

**seaco**

Case Study

Seaco builds a resilient and secure network with IZO™ SDWAN, enhancing efficiency and customer service



Seaco is one of the largest shipping container lessors in the world, operationally supported by a global team of appx 250 representatives, functioning from 23 sales and support offices, that is heavily reliant on a network infrastructure to facilitate daily commercial transactions, as well as internal and external communications. Seaco has embarked on a digital transformation journey towards a 100% cloud-only environment to enhance operational efficiency and customer service. Central to this transformation is Seaco's partnership with Tata Communications, which has been pivotal in addressing its network and security needs. Discover how Seaco leveraged Tata Communications' solutions to revolutionize its network and support its digital initiatives.

## Building a robust network infrastructure for seamless business operations

Seaco's operations rely on seamless connectivity and a robust network infrastructure. The company needed a solution that could connect its diverse range of devices, applications, and cloud services while ensuring reliable and secure communication with colleagues, suppliers, and clients. Any network downtime or slowness would significantly impact business operations and profitability.

Seaco also aimed to accelerate its digital transformation by establishing a fully cloud-based environment on a global scale. Embracing a 100% cloud-only strategy, Seaco sought to streamline processes and leverage cutting-edge technology to drive growth and adaptability in today's digital world.



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### About Seaco

Established since 1965, Seaco is a globally recognized brand that offers one of the largest and diversified modern fleet of 2.4 million TEU intermodal shipping container equipment. Seaco provide a range of flexible leasing solutions, sales and support services to more than 750 clients from various industries worldwide, operating a container fleet for safe transportation or portable storage of almost every hazardous, non-hazardous, temperature-sensitive and out-of-gauge cargo type. Seaco position container equipment, when and where it is needed to help optimize client's supply chain, whilst ensuring efficient and cost-effective container fleet management.



# IZO™ SDWAN: Delivering a flexible and high-performance network for Seaco

Seaco chose IZO™ SDWAN as a cornerstone of its digital transformation due to its significant impact on network performance and management. With advanced features like automated traffic steering, optimization, and enhanced security, IZO™ SDWAN perfectly matched Seaco's needs for a modern and agile network infrastructure. This technology facilitated the company's shift to a fully cloud-centric environment, ensuring consistent, high-performance connectivity across its global operations.

IZO™ SDWAN was pivotal in enhancing Seaco's network efficiency and productivity. Its application-level steering feature enabled Seaco to prioritize critical applications, such as SAP hosted on AWS, by routing their traffic through high-performance, dedicated MPLS connections. This ensured optimal reliability and faster response times.

Non-critical applications, like Seaco's monitoring systems, were routed through more economical standard internet circuits. This dynamic, application-aware routing optimized performance for each application, significantly improving response times for critical tasks.

In addition to optimizing network performance, the integration of IZO™ SDWAN with Zscaler's security features has ensured robust cloud security for Seaco. Zscaler's cloud-based security offers comprehensive threat protection and data security by inspecting and securing all internet-bound traffic and enforcing security policies to guard against cyber threats and data breaches. This integration has allowed Seaco to benefit from enhanced application performance and reduced latency while maintaining strong security measures.

*Partnering with Tata Communications has been a game-changer for us. Its comprehensive suite of solutions has accelerated our journey to a 100% cloud-only environment on a global scale. IZO™ SDWAN, Microsoft Teams for Unified Communications, Zscaler's cloud-based proxy for secure internet browsing, secure remote VPN and AWS Direct Connect to our cloud applications have been crucial in meeting our business needs. Moreover, having all these solutions from a single provider, rather than managing multiple vendors, has made communication and project management easier. Tata Communications' teams – spanning operations, sales, account management, customer service management, and service delivery – have consistently provided exceptional support. Their swift responsiveness and dedication make Tata Communications a trustworthy partner for Seaco.*

**Nick Law,**  
Manager, Data & Voice Networks, Information Technology,  
Seaco

*IZO™ SDWAN enables us to select a mix of underlay options, allowing for greater flexibility and optimization in our network infrastructure. We can seamlessly connect with any local Internet service provider or 4G platform, regardless of the technology they use, as long as they provide Internet access. Additionally, IZO™ SDWAN facilitates seamless failover by automatically redirecting traffic to an alternative path when primary connections encounter issues. This ensures continuous availability of our essential applications and minimizes disruption, with the failover process being nearly imperceptible to users and requiring minimal downtime.*

**Nick Law,**  
Manager, Data & Voice Networks, Information Technology, Seaco

# Achieving superior connectivity, operational efficiency, and cost savings

IZO™ SDWAN provided Seaco with numerous benefits, significantly reducing complexity and simplifying implementation. By consolidating network management into a single, intuitive platform, IZO™ SDWAN made it easier for Seaco to configure and manage its network infrastructure. The streamlined implementation process allowed Seaco to deploy the solution swiftly across its sites without extensive delays or complex procedures. Additionally, it reduced the time needed to resolve issues, ensuring more reliable and agile network access to cloud-based applications and consistent, dependable data access.

The implementation of Tata Communications' solutions has markedly transformed Seaco's network operations:



**Enhanced Operational Efficiency:** Minimal downtime and improved latency have led to greater operational efficiency and productivity, with reliable connectivity fostering better communication and collaboration across global sites.



**Significant Cost Savings:** IZO™ SDWAN's flexibility enabled Seaco to replace costly MPLS circuits with more affordable internet options at certain locations, resulting in reduced operational costs.



**Simplified Network Management:** The solution has streamlined network management by reducing complexity and automating traffic steering. Critical applications, such as SAP, benefit from reliable MPLS performance, while non-critical applications are routed through more economical internet connections.



**Robust Security:** Combining IZO™ SDWAN with Zscaler has strengthened Seaco's network security, ensuring a seamless and secure connectivity experience for users and applications. This integrated approach has effectively safeguarded Seaco's network, with no security attacks reported to date.

Seaco values its ongoing partnership with Tata Communications and looks forward to further collaboration.

*As Seaco continues to evolve and expand, Tata Communications remains a trusted partner in supporting its global operations and future growth. Looking ahead, Seaco hopes to leverage Tata Communications' expanding service offerings to support our future needs, maintaining a strong and evolving partnership. Together, Seaco and Tata Communications are poised to navigate the future with a robust and dynamic alliance.*

**Nick Law,**

Manager, Data & Voice Networks, Information Technology, Seaco



## Build your future through a digital customer experience

If you are an enterprise looking to transform the way your customers experience your product, talk to your Tata Communications representative about your company's digital transformation.

- How you can reach your high value customers in the most convenient way?

Transform Now

## About Tata Communications

A part of the Tata Group, Tata Communications (NSE: TATACOMM; BSE: 500483) is a leading global commtech (communications technology) player powering today's fast-growing digital economy in more than 190 countries and territories. Leading with trust, it enables digital transformation of enterprises globally with collaboration and connected solutions, core and next gen connectivity, cloud hosting and security solutions and media services. 300 of the Fortune 500 companies are its customers and the company connects businesses to 80% of the world's cloud giants. For more information, please visit [www.tatacommunications.com](http://www.tatacommunications.com)

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