

Reimagining networks to rethink connectivity and relaunch business potential

We helped Knorr-Bremse migrate key business applications to the cloud with a managed, end-to-end SD-WAN solution across 114 global sites to deliver high availability and the increased bandwidth required to meet evolving business requirements.



The challenge

Knorr-Bremse is the world's leading manufacturer of braking and related systems for rail and commercial vehicles and, as part of their transformation strategy, needed to accelerate transformation and migrate key applications to the cloud.

The business wanted greater speed, security and flexibility of use across apps and services like Microsoft 365 and Teams as they shifted to Azure cloud. Because the organization operates across 114 global sites, their transformation initiatives created significant demand across their entire network infrastructure.

To solve their challenges and meet the rapidly evolving need for greater bandwidth, Knorr-Bremse needed an agile, fast and highly available network to deliver greater connectivity and cohesion across the business and enable the development of data-driven service offerings.

Our solution

We worked closely with the team at Knorr-Bremse to deliver a managed, end-to-end SD-WAN solution in just 6 months, connecting the company's global sites.

Our SD-WAN solution enables the business to manage and orchestrate different types of network connections by decoupling control functions from the physical infrastructure.

We have enabled the business to assign connections that meet bandwidth needs to guarantee service levels in real-time and provide increased visibility into operational performance. Through more reliable and faster connections we have helped improve the quality of service, while driving increased resilience for the business. And we have done this while optimizing costs to align with the organization's transformation agenda.

“ In all, we installed a total of 134 access lines and 224 SD-WAN devices across the 114 sites.



The results



We helped simplify the company's network infrastructure while reducing the load on their core network.



We enabled cloud-based communication and collaboration tools to give employees seamless access to their applications wherever they're located.



We enabled the business to optimize the use of their network connections and allowed them to better cater for peak loads.



We accelerated the deployment of new sites and lines by commissioning additional connections when a site requires higher bandwidths or a backup connection.



We increased available bandwidth by 330% while reducing the cost per megabit by 32%.

How else we're helping automotive businesses

To support automotive businesses in a complex, competitive and disrupted sector, we bring a managed end-to-end network platform that enables optimized connectivity and supports accelerated transformation; delivering control, monitoring and reporting capabilities.

We understand the critical importance of transforming WAN architecture, expanding network edge, improving zero trust and control, and increasing automation capabilities to drive greater autonomy across entire networks.

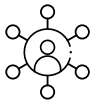
Our end-to-end SD-WAN network platform provides the flexibility, agility and speed that forms a foundation upon which automotive businesses can build more advanced capabilities like edge computing, cloud, voice collaboration, SaaS, IoT, Wi-Fi and new wireless standards.

Why work with us?

We're a Gartner® Magic Quadrant™ Global Leader

NTT has been recognized as a leader in the Gartner® 2022 Magic Quadrant™ for Network Services, Global¹. We're also ranked highest in three out of five use cases in the Gartner® Critical Capabilities Report for Network Services, Global².

We're perfectly placed to support travel and transport businesses because we bring:



Our own platform, which we've built to be inherently more agile than any other with the flexibility to integrate seamlessly with thousands of suppliers.



Refreshed reports every 60 seconds for up to the minute, detailed visibility, compared to an industry standard of 15-30 minutes.



Continual innovation to improve and enhance our capabilities so you get the best possible service.



An unmatched analytics platform and predictive capabilities that help identify 95% of network infrastructure issues before they impact network health, while we proactively open 99% of tickets to help drive increased availability.



An Award-winning digital backbone for reliable and secure network performance, which means our platform can handle complex, mission critical business applications with ease.



A model that puts customers' needs at the heart of everything we do from the outset of every project.

¹Gartner® Magic Quadrant™ for Network Services, Global, 21st February 2022 Analysts:
Neil Rickard, Bjarne Munch, Danellie Young, Karen Brown

²Gartner® Critical Capabilities for Network Services, Global, 22nd February 2022 Analysts:
Danellie Young, Bjarne Munch, Lisa Pierce

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Speak to us today



At NTT, we're committed to helping automotive businesses modernize their operations, gain control and accelerate transformation, while enabling more advanced use cases and the ability to better leverage new and emerging tech.

We bring a managed end-to-end network platform with future-proof SD-WAN infrastructure to enable optimized connectivity with fully integrated security. This enables us to support greater agility and responsiveness, with enhanced monitoring and reporting capabilities across your entire network.

**Speak to us at NTT today about how we can help you realize
your strategic ambitions.**

[Contact us now.](#)



