

## The Client

The Client is a leading provider of transportation, logistics and related services. They serve more than 80 percent of the Fortune 500® companies, offering the broadest portfolio of services in the industry. The client is over 70 years old and is regarded as an expert in the transportation and logistics industry

## The Client's Situation

To develop a Report And Delivery Webservice on top of Oracle BI Publisher API to create a report (for example invoice) on the fly providing the template and xml data. This webservice also delivers the report internally or externally to its customers through fax and/or email delivery options.

## Challenge

The client picked Softima, Inc. due to Softima's history of providing quality services both on time and on budget. Softima consultants were immediately brought in and began to study the new technology that the client wanted to use. There is no detailed documentation available on BI Publisher API nor its integration with ADF, JDeveloper, ORACLE eBusiness Suite and custom applications with BPEL Flows. Softima's consultants were up to the task by minimizing training time.

Softima consultants had to analyze BI Publisher's API and then develop a prototype for the webservice. The consultants created a Technical Design Document for the webservice and in addition to that, developed that webservice using Oracle ADF framework. Softima's consultant's under Softima's Oracle Project Manager wrote a JUnit test case for the service class and created a test jsp page to provide the user flexibility of changing certain report parameters so that the reports could be emailed or faxed to any address. A Proxy was created and then the webservice was deployed. Finally, Softima's consultants created a wiki for the technical documentation.

Softima's approach was as follows: Requirements Analysis, Functional Design, Technical Design, Coding and Development, Versioning, Unit Testing, Deployment, System Testing, and then Go Live. This is the procedure that Softima's consultants use for every project.

## Tools and Technologies

- J2EE, Oracle ADF Framework, JSF, BPEL
- Oracle Jdeveloper 10.1.3.3.
- Oracle 10g
- JUnit
- Subversion (SVN)
- My Clarity (A Project Tracking System)

### Softima

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