

Case Study

Oracle EBS to Azure Migration Success for an HVAC Industry Leader



Revenue
\$15.165 Billion



Industry
Industrial Manufacturing



Legacy Platforms
Oracle E-Business Suite



Products Implemented
Microsoft Azure



Summary

Upon transitioning into an independent entity from its parent company, the HVAC manufacturer was tasked with the migration of its Oracle EBS environments away from on-premises servers to a more agile and scalable platform. This case study examines the strategic shift to Microsoft Azure, facilitated by Datavail, and the consequential organizational transformation.

The move was essential not only to ensure business continuity but also to seize the opportunity to modernize and enhance its data systems with the latest advancements.

Why HVAC Manufacturer Selected Datavail

In their search for a dependable partner, the HVAC manufacturer selected Datavail for its established expertise in Oracle EBS and Microsoft Azure migrations. Datavail's credentials, which reinforce their suitability for this complex migration, include:

- Microsoft Solutions Partner for over 17 years with two Advanced Specializations
- Oracle Partner for over 17 years
- Recognized leader in on-premises, cloud, and hybrid implementations and migrations to Azure
- Holder of more than 550 Microsoft Certifications
- Possess over 300 Oracle Certifications
- Holds Microsoft Preferred Partner Status for Oracle Database@Azure, Oracle Modernization to open-source database platforms, and Oracle Application Migrations to Azure

Why Microsoft Azure

Azure was selected for its scalability, resilience, and enhanced security capabilities. The company's existing familiarity with Microsoft's products as part of its previous corporate structure influenced its decision, along with the successful Azure migration experiences of other entities within the Microsoft ecosystem.



Solutions

The solution was implemented in phases, beginning with an assessment of the existing infrastructure and a proof of concept (PoC). The PoC demonstrated the feasibility of a lift-and-shift migration approach, ensuring that performance metrics and success criteria were met with precision. This phase was critical in establishing trust and validating the proposed architecture's efficacy.

The process involved a seamless transfer of multiple Oracle EBS instances to Microsoft Azure which was managed and supervised by Datavail's team of certified professionals.

Throughout the migration, Datavail maintained a transparent communication channel with the HVAC manufacturer, ensuring that every step was taken by the agreed-upon strategy and objectives.

Datavail provided a robust support system post-migration to facilitate a smooth transition to the new platform. The support extended beyond technical assistance, encompassing strategic insights to optimize the HVAC manufacturer's Azure infrastructure. This included scaling resources as needed and implementing best practices for cloud security and cost management.

Datavail's end-to-end solution empowered the HVAC manufacturer to not only achieve a modernized IT infrastructure but also laid a solid foundation for leveraging Azure's advanced analytics and machine learning capabilities. The predictable cost structure introduced by Azure, along with the enhanced performance and scalability, prepared the manufacturer for a new era of innovation and growth in the competitive HVAC landscape.



Results

The migration resulted in significant benefits, including:

- An increase in IT operational efficiency attributed to Azure's automation and integration features.
- A boost in system performance reflected in faster processing and improved system availability.
- Leveraged Azure's advanced analytics capabilities, significantly enhancing data-driven strategies enabling them to utilize AI-driven predictive analytics.
- Compliance costs were minimized by adherence to rigorous industry-standard security protocols inherent in the Azure platform.
- Achieved a robust and adaptable infrastructure on Azure, ensuring operational stability and scalability.
- A reduction in operational expenditures due to the shift from physical infrastructure to a cloud-based pay-as-you-go model.
- Presented the ability to integrate various Microsoft third-party services like Silk, boosting performance and advanced storage capabilities seamlessly.
- Realized long-term financial benefits through Azure's predictable and cost-effective pricing model.

Conclusion

The HVAC manufacturer's successful migration not only resolves the immediate logistical challenges posed by the corporate spin-off but also propels the company into a new era of empowerment, operational efficiency, and financial prudence.

With a successful migration under its belt, the manufacturer is now poised to leverage the benefits of Azure fully. They are currently using Power BI and are looking to expand into other solutions like Snowflake. The company is also in discussions with Datavail to continue their partnership, providing post-migration support and potentially expanding its Oracle EBS capabilities within Azure.

The transition has also laid a foundation for potential future initiatives, such as integrating IoT technologies for real-time monitoring and control of HVAC systems, further augmenting the company's market-leading position in innovative HVAC solutions. Datavail has also started conversations with their operational team regarding a major project to leverage edge devices and IoT at their 27 manufacturing locations worldwide. This initiative aims to feed all data back into the central data lake for reporting and predictive analysis. This will be a massive project, with their goal being to drive production costs down, increase quality, decrease manufacturing defects at each location, and attain better operational efficiency.

