditioning",
            "supplierServiceName": "Air Conditioning/Climate Control",
            "standardName": "Air conditioning",
            "groupName": "AIR_CONDITIONING"
      },

      {
            "otaCode": 217,
            "otaName": "Adults only",
            "supplierServiceName": "Adults only",
            "standardName": "Adults only",
            "groupName": "ADULTS_ONLY"
      }
}
```



API: NEW PARAMETERS PHONE AND EMAIL IN POST / PREPAREACCOMMODATIONBOOK

Two optional parameters "email" and "phone" have been added to the request of POST /prepareAccommodationBook. The values of these parameters added during booking are returned in the response of GET /orders and GET /ordersB2C methods as well.

Access:

✓ API >> POST /prepareAccommodationBook

```
Parameter Value

body

[
{
    "tourists":
    [
        {
            "prefix":"Mr",
            "firstName":"Ivan",
            "lastName":"Ivanov",
            "citizenshipId":700.
            "email": "test@gpsolutions.com",
            "phone": "+49123456789",
            "type":"adult"}
            ],
            "offerKey":"dgvM2WscIYisJV83"}
            ]

Parameter content type: application/json ▼
```

```
Response Body
                 "travelerId": 2102216,
                "isTourLead": true.
                "isChild": false,
                "citizenshipId": 700,
                "citizenshipName": "Австрия",
                "prefix": "Mr",
                "name": [
                     "firstName": "Ivan",
                    "middleName": "",
                     "lastName": "Ivanov",
                    "sentToSupplier": true
                 "email": "test@gpsolutions.com"
                "phone": "+49123456789",
                 "customFields": [],
                "passports": [],
                "bonusCards": [],
```



API: SEARCH AND BOOK UNDER TOUR OPERATOR OF 1ST LEVEL FOR TO2

In order for a user of Tour operator of 1 level to be able to search and book for agents of Tour operators of 2 level, it is necessary to know precise prices of supplier and client. By using parameters "clientId" and "agentId" while looking for offers for Tour operator of 2 level with current GET /search[Service] methods, the supplier's price (type=SUPPLIER) will be calculated as the price of Tour operator of 1 level set for the Tour operator of 2 level, whereas the client's price (type=CLIENT) will be the price of direct sales under the Tour operator of 2 level.

These changes were implemented throughout search and book process. They are applicable for the methods mentioned below.

Access:

- ✓ GET /search[Service]
- ✓ GET /additionalOptions
- ✓ GET /search[Service]Results
- ✓ POST /prepare[Service]Book
- GET /conditions

- ✓ GET /paymentOptions
- ✓ POST /onlinePayment/initiate
- ✓ POST /onlinePayment/complete
- ✓ POST /onlinePayment/checkOnlinePayment
- ✓ POST /book

```
"salesTerms": [
       "type": "CLIENT",
       "price": {
           "currency": "GBP",
           "amount": 250.84,
         ▼ "commission": {
               "currency": "GBP",
               "amount": 0,
               "percent": 0
         ▶ "taxesAndFees": [...] // 1 item
     ▶ "discount": { ... }, // 5 items
       "originalSupplierCurrency": "USD"
       "type": "SUPPLIER",
       "price": {
           "currency": "USD",
           "amount": 208.56,
           "commission": {
               "currency": "USD",
               "amount": 36
     ▼ "discount": {
           "details": "Discount 10% (standard)"
       "originalSupplierCurrency": "USD"
```

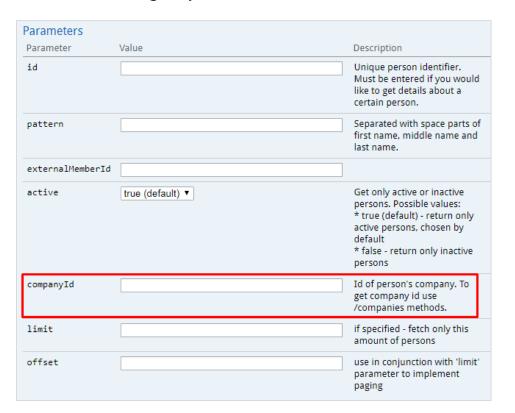


API: GET PRIVATE CLIENTS OF TO2 AND TRAVEL AGENCIES BY COMPANY ID

A new parameter "companyld" has been added to GET /privateClients request. It can be needed when a booking for Tour operator of 2nd level or Travel agency is created under Tour operator of 1st level for existing private client of Tour operator of 2nd level or Travel agency.

Access:

✓ API >> GET /privateClients





API: SENDING VOUCHER FROM RESERVATION TO ENTERED EMAIL(S)

In order to enable sending a voucher to entered email(s) from reservations, as a part of the API-based system a new parameter "emails" has been added to GET /voucher request.

Access:

✓ API >> GET /voucher





API: SEARCH OF TRANSFERS FROM/TO A CERTAIN HOTEL (HOTELBEDS)

Now it is possible to select a hotel from the list when searching for transfers. Such a functionality has been implemented in API as well by the following changes:

- A new parameter "hotelCode" has been added to the response of GET /suggestHotels.
- New parameters "departureHotelCode", "departureHotelName", "arrivalHotelCode" and "arrivalHotelName" have been added to the request of GET /searchTransfer.

Access:

- ✓ API >> GET /suggestHotels
- ✓ API >> GET /searchTransfer

```
departureHotelCode
                                                                             Supplier code of hotel
                                                                             returned in the response of
                                                                             GET /suggestHotels. Should
                                                                             be used only in case when
                                                                             departurePlace = 'hotel'
departureHotelName
                                                                             Any free text of hotel name
                                                                             (full or part) to be sent to
                                                                             supplier. Should be used
                                                                             only in case when
                                                                             departurePlace = 'hotel'
arrivalPlace
                                                                             'hotel' for hotel or address
                       (required)
                                                                             location, airport code for
                                                                             airport location (e.g. DME),
                                                                             id of train station for rail-
                                                                             way station (can be
                                                                             obtained from
                                                                             /trainStations with
                                                                             productType = TRANSFER)
arrivalHotelCode
                                                                             Supplier code of hotel
                                                                             returned in the response of
                                                                             GET /suggestHotels. Should
                                                                             be used only in case when
                                                                             arrivalPlace = 'hotel'
arrivalHotelName
                                                                             Any free text of hotel name
                                                                             (full or part) to be sent to
                                                                             supplier. Should be used
                                                                             only in case when
                                                                             arrivalPlace = 'hotel
```



API: SEARCH OF FLIGHTS BY IATA CODE OF CITY OR AIRPORT

In order to differentiate between flight search by IATA code of a city and IATA code of an airport, some changes have been made in GET /searchFlight method. Now, when searching by IATA code of an airport, the asterisk (*) after IATA code should be added in the parameter "routes". For instance, if indicated as JNB*-PAR,2020-03-01,[08:00-16:00] (time range is optional), JNB represents IATA code of the airport and PAR represents IATA code of the city.

Access:

✓ API >> GET /searchFlight

routes	IND* DAD 2020 02 04	MOW- quer	0/
outes	JNB*-PAR,2020-03-01		y array[string
		RIX,2014-08-	
		12[,08:00-	
		16:00] (time	
		range is	
		optional). In	
		case of the	
		same IATA	
		code for city	
		and airport to	
		add asterix (*	
) after IATA	
		code, e.g. JBN*	
		to specify that	
		search must	
		be done for	
		airport.	



API: CORPORATE SALES

A number of changes in API regarding corporate sales have been made in Release 7.12. The aim is to encourage the work in the new B2B providing the same opportunities for conducting corporate sales as in the old version of the system. Verification of corporate policy violation during search and book steps has been implemented.

- A number of new parameters, namely "personCustomFields", "customFieldId", "customFieldValueId", "customFieldText", "orderCustomFields", "customFieldId", "customFieldValueId", "customFieldText" have been added to the request of POST /prepare[Service]Book in order to make a reservation taking into account the violation of corporate policy.
- A number of new parameters, namely "corporatePolicyViolation", "corporatePolicies", "corporatePolicyId", "corporatePolicyName", "corporatePolicyDescription" have been added at the level of a reservation, and such parameters as "corporatePolicyViolation", "corporatePolicies", "corporatePolicyId", "corporatePolicyName", "corporatePolicyDescription", "corporatePolicyViolationCodes", "id", "name" have been added at the level of a person/traveler. These parameters are returned in the response of GET /search[Service].

Access:

- ✓ API >> POST /prepare[Service]Book
- ✓ API >> GET /search[Service]

```
"firstName": "Three",
"lastName": "Employee",
"personId": 2042640,
"birthdate": "2000-01-01",
"personCustomFields": [

{
   "customFieldId": 2042767,
   "customFieldValueId": 5,
   "customFieldText": "Developer"
}
```

```
"orderCustomFields": [

{
    "customFieldId": 2042769,
    "customFieldValueId": 8,
    "customFieldText": "Accomodation"
}
```



API: CORPORATE SALES

- A new parameter "corporatePolicyViolationCodeId" have been introduced in the request of POST /book in order to specify the reason of corporate policy violation.
- A new parameter "violationDescription" has been added to the response of GET /orders in order to be able to get short description of corporate policy violation.

Access:

- ✓ API >> POST /book
- ✓ API >> GET /orders

```
| The state of th
```

```
Response Body
                "corporatePolicyId": 6,
                "corporatePolicyName": "Hotel corporate policy schema 2",
                "corporatePolicyDescription": "for Director only"
            "violationCode": "4",
            "violationDescription": "Extra book"
             'extraServices": [],
            "serviceDetails": [
                "hotelId": 1359332,
                "hotelCode": "408780",
                "channelManagers": [],
                "hotelName": "Hilton Garden Inn Astana",
                "countryId": 19409,
                "countryName": "KA3AXCTAH",
                "cityId": 168116,
                "cityCode": "168116",
                "cityName": "Astana",
```



API: ERRORS AND WARNINGS HANDLING - EXTENSION OF INFORMATION

Some changes have been implemented in API in order to make the errors' handling more convenient and comprehensible for users. Additional parameters "errorType", "token", "message" and "parameters" have been introduced to the structure of error arrays.

Access:

✓ API

```
Response Body

{
    "errors": [
        {
             "errorType": "validation",
             "token": "api.cannot.find.person.with.id",
             "message": "Cannot find person with id 21",
             "parameters": [
                  "21"
             ]
        }
        ]
     }
}
```



Your opinion matters

Dear clients!

We hope that you will find these enhancements useful.

Send your questions, feedback and suggestions to our e-mail address support@software.travel with "Release 7.12" in the subject line.

