

SYGNUS Payroll migrated from Sybase to Oracle

SYGNUS is a company located in Lima, Peru. It provides consulting services in Information Technology, Communications, and Human Resources to companies in the Petroleum, Mining, Industrial and Services sectors.

Challenge

SYGNUS wanted to have the ideal product of choice in the Latin American Region, and increase their market share.

Project Overview

Payroll System is a human resources system whose functionality revolves around payroll. The project involved replacing the Sybase based data repository with Oracle. The task included converting the existing Sybase schema, data, stored procedures and triggers to run against an Oracle server. The conversion of the database objects was done using the Oracle automated conversion tool.

Benefits

For SYGNUS

To have a high quality product based on Oracle database, the clear leader in the open RDBMS marketplace.
To let them capture a broader market supported by the large Oracle customer base.

For Customers

To have an open, flexible and affordable Payroll System

Project Details

Standard Sybase to Oracle conversion tools and techniques were used. The main data repository now resides in a platform-independent Oracle Server. Sybase result sets on stored procedures were converted to Oracle SQL statements for better performance through ODBC. SYGNUS Payroll System's front-end was written using PowerBuilder running under Win95. We helped SYGNUS to connect the application to the new database. Communication between client and server is done using Oracle ODBC and Oracle Sql*Net. The project was successfully finished in 2 weeks. We also provided support following the conversion to solve problems as they arose.

Hardware & O/S

Clients: Windows 95

Server: Windows NT.

Partner Products

Payroll System: Win95 based front-end written using PowerBuilder.

A Sybase System 11 based data repository.

Communication between client and server was done through ODBC.

Other Products

Oracle on Windows NT

Oracle Sql*Net

Oracle*Plus

Sybase to Oracle database conversion tool