



## **Product Specification**

### **Payment Systems & Data Security Version 2010A**

## About HTNG

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.

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## 1 Introduction

This document defines the Hotel Technology Next Generation ("HTNG") Product Specification for the Payment Systems & Data Security Specifications 2010A.

The following documents are referenced in this document:

1. HTNG Payment Systems & Data Security Specifications 2010A, Data Proxy Specification Version 1.1 – available at <http://www.htng.org/specs/published.htm>
2. HTNG Payment Systems & Data Security Specifications 2010A, Payment Processing Specification Version 1.0 – available at <http://www.htng.org/specs/published.htm>
3. PCI Data Security Standard – available at [https://www.pcisecuritystandards.org/security\\_standards/pci\\_dss.shtml](https://www.pcisecuritystandards.org/security_standards/pci_dss.shtml)
4. HTNG Web Services Framework Version 2.1.1, Part 1 – Property Web Services Technical Specifications 2009B – available at <http://www.htng.org/specs/published.htm>

## 2 Product Standard

### 2.1 Name

Payment Systems & Data Security

### 2.2 Label for "HTNG Certified" Certification Logo

Payment Systems & Data Security 2010A

When the "HTNG Certified" certification logo, along with this label, is used on, or in relation to, a product registered as conformant to this Product Specification, it must be accompanied by an attribution in the form defined in the HTNG Certification Program Trademark License Agreement.

### 2.3 Description

The Product Specification requires conformance to one of the following technical specifications:

1. HTNG Payment Systems & Data Security Specifications 2010A, Data Proxy Specification Version 1.1
2. HTNG Payment Systems & Data Security Specifications 2010A, Payment Processing Specification Version 1.0

And, additionally, to:

1. HTNG Web Services Framework Version 2.1.1, Part 1 – Property Web Services Technical Specifications 2009B

The above documents are available at <http://www.htng.org/specs/published.htm>

### 2.4 Conformance Requirements

Conformance to either the Data Proxy Specification Version 1.1 or the Payment Processing Specification 1.0 is mandatory. In addition, conformance to the HTNG Web Services Framework Version 2.1.1 is mandatory.

#### ***2.4.1 Payment Systems & Data Security Specifications 2010A, Data Proxy Specification Version 1.1***

The Data Proxy Specification Version 1.1 defines the following roles:

- Business Logic System
- Proxy Vault

#### ***2.4.2 Payment Systems & Data Security Specifications 2010A, Payment Processing Specification Version 1.0***

The Payment Processing Specification Version 1.0 defines the following roles:

- Business Logic System
- Payment Processing System

### 2.5 Operational Environment

Not applicable.

### 2.6 Portability Environment

Not applicable.

### 2.7 Overriding Standards

None.

### 2.8 Indicators of Compliance

None.

## **2.9 Migration**

The Data Proxy Specification Version 1.1 includes minor modifications from version 1.0 and does not present any migration issues.

The Payment Processing Specification Version 1.0 is included in the certification program for the first time, so no migration issues will exist.