

## Microsoft.Net Migration

Application modernization for a global leader in purchasing and operation control solutions for the hospitality industry

### **The Client:**

The client has been the global leader in purchasing and operation control solutions of the hospitality industry for more than 25 years. The client's products are used in more than 25 countries by many of the world's leading organisations, which include Marriott, Starwood, Loews, Fairmont and Ritz Carlton to name a few.

The client's ability to continuously evolve its product to meet the changing market requirements has made it the preferred choice within the hospitality industry.

### **The Situation:**

The client's flagship product is used around the world by virtually every major hotel chain, not to mention cruise lines, resorts and educational institutions. The client has decided to migrate from the legacy of client-server based product to a three-tier web-based solution (.Net) to offer a truly web enabled product, improve maintainability and reduce licensing costs. The client wanted to introduce new features like Automated Routing, Vendor Quotes and fix the Licensing & Concurrency issues in the old product. Having faced a major outsourcing challenge due to absence of suitable technical documentation, the client sought an established IT services partner having a proven track record in Progress and Microsoft platforms and legacy modernisation.

Infomatics, with more than a decade of experience in developing and maintaining IT applications, has a proven track record of developing custom software solutions in Microsoft, Progress, QAD, SAP and Oracle. Infomatics' Technical Services practice has undertaken several custom applications development, legacy modernisation and application support assignments that have repeatedly delivered best-fit solutions for customers.

## **The Technology:**

- ASP.Net Framework 1.1, Visual Studio,
- SQL Server / Oracle database
- Iron Speed Designer
- LogiXML reporting tool
- Windows 2003 Advance server, IIS6

## **The Solution:**

Infomatics' solution was based on a proven reverse engineering methodology for execution of such projects. A joint team of Progress and Microsoft experts was formed to address the documentation challenge. While the Progress specialists reverse engineered the legacy Progress code, developed specifications and sought approval from the client, the Microsoft team went about developing the new application using .Net framework.

The solution involved:

- Design the .Net framework and freeze the new architecture
- Create web prototype / proof-of-concepts to clearly define requirements
- Migrate / convert the existing application to .Net
- Integrate with POS and Accounting systems
- New modules development
- SLA based support for legacy product

## **What was achieved?**

By leveraging the global delivery capability of Infomatics, the client was able to substantially reduce the overall IT spends on the development of the new product. Additionally, Infomatics also enabled the client to focus on the run & maintenance operations without affecting the client SLAs.