



## CASE STUDY

### Three Approaches to Strategic Sourcing of SQL Server Development

You're an expert at keeping your database environment available and operational, but what happens when there are demands beyond everyday requests? For some DBA managers, extra projects create major headaches. There may not be enough time, the right talent and exact expertise in-house to make those ad hoc assignments easy to complete.

That's why Datavail offers SQL development services designed to take the burden of developing and implementing optimal solutions for your SQL server data management off your shoulders. Discover how Datavail can deliver value for your organization by looking at the kind of successful projects we've completed for others.

#### **SSIS: Migration and ETL optimization for efficient operations**

A business process outsourcing organization that serves some of the world's most recognizable names among the Fortune 1,000 needed to migrate data from an Oracle platform to SQL servers and efficiently manage ETL. As a company that provides its global client base with customer relationship management, sales processing, customer care, customer retention and back office support, having ready access to data is crucial to effective service delivery. There was no time for errors or delays with this business-critical migration.

Datavail gathered requirements from multiple users groups, created a project plan and brought in a variety of resources for cost-efficient, just-in-time delivery. Despite the many deadlines in this project, Datavail only missed one: the go-live. It occurred ahead of schedule.

Once the migration was complete, Datavail enhanced the BPO company's ETL functions using an ETL (Extract, Transform, Load) process versus an ELT approach. This methodology allows organizations to scale with separate hardware and avoid performance issues with the database, as it offloads the transformation work from the database altogether. And, since Datavail's SQL server

development team is adept at enhancing ETL and tuning ETL packages, the Datavail experts were able to uncover and fix errors in data validation, generation, server name and other vital elements.

**The result:** The BPO provider gained an optimized data warehouse SQL server solution that kept costs down by eliminating the need for added DW infrastructure to maintain performance and accommodate redundant data. With improved operational performance, the BPO was better able to meet service-level agreements to its own valued customers.

#### **SSIS & SSRS: A reporting portal for a leading financial services firm**

A regional financial services organization wanted a comprehensive solution to support its 1,400 employees engaged in investment banking, research, sales and trading, corporate services and other activities to support institutional investors. Datavail took control of a management reporting portal project, supplying a U.S.-based project manager who worked directly with the client. At the same time, the Datavail solution kept costs down through use of Tier 2, offshore resources where appropriate.

The solution was designed to deliver more than two dozen specialized reports for all levels of management, which was a crucial design element for this employee-owned regional business. Datavail drew on SSIS expertise to integrate data from multiple sources, as well as SSRS skills for report creation and enhancement.

**The result:** Automated report delivery ensured that the portal's automatic scheduler sent the right report to the right person in the right timing. This meant managers from a variety of functional areas had precisely the information they needed to serve investors more effectively. The reporting portal also saved time and money by eliminating the need for manual reporting activity. At the same time, it reduced information bottlenecks, allowed for better and faster decision making and helped the company chart its own course to greater profitability.

## **SSAS and SSRS: Setting the stage for management reporting**

A designer and marketer of apparel, accessories, fragrances and home furnishings for consumers across the globe had Microsoft Dynamics AX in place, but lacked a way to leverage the data captured by this ERP system to support management decision making. With core applications for financials, human operations management, Microsoft Dynamics AX brings together crucial information that can help leaders more accurately steer a course, provided they have access to the right reports.

DBA managers at the apparel firm turned to Datavail to install and configure Reporting Services and Analysis Services to give employees instant access to standardized, built-in reports that could be automatically generated or delivered through an ad hoc query. Employees also gained actionable insights through simple, user-friendly data-mining tools.

Datavail gathered user requirements to determine which of the more than 800 standard reports users could most benefit from, then built the Analysis

Services server and a load-balanced Reporting Services server using windows clustering method. This approach supports high-availability and disaster recovery, because the configuration makes it easy to conduct a failover process and transfer services to another node if a cluster node or service fails.

**The result:** Employees gained one reconciled reporting system that was able to serve multiple business units with role-specific and actionable intelligence. The system helps this apparel company more effectively lower operational costs and forecast product demand. For this fashion-industry leader, Datavail's SSAS/SSRS solution provided the perfect ensemble.

## **Enhanced functionality, responsive support**

Forrester research indicates some 40 percent of data center work related to application servers is currently outsourced. Now, more than ever, it pays to adopt a strategy of partnering on SQL development initiatives that would strain your in-house resources.

You can make that strategy even smarter by tapping the proficiency you'll find through Datavail. As the largest pure play database services company in North America, Datavail has the specialized expertise to fit any SQL server development project. From the routine to the advanced, we can turn your data into value for your organization.