

# Architecture Workgroup

## Charter & Objectives

The purpose of this workgroup is to describe an architecture (business architecture, application architecture, and data architecture) that supports the HTNG vision, and would provide guidance and direction to software vendors and hospitality companies alike in choosing and designing applications that support the vision. Key features of the HTNG vision include application integration, interoperability, stability, flexibility, scalability, and adaptability.

## Business Benefits

- Scalable, global solutions leveraging best practices.
- Highly interoperable, multi-vendor environments using best of breed solutions.
- Leveraging SOA and SaaS to maximize functionality across business and functional units.
- Minimizing rollout expenditures through standardization.

## Past & Planned Deliverables

- HTNG Architecture Principles
- HTNG Generic Statement for Interoperability
- HTNG Standard Architectural Framework
- Hospitality Industry Reference Architecture
  - Business Architecture
  - Application Architecture
  - Data Architecture
- HTNG Change Management Plan and Source Control for Shared Services
- HTNG Business Process Models for hotel activities

## Team Structure

The workgroup has two teams, which focus on activities important to a proper enterprise architecture:

- Reference Architecture
- Governance Council

## Participants

Agilysys  
 Amadeus Hospitality  
 Borgata Hotel Casino and Spa  
 Cigital  
 EDS  
 FCS Computer System Sdn Bhd  
 IBM Corporation  
 Infor  
 Infosys Technologies Ltd.  
 InterContinental Hotels Group  
 Knowcross Solutions Pvt. Ltd.  
 Marriott International  
 MTM Luxury Lodging  
 Omni Hotels  
 SoftBrands  
 Starwood Hotels & Resorts Worldwide, Inc.  
 SynXis  
 Teradata  
 Wipro Technologies  
 Wyndham Worldwide Corp.

## ***HTNG Business Goals and Strategic Drivers***

The following Business Goals and Strategic Drivers were adopted by the Architecture Workgroup for the Hospitality Reference Architecture version 1:

- ✓ **To ease the use of existing systems and the acquisition and integration of new systems.**
- ✓ **To ease the assimilation of systems across a multi-property enterprise and the rollup of data across the various definitions of enterprise.**
- ✓ **To enable a vendor to provide a software product based on a functional model that speaks the same language with relation to the business processes.**
- ✓ **To enable IT consumers to make informed decisions when selecting components.**
- ✓ **To facilitate interoperability across various components for the purposes of accelerating deployment and lowering the total cost of ownership.**
- ✓ **To provide increased choice and flexibility in IT acquisitions, and support the IT decision makers in selecting best of breed solutions.**
- ✓ **Meet and exceed the industry expectations that HTNG will lead to greater interoperability at reduced costs amongst hospitality technology products.**