

**INDUSTRY**

Medical and Scientific Communications

PROJECT

Convert a SQL Server database running on Windows 2000 server architecture to Oracle 9i on Red Hat Linux and Sun Solaris

CLIENT PROFILE

The client is an emerging leader in the medical and scientific communications industry. Their product has made solid inroads with mid-market pharmaceutical clients and they are now targeting larger pharmaceutical companies. This move mandates that a version of their software be Oracle, Linux, and Unix ready.

CHALLENGE

The client has a highly successfully product that has been sold using Microsoft SQL Server and Windows 2000 platform. NEOS was asked to convert the application to Oracle 9i and to ensure that, once ported, the information architecture fully leverage the capabilities of the Oracle RDBMS. In addition to this conversion, NEOS was asked to architect the converted database to run efficiently on Red Hat Linux and the Sun Solaris platforms.

SOLUTION

Using the SQL Server to Oracle conversion utility provided within NEOS' Vgo product, NEOS quickly created the scripts necessary to move the data schema from SQL Server to Oracle 9i. NEOS Data Architects then developed a repeatable installation and maintenance approach and processes so that installation of the client software was accurate, modular and highly repeatable. Once the database installation and porting were established, NEOS installed and configured Red Hat Linux, Sun Solaris, and Oracle 9i in the clients' development lab. Initial conversion and development work were performed in the NEOS office in Manchester, Connecticut.

RESULT

The conversion went very smoothly. The client now offers an Oracle-based solution as well as a version running on Microsoft. In addition to creating an automated installation and configuration process, NEOS provided the client with a repeatable method to maintain dual maintenance of their software by using Vgo and a data propagation process.

