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Ocean Network Express Migrates From Legacy B2B Technology to SEEBURGER

OCEAN NETWORK EXPRESS

The challenge

Before integration with the SEEBURGER Business Integration Suite (BIS) Platform, ONE's systems were primarily hosted in an on-premises data center, leading to significant investments in hardware maintenance and operational overhead. Recognizing the need to improve system agility and efficiency with a modern Business-to-Business (B2B) solution, ONE embarked on a cloud migration journey with SEEBURGER.

However, the journey was not without challenges. For example, ONE's legacy B2B solution was experiencing a growing inability to keep pace with rapidly evolving technological advancements. This incompatibility with emerging technologies stifled innovation and hindered ONE's ability to meet changing business demands. To address these issues, ONE sought to implement a state-of-the-art B2B solution that offered enhanced stability, scalability, security and performance. The goal was also to transition to a cloud-native environment, while seamlessly integrating with existing IT infrastructure to support long-term business objectives.

With an existing contract looming, ONE faced a strict deadline to complete the migration. Minimizing disruptions to business operations during this transition became a top priority. The urgency for a cloud-based B2B solution was underscored by the need to modernize and enhance services. With a demanding timeline and complexities involved in transferring sensitive data, ONE needed a trusted partner to guide them through this critical transition. After extensive evaluation of various options, ONE chose SEEBURGER for its proven expertise in migration from legacy B2B technology and cloud integration solutions.

About ONE

Ocean Network Express (ONE), headquartered in Singapore, is one of the world's leading liner shipping companies. It operates a fleet of over 240 vessels with a capacity exceeding 1.9 million TEUs.

Through its extensive global network, ONE provides reliable container shipping services to over 120 countries.

www.one-line.com

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The solution

SEEBURGER's commitment to open and regular communication, along with its proactive approach to listening to feedback and implementing improvements, resonated strongly with ONE. The proximity of SEEBURGER's South Asia Consulting team facilitated effective collaboration and a deep understanding of local market dynamics solidifying ONE's decision to partner with SEEBURGER.

To address the challenges faced, ONE collaborated with SEEBURGER to implement a B2B/EDI solution that would modernize ONE's operations. By leveraging cloud-based infrastructure, ONE aimed to significantly reduce costs associated with hardware maintenance and IT staffing, freeing up resources for more strategic initiatives.

One of the pivotal steps in the cloud migration journey was the adoption of Cloud SQL, which enabled ONE to diversify its technology stack and minimize reliance on major IT vendors. Central to the cloud migration journey was the SEEBURGER BIS Platform, which brought a suite of pre-built features and capabilities that accelerated development and reduced time-to-market. Through these strategic measures, ONE not only resolved their initial challenges but also positioned themselves for future growth and innovation, empowered by the SEEBURGER BIS Platform's B2B/EDI capabilities.
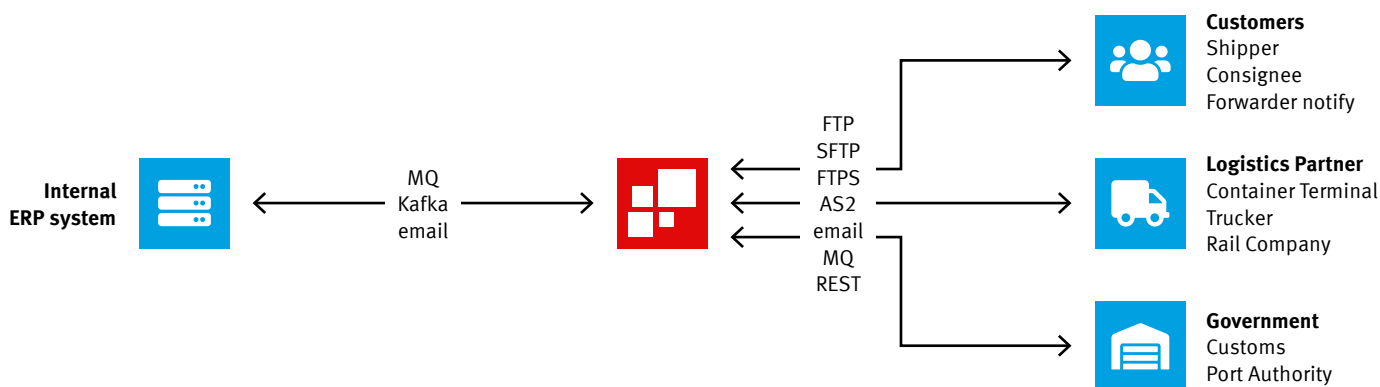
The key **advantages** of the SEEBURGER BIS Platform with B2B/EDI capabilities:

+ Enhanced visibility
+ Optimized resource management
+ Streamlined process development
+ Accelerated development cycles
+ Responsive technical support
+ Server stability

The project at a glance

Scope: The duration of the cloud migration project was from January 2022 to March 2024.

Interesting facts:
- Current message volume: 1.2 million messages per day
- Number of partner connections: 3,030
- Connected systems include an internal ERP system via MQ and Kafka, an email system, an internal FTP server and many external partner systems.

The SEEBURGER's BIS B2B/EDI Logistics Solution for ONE

> ❯ "The SEEBURGER B2B Solution is poised to be a cornerstone of our long-term business strategy. Its robust architecture, combined with the SEEBURGER team's deep technical expertise, makes it the ideal choice for our complex IT environment. The SEEBURGER team's expertise in the BIS EDI system was instrumental in overcoming a situation in which we lacked experience."
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> Taehwa Hong, EDI Section Head, Ocean Network Express