



HOTEL TECHNOLOGY – NEXT GENERATION

Product Specification

Property Web Services

Version 2007A

Release 2

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PREFACE

Hotel Technology Next Generation (“HTNG”) is a nonprofit organization with global scope, formed in 2002 to facilitate the development of next-generation, customer-centric technologies to better meet the needs of the global hotel community. HTNG’s mission is to provide leadership that will facilitate the creation of one (or more) industry solution set(s) for the lodging industry that:

- Are modeled around the customer and allow for a rich definition and distribution of hotel products, beyond simply sleeping rooms;
- Comprise best-of-breed software components from existing vendors, and enable vendors to collaboratively produce world-class software products encompassing all major areas of technology spending: hotel operations, telecommunications, in-room entertainment, customer information systems, and electronic distribution;
- Properly exploit and leverage a base system architecture that provides integration and interoperability through messaging; and that provides security, redundancy, and high availability;
- Target the needs of hotel companies up to several hundred properties, that are too small to solve the issues themselves;
- Will reduce technology management cost and complexity while improving reliability and scalability; and
- Can be deployed globally, managed remotely, and outsourced to service providers where needed.

In June 2005, HTNG announced the first-ever “Branding and Certification Program” for hotel technology. This program will enable vendors to certify their products against open HTNG specifications, and to use the "HTNG Certified" logo in their advertising and collateral materials. It will enable hotels to determine which vendors have completed certification of their products against which specific capabilities, and the environments in which performance is certified. HTNG’s vision is to achieve a flexible technical environment that will allow multiple vendors’ systems to interoperate and that will facilitate vendor alliances and the consolidation of applications, in order to provide hotels with easily managed, continually evolving, cost-effective solutions to meet their complete technology needs on a global basis.

1.0 INTRODUCTION

1.1 Purpose

This document defines the Hotel Technology Next Generation (“HTNG”) Product Specification for the Property/Distribution Solution.

1.2 References

The following documents are referenced in this document:

1. HTNG Property Web Services Framework 2.0 Specification - Version 1.0.8 available at <http://www.htng.org/specs/published.htm>
2. HTNG Property Web Services Single Guest Itinerary Message Specification - Version 1.0 available at <http://www.htng.org/specs/published.htm>
3. HTNG Property Web Services Single Guest Itinerary Message Flow Documentation - Version 1.0 available at <http://www.htng.org/specs/published.htm>

2.0 **PRODUCT STANDARD**

2.1 **Name**

Property Web Services

2.2 **Product Specification Label**

Property Web Services 2007a

2.3 **Description**

This Product Specification requires conformance to one or more of the following HTNG specifications:

1. HTNG Property Web Services Framework 2.0 Specification - Version 1.0.8.
2. HTNG Property Web Services Single Guest Itinerary Message Specification - Version 1.0
3. HTNG Property Web Services Single Guest Itinerary Message Flow Documentation - Version 1.0

2.4 **Conformance Requirements**

Conformance to the Framework 2.0 Specification is mandatory. Conformance to the Single Guest Itinerary Specification is optional.

2.4.1 *Framework 2.0*

Conformance to the Framework 2.0 Specification may be demonstrated by documenting Web Services that are implemented using it. These may be either defined in other HTNG specifications or they may be proprietary services. The HTNG specified Web Services and proprietary services must be identified and evidence of a successful implementation may be provided in one of three ways:

1. By identifying another implementation with which the product has successfully interoperated.
2. By providing a report of successful internal testing.
3. By providing other evidence of a successful implementation.

At least one Web Service must be cited. Details of proprietary systems cited must be provided.

For each Web Service supported, up to six possible supporting documents may be provided, three of which are mandatory. For HTNG specified services, a fourth document is mandatory – a reference to the HTNG specification.

The communication styles supported must be documented. At least one of the communications styles listed must be supported. For this release of the Product Specification, only the Synchronous style is defined..

2.4.2 *Single Guest Itinerary*

The Single Guest Itinerary specification defines roles:

Activity Reservation System
Accommodation Reservation System
Posting System
Folio System
Customer Profile System
Itinerary Consolidation System
Itinerary Display System

Conformance to the Single Guest Itinerary specification requires the support of all the mandatory functions and messages appropriate to the roles supported. All optional functions and messages must be documented.

2.5 Operational Environment

Not Applicable

2.6 Portability Environment

Not applicable

2.7 Overriding Standards

None

2.8 Indicators of Compliance

None.

There is no test suite defined for this Product Specification.

2.9 Migration

None.

There are no migration issues as this is the first version of the Product Specification.