

# Certification Audit Report

**Organization:** Peer GmbH  
**Version:** 2018-10 Gold  
Server

**Date/Period of audit:** 2019-10-02 - 2019-10-08  
Audit on 2019-10-07 at Peer GmbH

**Location:** Peer GmbH – via Bolzano 63/a  
**Auditor:** Seppi Ulrich  
**Technical reference personnel:** DG, LR

## General

The audit took place between 2th and 8th October with the purpose to prove the AlpineBits V2018-10 standard conformity of Peer's server endpoint <https://interfaces.peer.biz/alpinebits>. The major part has been verified by remote accessing the server, in date 7th October from 13:30h to 16:00h a on-site audit took place at customers office.

In addition to the auditor Seppi Ulrich, also DG and LR have participated as internal technical reference persons to clarify questions while the audit.

## Methodology

Peer's AlpineBits server has been tested against all fundamental rules and characteristics described by the AlpineBits Standard V2018-10. All functional tests have been executed with a dedicated client software, which permits to invoke test request messages for each single rule and to evaluate their relative responses from the tested server. All XML requests and responses have been validated through the official AlpineBits XSD + RNG files and OTA 2015A XSD files. For the schema validation the official AlpineBits schema validation service <https://development.alpinebits.org/validator/> has been used.

The customer also provided access to his backend application to check the regular treatment of the received request messages.

## What hasn't been validated

The certification audit doesn't consider following criterias:

- software and hardware stability
- software and hardware security
- request frequency and density tests

## Actions validated

Following action and message types have been validated in order they are listed:

- OTA\_Ping:Handshaking
- OTA\_HotelDescriptiveContentNotif:Inventory
- OTA\_HotelAvailNotif:FreeRooms
- OTA\_Read:GuestRequests
- OTA\_NotifReport:GuestRequests
- OTA\_HotelRatePlanNotif:RatePlans

## Server credentials

URL <https://interfaces.peer.biz/alpinebits/>

Credentials used:

HotelCode	3110
X_AlpineBits_ClientID	(not required by the server)

## Server supported capabilities

- action\_OTA\_Ping
- action\_OTA\_HotelAvailNotif
- OTA\_HotelAvailNotif\_accept\_categories
- OTA\_HotelAvailNotif\_accept\_deltas
- OTA\_HotelAvailNotif\_accept\_BookingThreshold
- action\_OTA\_Read
- action\_OTA\_HotelDescriptiveContentNotif\_Inventory
- OTA\_HotelDescriptiveContentNotif\_Inventory\_use\_rooms
- OTA\_HotelDescriptiveContentNotif\_Inventory\_occupancy\_children
- action\_OTA\_HotelRatePlanNotif\_RatePlans
- OTA\_HotelRatePlanNotif\_accept\_ArrivalDOW
- OTA\_HotelRatePlanNotif\_accept\_DepartureDOW
- OTA\_HotelRatePlanNotif\_accept\_RatePlan\_BookingRule
- OTA\_HotelRatePlanNotif\_accept\_RatePlan\_RoomType\_BookingRule
- OTA\_HotelRatePlanNotif\_accept\_RatePlan\_mixed\_BookingRule
- OTA\_HotelRatePlanNotif\_accept\_Supplements
- OTA\_HotelRatePlanNotif\_accept\_FreeNightsOffers
- OTA\_HotelRatePlanNotif\_accept\_FamilyOffers
- OTA\_HotelRatePlanNotif\_accept\_overlay
- OTA\_HotelRatePlanNotif\_accept\_OfferRule\_BookingOffset
- OTA\_HotelRatePlanNotif\_accept\_OfferRule\_DOWLOS

The server does also support GZIP.

## List of optional features that have not been implemented

The server does not support or require following optional features:

- HTTPS Header field X\_AlpineBits\_ClientID (is ignored by the server)
- Room based OTA\_HotelAvailNotifRQ messages
- Server does accept BookingThreshold correctly but does simply ignore this data
- Hint for FreeRooms with CompleteSet with Type=35, it is treated correctoy as Type=16
- Amenities for Inventory
- Inventory Basic/Pull and Hotelinfo/Push+Pull
- Attribute Remark for GuestRequests
- Included service comments for GuestRequests
- Reservations (only quote requests are supported)
- GuestRequest PUSH action
- Attributes RatePlanType & RatePlanCategory for RatePlans

- RatePlanJoin with attributes RatePlanID and RatePlanQualifier
- BaseRates

The non-support of all these features does not break the standard conformity.

## Result

While the audit the customer's server has been tested on 144 rules described by the AlpineBits standard 2018-10. 142 rules result being well implemented by the server.

Two non-conformities have been identified, which have been correctly resolved by the customer in date 8th October so that, at the end, everything resulted fully AlpineBits 2018-10 compliant.