

Visionet Systems Inc. Expertise in Microsoft BizTalk Server

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*10 is the highest level of expertise

Microsoft BizTalk Server

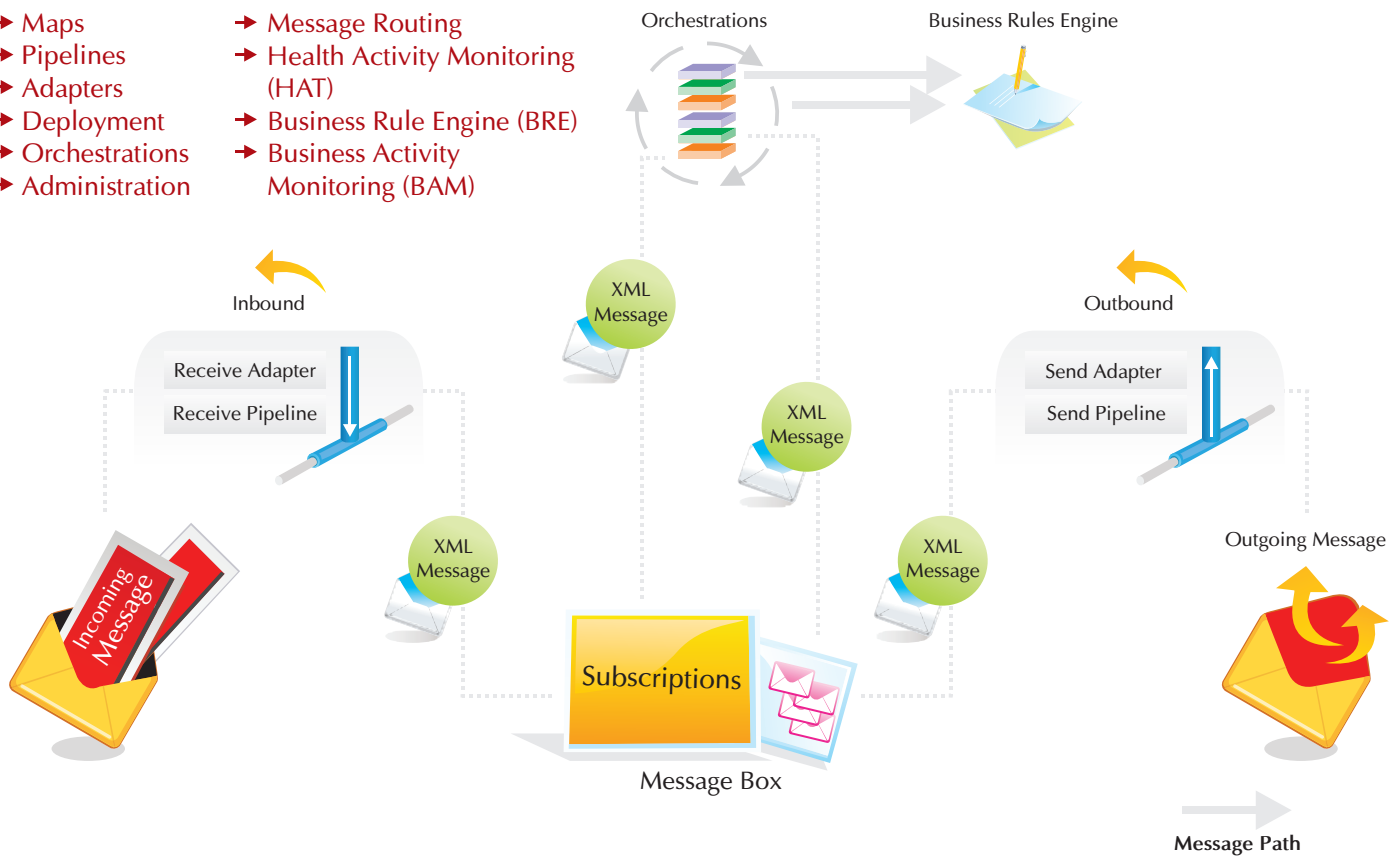
BizTalk Server provides the tools and infrastructure companies require to exchange business documents among various platforms and operating systems, regardless of the application being used to process the documents.

Using BizTalk Server, companies can easily exchange documents between applications within their own organization.

BizTalk Server also provides a standard gateway for sending and receiving documents via the Internet. By taking advantage of BizTalk-compatible messages and compliant schemas, BizTalk Server enables organizations to conduct business online effectively and efficiently.

BizTalk Main Modules and Features

- Schemas
- Maps
- Pipelines
- Adapters
- Deployment
- Orchestrations
- Administration
- Business Process
- Message Routing
- Health Activity Monitoring (HAT)
- Business Rule Engine (BRE)
- Business Activity Monitoring (BAM)



Schemas

Schema is an XML Schema Definition language (XSD)-based description of the structure of one or more BizTalk Server instance messages.

Hands-on Expertise:

- ♥ Flat File Schemas
 - Positional Schemas
 - Fixed Length Schemas
- ♥ XML Schemas
- ♥ Multipart Schemas
- ♥ Envelope Schemas

Maps

Maps is an Extensible Style sheet Language Transformations (XSLT)-based transformation used to convert instance messages that conform to one BizTalk Server schema into instance messages

that conform to another BizTalk Server schema.

Hands-on Expertise:

- ♥ Creating Maps
- ♥ Configuring Basic Functiods
- ♥ Configuring Advanced Functiods
- ♥ Writing Inline Code
- ♥ Calling Custom Assemblies

Orchestrations

A BizTalk artifact representing an arbitrary portion of a business process, and compiled into a .NET assembly containing logic for processing BizTalk messaging interchanges. An orchestration instance is also referred to as a BizTalk service that subscribes to messages. The underlying technology is based upon Microsoft's proprietary

XLANG/s specification, which is partly based on SOAP, WSDL, WSFL, and BPEL specifications.

Hands-on Expertise:

- ♥ Using BizTalk Orchestration Designer for Creating Orchestration
- ♥ Building Orchestrations
- ♥ Managing Orchestrations
- ♥ Orchestration Shapes
- ♥ Orchestration Scopes
- ♥ Creating Multipart Messages
- ♥ Manipulating Messages using XPath
- ♥ Message Convoys
- ♥ Calling Custom Assemblies from Orchestration
- ♥ Calling Pipeline from Orchestration
- ♥ Publishing Orchestrations as web service
- ♥ Calling web services in orchestrations

Health Activity Monitoring (HAT)

A user interface that enables specified data to be tracked. This UI can be used to monitor the health of the BizTalk server farm and to track and view specific events and messages.

Hands-on Expertise:

- ♥ Using Built-In queries to monitor ports, pipelines, messages and orchestrations.
- ♥ Attaching and debugging orchestrations
- ♥ Writing custom queries for monitoring purposes

Pipelines

A software infrastructure that defines and links one or more processing stages, running them in prescribed order to complete a specific task. Pipelines divide processing into stages, abstractions that describe a category of work. They also determine the sequence in which each category of work is performed.

Hands-on Expertise:

- ♥ Using built in pipelines
- ♥ Creating custom pipelines

- ♥ Creating pipeline components
 - Encoder Component
 - Decoder Component
 - Custom Flat File Assembler Component
 - Custom Flat File Disassemble Component

Adapters

A COM or .NET-based component that provides transport protocol or application connectivity operations for receiving and sending messages to or from BizTalk Server. The BizTalk Adapter Framework offers a stable, open interface for all adapters to work with the BizTalk Messaging Engine.

Hands-on Expertise:

- ♥ Using Built In Adapters
 - File
 - FTP
 - SQL
- ♥ Using Line Of Business Adapters
 - Oracle Adapter
 - Using Third Party Adapter
 - Scheduler Adapter

Business Rule Engine (BRE)

A run-time inference engine that evaluates rules against facts and initiates actions based on the results of that evaluation.

Hands-on Expertise:

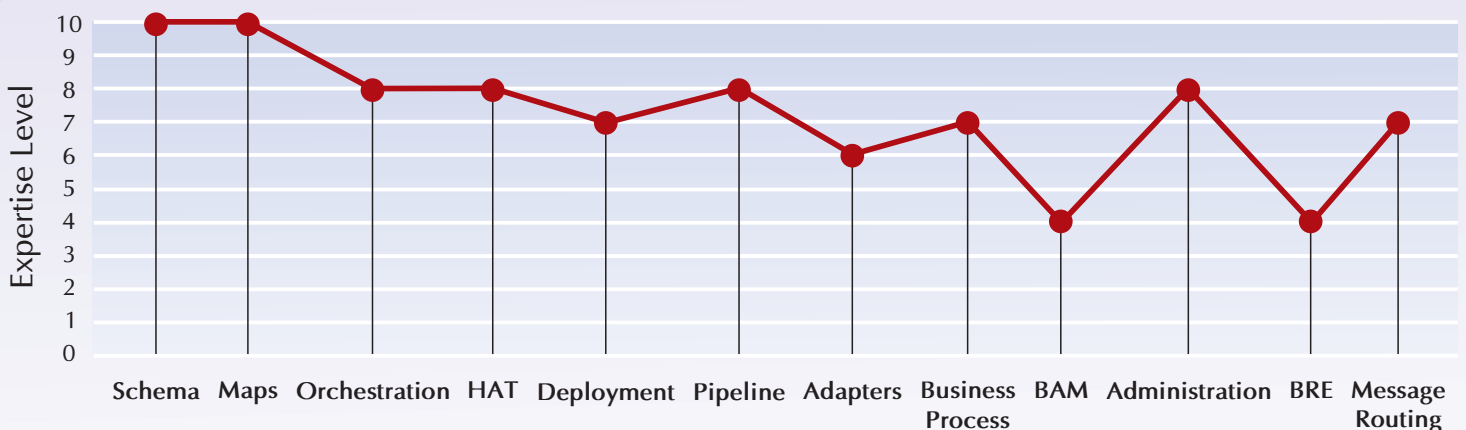
- ♥ Creating and Publishing Vocabularies
 - Using XML Source
 - Using Database Source
 - Using XML Schema
 - Using Message from Orchestration
- ♥ Creating and Publishing Policies
- ♥ Calling Policies and Rules from Orchestration
- ♥ Publishing and deploy business rules

Business Process

A set of one or more linked procedures or activities which collectively realize a business objective or policy goal, normally within the context.

Hands-on Expertise:

- ♥ Creating Business Flows
- ♥ Creating messaging only scenarios
- ♥ Creating and configure long-running and atomic transactions.



BizTalk 2006 Modules

Details:

We have complete training and hands-on for BizTalk server 2006. Total 10 BizTalk trained resources. 3 resources are expert and other are at average and good level. Overall we have good expertise for BizTalk Server 2006 and have developed Kellwood EBA interfaces.

- 7-10 Excellent
- 5-7 Good
- 3-5 Average
- 1-3 Below Average

Why Visionet?

Visionet Systems enable enterprises to unlock the value of their IT investment by accelerating the development and optimization of business applications in Lending, Asset Servicing, Supply Chain Management, CRM, Document Management & Collaboration and Collaborative Portals. Visionet has a very strong value proposition in building exception based management systems using workflow and rules engine technologies.

Visionet is an employee owned organization with one of the best employee and customer retention rates in the industry. It has four development centers in three different countries and has averaged 25% growth per year for the last five years. Visionet has partnered with all the major BPM and technology vendors to offer one stop shop to our clients for economical delivery and program management. Please visit us at www.visionetsystems.com for current information on our expertise and accomplishments.

Business Activity Monitoring (BAM)

A BizTalk Server feature that gives business users a real-time view of their heterogeneous business processes, enabling them to make important business decisions.

Hands-on Expertise:

- ♥ Configuring BizTalk to enable Business Activity Monitoring

Administration)

BizTalk Server Administration Console is used to automate administrative tasks in an enterprise environment.

Hands-on Expertise:

- ♥ Installing and Configuring BizTalk Server Hosting Environment
- ♥ Managing Applications in Microsoft BizTalk Server 2006 Management Console
- ♥ Monitoring Message Activity and Debugging Orchestrations
- ♥ Backing up and Restoring BizTalk Server

Deployment

BizTalk Server deployment includes all items which are required to launch a BizTalk solution. One can deploy using MSI or Script files

Hands-on Expertise:

- ♥ Deploy an assembly by using Visual Studio and view deployed assemblies by using the Assembly viewer
- ♥ Deploy an application as a Microsoft Installer (MSI) package
- ♥ Create and import binding files.
- ♥ Adding custom resources for BizTalk Application
- ♥ Creating Pre and post installation scripts

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