

# **Certification Audit Report**

## **Prerelease for customer**

**Organization:** Peer GmbH  
**Version:** 2015-07b Gold Server

**Date of audit:** 2017-08-31 9:15 -17:30 h  
2017-09-11 21:00-21:30 h

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

## General

The audit took place on 31th August from 9:15h to 17:30h with the purpose to prove the AlpineBits V2015-07b standard conformity of Peer's server endpoint <https://interfaces.peer.biz/alpinebits>.

In addition to the auditor Seppi Ulrich, also Daniele Gobbetti and Luca Rainone 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 V2015-07b. 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 <http://alpinebits.testingmachine.eu/validator> has been used.

All AlpineBits rules relative to the HTTPS protocol have been validated using the additional free software *Fiddler*. 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

## Actions validated

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

- Housekeeping getCapabilities and getVersion
- OTA\_HotelDescriptiveContentNotif:Inventory
- OTA\_HotelAvailNotif:FreeRooms
- OTA\_Read:GuestRequests
- OTA\_NotifReport:GuestRequests
- OTA\_HotelRatePlanNotif:RatePlans

Please note that the action OTA\_HotelRatePlanNotif:SimplePackages has not been validated as it is not part of the certification level Gold for 2015-07b.

## Server credentials

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

Credentials used:

HotelCode	3110
X_AlpineBits_ClientID	Test
X_AlpineBits_ProtocolVersion	2015-07b

## Server supported

- action\_getVersion
- action\_getCapabilities
- action\_OTA\_HotelAvailNotif
- OTA\_HotelAvailNotif\_accept\_categories
- OTA\_HotelAvailNotif\_accept\_deltas
- action\_OTA\_Read
- action\_OTA\_HotelDescriptiveContentNotif\_Inventory
- OTA\_HotelDescriptiveContentNotif\_Inventory\_use\_rooms
- OTA\_HotelDescriptiveContentNotif\_Inventory\_occupancy\_children
- OTA\_HotelDescriptiveContentNotif\_Inventory\_accept\_basic
- action\_OTA\_HotelRatePlanNotif\_RatePlans
- OTA\_HotelRatePlanNotif\_accept\_MinLOS
- OTA\_HotelRatePlanNotif\_accept\_MaxLOS
- 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

The server does also support GZIP.

## List of optional features that have not been implemented

The server has not support or require following optional features:

- Attributes RatePlanType & RatePlanCategory for RatePlans
- Attribute Remark for GuestRequests
- Included service comments for GuestRequests
- Additional Inventory data
- Room based OTA\_HotelAvailNotifRQ messages
- HTTPS Header field X\_AlpineBits\_ClientID (is ignored by the server)

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 106 rules described by the AlpineBits standard 2015-07b. 104 rules result being well implemented by the server.

Two minor non-conformities have been detected which delayed the successfully certification to a reaudit.

Both non-conformities have been successfully tested while the reaudit on September 11th and both now result being conform to the standard. This completes the full AlpineBits 2015-07B compliance of customers AlpineBits server <https://interfaces.peer.biz/alpinebits>.