

## DWI - Case Study

### The Client

The Client is a home textile industry leader of North America that provides luxury product line includes sheets, pillow cases, duvet covers, bed-skirts, pillow shams and decorative pillows. Client has warehouses across multiple geographical locations in North America.

### Scope of the Project

- o To Re-Engineer their legacy **Warehouse Management System** application developed using Oracle 7.0 and Form 3.0, into user friendly web-based applications by using J2EE technologies.
- o To convert 200+ screens and 100+ reports
- o Database and Data Migration of Oracle 7.0 to Oracle 10g
- o To have seamless integration of RFID Interface with Warehouse Management System.
- o To establish Software Development Life Cycle(SDLC) and Project Management Life Cycle (PMLC) process at Client place

### Challenge

- o Not so well defined SDLC process at Client place
- o No documentation
- o Unsupported Application version i.e. Form 3.0 and Oracle 7.0
- o Integration of RFID with Warehouse Management System
- o Use all Open source Tools like JBoss Applications, Eclipse and Jasper Report
- o User Acceptance Testing and Go-Live because of very few IT staff
- o Remote Deployment

### Project Approach

- o Setting up SDLC and PMLC process
- o Requirement Analysis
- o Functional and Technical Design
- o Coding and Development
- o Versioning
- o Quality Assurance Testing
- o Deployment
- o User Acceptance Testing
- o Go live

### Benefits to Clients

- HIPAA Compliant Solutions
- Quality System Design
- Direct Access to Real Time Environment Through VPN Virtual Team that Acts as Though an Extension of the Client's Team Through VPN
- Global Teams Collaborate on a Project Along with the Client
- Inclusive Approach – Client has Access to the Team through Communication Infrastructure at All Times
- Client Never Loses Control Over the Project and Gets Access to a Wider Pool of

### Domain

- Health Care

### Technology

- Perl, Secure VPN Connection

### Project Type

- Integration

**S**oftima's  
Software  
Solutions  
for  
Health Care  
Industry

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### Project Team

- o Onsite Project Manager
- o Offshore Development Team

### Tools and Technologies

- o Linux
- o J2EE, Struts Framework
- o Oracle 10g
- o JBoss
- o Eclipse
- o Jasper Reports
- o CVS
- o Project Tracking System

### The Solution

Softima used all open source technology to re-engineer Clients' legacy Warehouse Management Application. J2EE technology with Struts Framework was used to develop web-based interface and business components. Softima initially setup various process and templates at client place which includes version controls, providing requirement templates, coding standing documents, testing process, deployment process. Client had been provided access to Project Tracking System (a home grown tracking solution) to track the project status and also to log and track the defects.

### Softima Offerings

- Onsite Consultancy
- Offsite Consultancy
- Offshore Consultancy
- Project Management
- Contract Programming

### Solutions

- B2B/EAI Integration
- IT-Enabled Solutions
- Re-Engineering
- Porting and Migration
- Internet/Intranet Applications
- e-Business
- Client/Server Applications
- Legacy Applications
- Quality Assurance Testing

## Softima

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