Highlights

Customer
A Public Sector Undertaking in INDIA.

Source Platform
Alpha Server 4100 / DEC UNIX 4.0 B / Intel PC with Windows 98 / Open Ingres / Ingres II / ABF

Application
Material and Financial Management System

Size
ABF Forms – 70
ABF Programs (OSQ files) – 110
RW Reports – 40
3GL Programs – 7 C and 47 COBOL programs
Tables – 50

Target Platform
Alpha Server / DEC UNIX 4.0B / Intel PC with Windows 98 / Oracle 9i/ VB 6.0

Team size
1 project manager with
2 team members and
1 Quality reviewer

A GOVERNMENT OF INDIA PUBLIC SECTOR UNDERTAKING

Introduction
The client is a power utility company in India.

The Material and Financial Management System application, resided on Alpha Server 4100 / DEC UNIX 4.0 B system using Open Ingres and Ingres II as RDBMS.

The prime objective of the customer was 'Application Migration' to Oracle 9i and VB 6.0, besides database migration from Open Ingres and Ingres II to Oracle 9i, the reasons being

➔ Lack of vendor support for the old version
➔ Implementing a contemporary database environment, for future enhancements
➔ GUI implementation

Challenges
Major challenges were

• Converting Character Interface to GUI
• Converting ABF Forms to VB 6.0 programs
• Meet the same performance level of the existing system

Solution Approach
A tool based automated solution was used to convert Open Ingres and Ingres II to Oracle 9i (through the generation of data migration utilities) and ABF forms to VB 6.0.

The solution achieved more than 80% automation.

The project along with data migration was completed in 5 months time.