STREAMBA

Microsoft Partner

Microsoft

Gold Application Development
Gold Application Integration
Gold Application Lifecycle Management
Silver Data Analytics
Silver Data Platform

99% rental compliance with 360° intelligent supply chain for global energy operators

A major global operator approached Streamba to digitally transform their supply chain & logistics operations. With the impact of COVID, a low oil price and challenging operational conditions, the operator sought a resilient and predictable supply chain to support their drilling & production operations.

The solution was to create a data-driven control centre operated by the energy majors and powered by VOR on Azure. Working with the operators digital supply chain delivery team remotely, the discovery process identified cost-saving opportunities and established areas of improvement.

Leveraging Azure Active Directory, VOR connected seamlessly into the operators AD Single-Sign-On infrastructure for a secure and immediate global deployment to operational assets. Armed now with real-time visibility of operations, enhanced processes with data connected to their integrated planning Power Apps, the control-centre team realised measurable cost and emissions reductions all while working remotely.

Furthermore, team collaboration with safer operations, onshore and offshore has improved, enabling the energy operator to remove emails and phone calls while unlocking further sharing savings with partner operators.

This rapid, scalable and 'VP Award' winning digital transformation achieved by the control-centre team was at all times supported by VOR's artificial intelligence models running 24/7 on Microsoft Azure Functions.

Results

99%
High Cost Rentals (HCR) compliance

41%
Reduction of air freight

81%
Reduction of additional sailings

12%
Improvement in outbound deck space utilisation

39%
Reduction of additional flights

Other improvements included a centralised view of operations, active monitoring of CCUs, elimination of aviation and marine update emails and automated KPI monitoring, tracking and analysis provided by VOR.

VOR

AT A GLANCE

Customer: Global Energy Major Operator

Industry: Energy Production

Customer Size: Revenue $180B, 86,000 Employees

Headquarters: Netherlands & UK

Products and Services: VOR Supply Chain Orchestration, Microsoft Azure

Streamba VOR, Energy Major & Microsoft Azure

The energy major required predictability and resiliency in their supply chain and logistics operations to prevent cost and reduce emissions whilst maintaining a safe and efficient service to their offshore drilling and production assets.

The customer's North Sea operations were prioritized for digital transformation which was strategically core to the energy major's upstream operations. Working closely with partner operators, the customer, a global energy major with $180B revenue and 86,000 employees, required a secure, scalable and proven technology deployed fast and without friction. Risk tolerance was low due to the importance of the operation, the low oil price and the myriad of complex data sources, ranging from legacy to leading edge.

The customer needed a proven technology with agile deployment and onboarding processes to help them remove data silos and supports their strategic AI and data-driven operations.

Partner solution

The customer identified Streamba's VOR technology running on Microsoft Azure to remove and transcend the boundaries of their internal, supplier and partner operational data silos. By running an agile discovery accelerator with the customers cross-functional operational teams, the team discovered objectives to focus and tune VOR for delivery. Supported by a digital board comprising of the customer's senior management, the team built Azure Power Apps which connected securely with VOR through Azure Managed API's. Leveraging the customers Azure Active Directory, VOR was deployed into operational assets at pace. Speed of delivery with global security and scalability demands of the customer from the deployment was only possible due VOR running natively on Microsoft Azure.

Customer benefits

The resulting control-center enabled the customer to deliver significant cost and emissions reductions through improved operations. Now, with the customer leveraging Microsoft Power Apps and using VOR as a trusted data source, the customer removed data silos, phone calls, emails and has complete, 360° **end-to-end control of their supply chain and logistics operations. There is no longer cost leakage from delayed or missing items, production downtime risk is reduced as critical assets and people are tracked by VOR's AI running on Azure Functions which proactively notifies the control-center team of any potential inefficiency, delay or disruption.**

"Before VOR I had to go find our operational data in spreadsheets, emails and phone calls every single day. Now operational data comes to me and I only use VOR." – Customer Supply Chain & Logistics Lead

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Reduction of additional sailings