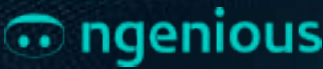# Retail and Wholesale Solutions

Innovative Solutions for Smarter Retail and Wholesale Operations

ngenious

Challenge

Companies in the Wholesale Sector often encounter specific challenges related to network connectivity and digital transformation:

Diverse Supplier Network

Wholesale companies manage diverse supplier networks, which require seamless and secure network connectivity to ensure the efficient flow of goods.

Real-time Inventory Management

Efficient inventory management is essential, and it relies on real-time data exchange to optimize stock levels and meet customer demand.

Data Security and Compliance

Handling sensitive customer and supplier data necessitates robust security measures and compliance with industry regulations to protect data and maintain data integrity.

Cost Management

Wholesale businesses aim to optimize network costs while supporting their digital transformation initiatives and maintaining operational efficiency.

Solution: ngenious .connect

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

Supplier Network Integration: .connect leverages ngena's fast, orchestrated and automated platform to create a unified, secure, and reliable network, connecting all suppliers, distribution centers, and wholesale locations seamlessly.

Real-time Inventory Management: The solution ensures rapid and secure data transmission for real-time inventory tracking, order processing, and inventory optimization with robust security measures.

Data Security and Compliance: .connect incorporates stringent security measures to protect customer and supplier data, enabling compliance with industry-specific regulations and maintaining data privacy.

Cost-Efficiency: By optimizing network traffic and routing, wholesale.connect helps wholesale businesses reduce network costs while supporting digital transformation initiatives.

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

Results

Implementing .connect enables several favorable outcomes for companies in the Retail and Wholesale Sector:

- Improved network connectivity across the supplier network enhances real-time data exchange, inventory management, and supply chain efficiency.

- High-performance data transmission improves inventory tracking, order processing, and inventory optimization, leading to reduced carrying costs and increased productivity.

- Enhanced security and compliance measures protect customer and supplier data, ensuring data privacy, security, and enabling compliance with industry regulations.

- Cost-efficient network management allows wholesale companies to allocate resources strategically, supporting their digital transformation initiatives and enhancing competitiveness.

- Network resilience ensures operational continuity, reducing the risk of supply chain disruptions, and enhancing customer satisfaction.

Success Stories

A large building material distributor based in Europe with 12k+ employees, 624 CISCO Meraki sites rely on ngena's solution for the transformation of their international network.

Challenges

- Highly fragmented network
    - Lack of standardization
    - End of life MPLS
    - Non-supportive bandwidth
    - Difficult to support IT transformation
- Non-existent or poor service levels
- Rigid contracts
- Cost inefficiencies

Solution

- Secure Meraki SD-WAN across 624 sites and 6 European countries
- Internet underlay access with LTE back-up
- 69-month contract
- 24/7 global NOC, delivering automation and flexible operating model
- Turnkey solution augmented with pre-staging services and local onsite resources
- Future Meraki LAN deployment and integration with Umbrella

Results

- A unified and robust Meraki SD-WAN network across harmonized and easy to use on 3 pre-built site types
- Supported by a global NOC
- Ready to scale up network with service level commitments
- Compliance with all SLAs
- Delivering significant of over 30% cost savings over current TCO
- Delivery management efficiency at a rate of 60 sites per month (18% ahead of schedule)

Conclusion

The success story of deploying ngenious.connect addresses the specific challenges faced by companies in the Wholesale 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. wholesale.connect plays a pivotal role in elevating efficiency in Wholesale Operations while maintaining data integrity and customer satisfaction.

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!