

Logistics Solutions

Optimizing Logistics and Transportation
with ngena's fleet.connect Solution



Challenge

Companies in the Logistics and Transportation sector often face unique challenges when it comes to network connectivity and digital transformation:



Geographically Dispersed Operations

This sector relies on a network of geographically distributed hubs, depots, and transit points, making it crucial to ensure efficient, secure, and uninterrupted network connectivity across these locations.



Real-time Data Exchange

Efficient logistics and transportation operations depend on real-time data exchange for route optimization, cargo tracking, and timely decision-making, requiring high-performance and reliable network infrastructure.



Data Security and Compliance

Handling sensitive shipment and customer data demands robust security measures and compliance with industry regulations to protect cargo and maintain data integrity.



Cost Management:

Companies in this sector need to optimize network costs while supporting digital transformation initiatives and maintaining operational efficiency.

Solution: ngena fleet.connect

To address these challenges, ngena offers the fleet.connect SD-WAN solution, tailored to provide the following key features:

Network Integration: fleet.connect leverages ngena's fast, orchestrated and automated platform to create a unified, secure, and reliable network, connecting all logistics and transportation hubs, depots, and transit points.

Real-time Data Exchange: The solution ensures rapid and secure data transmission, supporting real-time cargo tracking, route optimization, and operational efficiency with robust security measures.

Data Security and Compliance: fleet.connect incorporates stringent security measures to protect shipment and customer data, ensuring data privacy and security while enabling compliance with industry regulations.

Cost-Efficiency: By optimizing network traffic and routing, fleet.connect helps logistics and transportation companies reduce network costs while supporting digital transformation initiatives.

Operational Continuity: The solution can ensure network resilience, maintaining operational continuity during network outages or disruptions, reducing the risk of service disruptions.



Results:

Implementing fleet.connect enables several favorable outcomes for companies in the Logistics and Transportation sector:

- ✓ Improved network connectivity among hubs, depots, and transit points enhances real-time data exchange, cargo tracking, route optimization, and operational efficiency.
- ✓ High-performance data transmission improves logistics and transportation processes, enabling timely decision-making and customer service.
- ✓ Enhanced security and compliance measures protect sensitive shipment and customer data, ensuring data privacy, security, and facilitating industry regulatory compliance.
- ✓ Cost-efficient network management allows companies to allocate resources strategically, supporting digital transformation initiatives and maintaining competitiveness.
- ✓ Network resilience ensures operational continuity, reducing the risk of service disruptions, and enhancing customer satisfaction.

Success Stories

The LATAM region of a global logistics company, with 389 offices and 2 Data Centers relies on ngena's solution for the resilience of their network.

Challenges

- Hybrid underlay (MPLS and Internet Access Lines)
- Local Internet breakout to offload user traffic on WAN
- Load-balance and automatic failover on the WAN connectivity
- Cloud Security connectivity
- Custom QoS
- Cost reduction comparing to the previous network contracts

Solution

- Secure Cisco SD-WAN solution across all sites
- 36-month contract
- 24/7 NOC, delivering automation and flexible operating model
- Turnkey solution augmented with pre-staging services and local onsite resources
- Local Internet breakout, offloading traffic from the WAN
- Flexible QoS implementation
- Local IPSEC tunnels to zScaler cloud

Results

- A unified, secure, and robust Cisco SD-WAN network
- Reduced traffic on WAN due Internet offloading
- Supported by a global NOC
- Compliance with all SLAs
- Reduced operating costs

Conclusion

The success story of deploying ngena's fleet.connect addresses the specific challenges faced by companies in the Logistics and Transportation sector. This specialized SD-WAN solution empowers these organizations to optimize their operations, maintain secure, efficient, and resilient network connectivity, ensure data security and compliance, and support their digital transformation initiatives. fleet.connect plays a pivotal role in optimizing logistics and transportation while enhancing customer satisfaction and supporting the digital transformation of this sector.

The solution presented is based on a typical industry case and may require adjustments to its architecture to meet specific requirements identified during analysis.



**Are you interested
in this solution?**

Contact us

**to request a quote
or design together
your custom
solution!**

