

## EAI Product Development Using XP

**Client:** Solutions Provider for enabling rapid B2B exchange  
**Location:** USA

### Client Description

The Client provides software-based solutions that enable enterprises to easily exchange data with their customers and partners over the Internet. The solutions provide the flexibility to support dynamically changing business environments, and do not require customers or partners to change their existing infrastructure.

### Business Need

The client's flagship product provided a platform for moving data between disparate data sources and various enterprise applications over Internet or enterprise intranet/extranet. It allowed for rapid integration with customers and partners regardless of data types, communication protocols, and security models.

The client was looking to release the next major version of this product, which had to be expanded in scope as well as integrated with different Application Servers. A partner was required not only to reduce the release cycle of the new version but also complement the existing technology skills of the client with skills that they did not have. In addition, the client wanted to use Extreme Programming (XP) as a product development methodology.

### Solution Offered

Blue Star Infotech (BSI) was selected as a partner by the client after demonstrating its technical expertise across a range of application servers and its proven prowess in successfully implementing XP for product companies across distributed locations.

The initial challenge in forming the offshore team was in ensuring that XP was successfully implemented and hence only people with the apt orientation for this methodology were selected. Clear execution and communication channels were setup to ensure that the agility and transparency required in XP would succeed in a distributed environment. Short sub-release cycles were planned in parallel and teams were formed according to these releases.

In addition, to ensure that the objective of the product getting integrated with different application servers was met, as many as 10 servers were deployed. This ensured

that the development and testing activities of XP were carried out in a comprehensive manner and at an early stage of the release cycle. Due to constant collaboration between the client and BSI teams, transparency in execution, and clear communication channels, the entire product release was done well within the initial stipulated time with not a single deadline being missed.

Subsequently the BSI team helped the client in further releases including features like clustering for scalability, support for failover and reporting and monitoring services. In addition the BSI team provided assistance to the client in product implementation and support activities for the end users of the product. This assistance over the complete PLC helped the client maintain agility in its operations and rapidly expand its customer base.

### Benefits to the Client

- Shortened Development cycles with improved quality due to streamlined process implementation
- Strong R&D support to client team in implementing Design Frameworks and in Decision Analysis
- An intranet, which has been set up specifically for the project, enables easy project management and increases the visibility of the project activities to the client.
- 24 Hour Support cycle to potential Customers of

### TECHNOLOGY

- JBoss, BEA WebLogic, IBM-Web Sphere, iPlanet, Microsoft BizTalk Server
- Java, J2EE, JSP, VB, PERL, VB.Net, C#, C++
- MySQL, Oracle, JUnit, Log4J
- HTTP, FTP, SSH, SOAP, SNMP, SMTP
- OpenJMS, WebLogic MQ, WebSphere MQ
- Windows NT, Sun Solaris, Linux
- MS SOAP Toolkits, BEA SOAP Toolkits, IBM SOAP Toolkits, JBoss SOAP Toolkits

#### For more information about Blue Star Infotech:

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