

Certification Audit Report

HGV 2017-10 Client Gold

Organization:	HGV
Version:	2017-10 Client Gold
Date/Period of audit:	From 2018-06-07 to 2018-06-13 Final audit on 2018-06-18 16:00-18:00 h
Location:	Yanovis - Giuseppe-di-Vittoriostr. 16
Auditor:	Seppi Ulrich
Customers technical reference personnel:	TA, HW, MR (Yanovis) GM (HGV)

General

The audit took place between 07th and 13th June with the purpose to prove the AlpineBits V2017-10 standard conformity of the HGV Easychannel (client software).

In addition to the auditor Seppi Ulrich, also TA, HW, MR and GM have participated as internal technical reference persons to clarify questions.

Methodology

HGV's AlpineBits client has been tested against all fundamental rules and characteristics described by the AlpineBits Standard V2017-10 document. All request messages invoked by HGV's client have been validated against the correspondent rule(s) described by the standard. All functional tests have been verified by the auditor through interrogation, live observation and using the official AlpineBits server as testing and monitoring tool to validate all client's requests. All XML messages 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.

All AlpineBits rules relative to the HTTPS protocol have been validated using the official AlpineBits test server.

What hasn't been validated

The certification audit didn't consider following criterias:

- software and hardware stability
- software and hardware security
- request frequency, load and density
- price calculation algorithm

Actions validated

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

- Housekeeping getCapabilities and getVersion
- OTA_HotelDescriptiveContentNotif:Inventory (Basic - Push)
- OTA_HotelDescriptiveContentNotif:Info (Basic - Push)
- OTA_HotelAvailNotif:FreeRooms
- OTA_Read:GuestRequests
- OTA_NotifReport:GuestRequests
- OTA_HotelRatePlanNotif:RatePlans

Credentials used for certification audit

AlpineBits Server URL	https://development.alpinebits.org/server-2017-10/
Credentials used:	AB-Cert-HGV837
HotelCode	AB-Cert-837h
X_AlpineBits_ClientID	ABCert-X-AlpineBits-HGV837
X_AlpineBits_ProtocolVersion	2017-10

Client supported capabilities

- action_getVersion
- action_getCapabilities
- action_OTA_HotelAvailNotif
- OTA_HotelAvailNotif_accept_categories
- OTA_HotelAvailNotif_accept_rooms
- OTA_HotelAvailNotif_accept_deltas
- OTA_HotelAvailNotif_accept_BookingThreshold
- action_OTA_Read
- action_OTA_HotelDescriptiveContentNotif_Inventory (Inventory/Basic push)
- action_OTA_HotelDescriptiveContentNotif_Info (Inventory/HotelInfo push)
- 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_RoomType_BookingRule
- OTA_HotelRatePlanNotif_accept_Supplements
- OTA_HotelRatePlanNotif_accept_FreeNightsOffers
- OTA_HotelRatePlanNotif_accept_FamilyOffers
- OTA_HotelRatePlanNotif_accept_overlay
- OTA_HotelRatePlanNotif_accept_RatePlanJoin
- OTA_HotelRatePlanNotif_accept_OfferRule_BookingOffset
- OTA_HotelRatePlanNotif_accept_OfferRule_DOWLOS

Capabilities not supported

- OTA_HotelRatePlanNotif_accept_RatePlan_BookingRule
- OTA_HotelRatePlanNotif_accept_RatePlan_mixed_BookingRule
- action_OTA_HotelRatePlan_BaseRates
- OTA_HotelRatePlan_BaseRates_deltas
- action_OTA_HotelDescriptiveInfo_Inventory (Inventory/Basic pull)
- action_OTA_HotelDescriptiveInfo_Info (Inventory/HotelInfo pull)

Further the client does **not** use following optional features:

- gzip
- purging availability (the client does delete availabilities or mark them as occupied, but does not purging them as described by the document)
- SelectionCriteria in GuestReuest messages
- BookingRules without the attribute Code (BookingRules are always linked to room categories)
- UnitMultiplier > P1D: Prices are always defined as per day
- RatePlans: CompleteSet Message
- RatePlans: Promotionals (RatePlanType=12)

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

Result

While the audit the customer's client has been tested on 135 rules described by the AlpineBits standard V2017-10. All rules result being well implemented by the client. No reaudit is needed, HGV's AlpineBits client results full compliant to the version 2017-10.