



Ministry of Defense – Singapore

Application: Overseas Imprest Management System

Project Requirement: Migrating Power Builder Client/Server Application to the Web.

Existing Solutions : Re-writing the entire application from scratch.

Ewak's Solution : Automatic Migration using Power Migrator

Clients View : Cost outflow and time to production of rewriting their application Vs migrating their application using Power Migrator.

Business Challenges:

The client was using an application developed in Power Builder. The application was being used by many users spread across many countries. The application was also a heterogeneous mix of client/server and single user systems, based on the number of users. The client was using Sybase ASA for single user system and Oracle in the Head office. The data used to be sent to the head office as a CD at periodic intervals and data piping was done at the head office to move the data from ASA to oracle. The client was facing many problems by the delay in time. There was also a delay in sanction of approvals and allocation of budgets. There was a visible need to move the application to N-tier architecture to overcome all these problems. While rewriting or fresh development was saddled with its prohibitive costs, the client was on the lookout for a more economical solution for the entire exercise.

Results Expected:

Simplified data consolidation.

Quicker approvals.

Any changes to the application can be easily implemented on the web.

Project Challenges:

The customer requirements included the following

1. Migration of the database from ASA to Oracle.
2. Introduction of a Branch code (Introduction of a primary key in the application and database)
3. Changing the appearance of the screens as well as the layout.

Project Solution:

The project was initiated at ewak's office. The primary challenge was to introduce the branch code into the application. The introduction of the Branch code was crucial as the same had to be incorporated into the application as well as the database.

The layout of the screen was also changed to the application to resemble a Web application. This was done primarily as the client's users wished for a different look and feel over their Client Server application. The database was also migrated to oracle Sybase ASA.

The migrated application has been successfully tested both by ewak and NIIT and the same is being deployed at the client's office shortly.

The project has been successfully completed and handed over to NIIT.