

Case study

Modernizing Secure Remote Access Infrastructure with SonicWall CSE

To strengthen secure access across its global operations, Eastern Car Liner transitioned from a traditional VPN environment to SonicWall Cloud Secure Edge (CSE). The cloud-based solution improved security, streamlined authentication and access management, and reduced operational overhead, enabling stable and efficient remote access with a seamless user experience.



Business need

Eastern Car Liner Co., Ltd. is an ocean-going shipping company operating globally, specializing in the maritime transport of vehicles, steel products, and plant equipment using car carriers and conventional/multi-purpose vessels.

As the company collaborates with domestic and international offices and group companies, secure remote access to internal business systems has become essential.

While traditional VPN solutions were previously used for remote access, increasing security awareness drove the need to reduce risk while improving operational efficiency. As a result, the company began evaluating a cloud-based remote access infrastructure.

Solution

To address these challenges, the company adopted SonicWall Cloud Secure Edge (CSE) and transitioned to a cloud-based remote access platform.

By deploying the CSE connector within its existing virtual environment, the company minimized the need for additional hardware investment. As a cloud service, CSE eliminates the need for in-house vulnerability patch management, significantly reducing operational burden.

In addition, integration with Microsoft Entra ID via SAML enables single sign-on (SSO), centralizing authentication. Device posture checks allow access control based on endpoint conditions, further enhancing security.



Implementing CSE enabled the company to enhance security while maintaining the usability of its existing VPN environment and significantly reducing operational overhead. In particular, eliminating the need for appliance patch management greatly reduced routine administrative workload, creating a stable and reliable operational environment.

EASTERN CAR LINER, LTD.
IT Operations Manager



EASTERN CAR LINER, LTD.

CUSTOMER PROFILE

Company	EASTERN CAR LINER, LTD.
Industry	Maritime Transportation / Shipping
Country	Japan
Website	https://www.ecl.co.jp/

sonicwall.com

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Results

With the implementation of CSE, the company maintained the same level of usability as its traditional VPN while simultaneously improving security and reducing operational workload.

Simplified authentication through SSO and access control leveraging device posture checks enable strong security measures without compromising usability.

Furthermore, eliminating the need for appliance patch management reduced the burden of urgent maintenance tasks, resulting in more stable operations.

The migration was completed smoothly, with minimal disruption to users, enabling seamless adoption without significant changes to the user experience.

Benefits

- Reduced risk of external attacks and strengthened security
- Improved usability through single sign-on (SSO)
- Reduced burden of vulnerability patching and improved operational efficiency
- Flexible access control based on device conditions
- Rapid, cost-effective deployment with smooth migration

Solutions at a glance

- [SonicWall Cloud Secure Edge \(CSE\)](#)

SonicWall, Inc.

1033 McCarthy Boulevard | Milpitas, CA 95035 | [Refer to our website for additional information.](#)

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