dat∆vail

Case Study

Modernizing Legacy Infrastructure: Oracle Migration for Midstream Oil Company

Client Overview

Company
Midstream Oil Company

Industry
Oil & Gas (Petroleum Transportation & Storage)
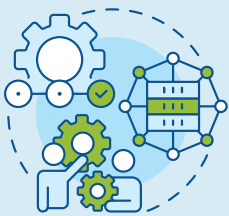
Location
Tulsa, Oklahoma

Midstream Oil Company is a leading transporter and distributor of refined petroleum and crude oil products. In addition to pipeline operations, the company offers aggregate storage and installation services that support contract-based distribution performance enhancements.

Challenges

- **End-of-Life Infrastructure:** Limited vendor support and growing compliance risks with outdated systems.

- **Security & Compliance Gaps:** Increasing concern over data security and the need to meet updated compliance standards.

- **Application Obsolescence:** Outdated Oracle applications hindered performance and modernization.

- **Scalability Constraints:** The legacy environment lacked flexibility for future expansion and innovation.and IT systems.

Datavail's Solution

Datavail provided an enterprise-wide technology transformation to future-proof the client's infrastructure and enhance operational resilience:

Platform Modernization

- Migrated from Solaris to Linux OS, ensuring long-term support and reduced maintenance overhead.

- Upgraded Oracle Database to 19c, unlocking new autonomous capabilities and improved performance.

Oracle EBS Upgrade

- Transitioned to Oracle E-Business Suite (EBS) 12.2.10, enabling access to the latest features.

- Enabled Java Web Start (JWS) and Transport Layer Security (TLS) to secure the ESSBASE environment and protect sensitive data.

Results

- **First-Time Oracle Cloud Move:** Successfully shifted the enterprise foundation to a modern Oracle platform.

- **Cost Savings & ROI:** Realized operational savings through infrastructure consolidation and automation.

- **Improved Compliance & Security:** Achieved higher regulatory alignment with enhanced system security protocols.

- **Forecasting & Financial Visibility:** Improved budgeting, analytics, and planning with enhanced ESSBASE capabilities.

With deep expertise in Oracle platform upgrades, cloud migrations, and enterprise performance solutions, Datavail helped Midstream Oil Company take a significant step toward digital transformation—establishing a scalable, secure, and modern architecture to meet evolving business demands.