



## INDUSTRY

### Commercial Printing

#### PROJECT

Enterprise-wide database modernization initiative targeting migration of Sybase databases to Oracle 11g and remediation of application source code to work with Oracle 11g RDBMS.

#### CLIENT PROFILE

The client is a multibillion-dollar international commercial printer and one of the largest in the western hemisphere with business operations in North America, Latin America and Europe. They are a global provider of print solutions for consumer magazines, special interest publications, catalogs, retail inserts and circulars, direct mail, books, directories, and commercial and specialty products.

#### CHALLENGE

The client was incurring substantial database licensing and maintenance costs as part of maintaining their current legacy Sybase RDBMS portfolio. They wanted to realize the savings by consolidating and migrating the databases into a modernized Oracle RDBMS. A realistic plan had to be developed to execute the migration initiative without any impact to their daily operations. The portfolio of 80+ Databases serving 1200+ applications added to the scale and complexity of the challenge.

#### SOLUTION

VGO utilized its proven modernization approach: Rationalize-Orchestrate-Evolve to understand and map the environment while managing complexity. Additionally, the Vgo toolset was incorporated in planning and estimating the work effort. During the Rationalize phase, a pilot effort was designed and executed to reveal hidden challenges and considerations. This effort also provided an opportunity to calibrate the toolset towards migrating and remediating the client's databases and applications within their environment. The pilot focused on the technical opportunities and considerations, as well as the operational and strategic challenges faced by the business. The Orchestrate phase built upon Rationalize phase findings and launched a landscape discovery effort. This effort produced a dependency-based approach to grouping databases and applications resulting in a structured, phased delivery plan for asset migration. Both Rationalize and Orchestrate phases leveraged Vgo's Analysis and Reporting Tool (ART) to gain the critical insights required for planning and estimating the work effort based on SQL statement counts, types and complexity. Finally, a 3-year Evolve phase focuses on executing and delivering the client's database modernization initiative.

#### RESULT

The client was successfully able to embark on the modernization initiative using a tried and tested method. The confidence provided by real world experience enabled the client to enter this large scale effort comfortably. Leveraging Vgo modernization tools and expertise enabled the client to deliver a program that realized the benefits of modernizing legacy systems in a cost effective manner.