

Project Summary

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Warning:

Our Confidentiality Agreement prohibits the sharing of detailed project information

1. Business Objective

Provide application integration services, develop custom reports and ensure Sarbanes-Oxley compliance.

2. Project Overview

Our client, a full service [energy marketer and portfolio manager](#), engaged Information Integrators Inc. services to assist in supporting an off the shelf energy management application written by [EnSite](#).

With the enactment of the [Sarbanes-Oxley Act](#) our client was in need of application integration and administration skills that were compliant with Sarbanes-Oxley Act.

3. Solution

We provided our customized application integration methodology which consists of but not limited to:

- Use Case Narratives
- Navigation Story Boards
- Test Case Validations
- Automated build procedures
- Documentation Generation

Working with the client, formalized work requests are generated. Use Case(s) are then created/modified detailing the desired business processes. Supporting Story Board and test case logic are reviewed and accepted by the client. Finally, and appropriate design and implementation is constructed and released into a controlled testing environment. Upon documented client acceptance, the deliverable(s) is(are) migrated into production by an application administrator.

Also, working with the application vendor, we implemented Sarbanes-Oxley compliant application support and release protocols.

All Information Integrators, Inc. application integration interface documentation is housed in a [CVS](#) repository and generated using [Maven](#) tasks. All custom Java™ objects are compiled using Maven and automatically unit tested using Maven's [JUnit](#) plugin. Scheduled

application interfaces and utilities are scripted and executed via Apache Ant.

4. Solutions Architecture

Technologies used to complete project objectives were:

- JavaTM Version 1.4.2 Mac OSX 10.2
- JavaTM Version 1.5.0 Windows NT, Windows 2000, Windows 2003
- JavaTM custom objects
- Groovy
- OOA/OOD
- UML
- Argo UML
- XML
- CVS on Linux
- Apache Ant, Maven, Tomcat
- Apache HTTP server
- Microsoft IIS 5.x
- Microsoft SQL Server 2000
- Crystal Reports 8.x
- Tigris Scarab
- DevTrack