

Customer Profile

EIL (Engineers India Limited) is a Government of India undertaking and is one of largest EPC contractor in the world, involved in turnkey engineering contracts for Oil, Gas, Refineries, Chemical and Petrochemical plants. EIL is having state-of-the-art design office at New Delhi, the capital of India. EIL is also a large user of Intergraph's Plat Design System (PDS) software for designing projects.

Problem Statement

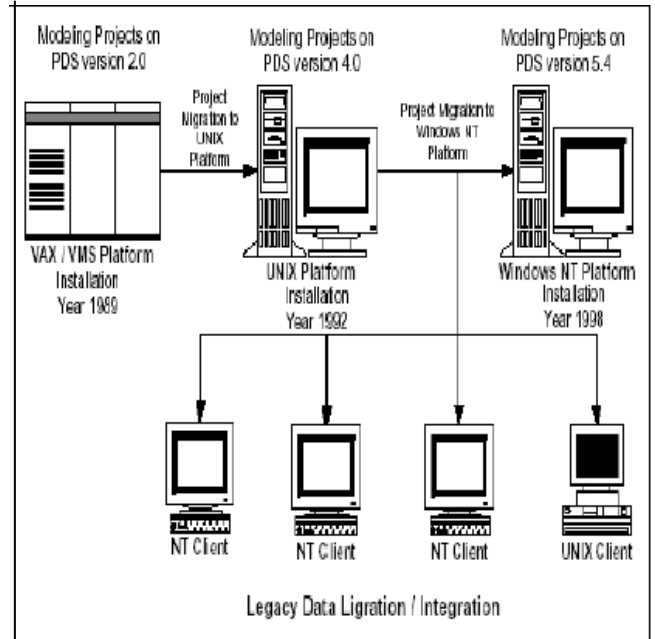
EIL was using Intergraph's PDS version 2.0 on VAX / VMS platform installed in the year 1989. Several PDS 3D modeling projects were completed using this version of the PDS software. Subsequently, PDS version 4.0 on UNIX platform was released in the year 1992 by Intergraph followed by release of PDS version 5.4 on Windows NT in the year 1995. EIL continued to use PDS on VAX / VMS till the year 1998. EIL wanted to migrate to Windows NT platform and also migrate the existing PDS projects from VAX / VMS platform to Windows NT platform.

Technology Used

PDS version 4.0 on UNIX operating system with Oracle as the RDBMS.

Rolta Solution

Rolta used interactive and automated techniques to migrate the data along with the reference database from VAX/VMS platform to UNIX platform. Subsequently, these PDS projects were migrated from UNIX platform to Windows NT platform. Legacy Project Database, which was originally on DB/2 platform, was migrated to Oracle on UNIX platform and integrated with the PDS to link the project data with the front-end graphic components. Further, Oracle data on UNIX was migrated to Oracle on Windows NT platform with connectivity of the graphic components with its intelligent data residing in the Oracle database.



Benefits to the Customer

The migration of data to Windows NT platform facilitated the customer to use the latest IT infrastructure including the latest hardware, which was 10 times faster than the VAX / VMS systems used earlier.

Standardized operating systems facilitated the customer reduce the maintenance costs. More resources with expertise on the Windows NT platform were available than on VAX / VMS or UNIX platform. EIL was able to use the latest version of PDS software (on Windows NT), which had more features, compared to the PDS on VAX system.