

Electronic Components Production

Global network connectivity for a complex manufacturing chain

The Challenge

The customer was looking to consolidate its legacy multi-vendor network environment into an efficient and flexible global operation using a single service provider. Their legacy network had insufficient network capacity, limited flexibility and lacked scalability, threatening future business growth. The customer needed to retain full control of their IP layer and the flexibility to select a suitable SD-WAN partner. A high level of redundancy and reliability to support a complex supply chain was essential.

The Solution

With a fully-owned network, Arelion was able to offer fast, always-on global connectivity with high security – as a single provider. In short, our solution included a private high-capacity Ethernet LAN connecting main hub-sites and DIA for smaller local sites, for a direct connection to the Internet. This was the perfect underlay for the desired SD-WAN solution. Additionally, private connectivity to the cloud was provided, offering cloud connectivity on the same port (MSOP) - for lower cost and greater efficiency. The solution enabled the customer to keep pace with planned growth and new platform integration - all through a single point of contact.

Results

- A new underlay network using both private Ethernet connectivity and DIA
- High-capacity access to public cloud resources, enabling cloud migration and fuelling innovation
- Single, centralized support with advanced reporting
- Enhanced network reliability and scalability, meeting diverse business needs and accommodating future growth
- Vastly improved redundancy and security

Solution overview

Industry

Manufacturing (energy)

Locations

Offices EU & NA
HQ in EU

Functions

IT, Production, Sales, Operations,
Supply

Benefits

Uninterrupted production with increased efficiency and scalability, a single point of contact for support, better network reliability, flexibility and centralized control processes without disturbances

Core solution elements

Ethernet LAN connectivity between main hub-sites, DIA connections to AS1299, Multiple Service on One Port, Cloud Connect to leading cloud providers, DDoS protection

