



A LEADING AUTOMOTIVE SUPPLY CHAIN MANUFACTURER WORKS WITH SOLITON SYSTEMS TO ENABLE EASY AND SECURE NETWORK ACCESS CONTROL

A leading automotive supply chain manufacturer wanted to upgrade its network security and secure access via wired, WiFi and VPN connections. The company needed to protect the network from growing threats, including ransomware from untrusted devices, and ensure they could be TISAX compliant — vital for any supplier, OEMs and partners contributing to the automotive supply chain in Germany.

The team at the company, working with a partner, selected a Sophos security solution. However, it quickly became clear that the solution was missing some vital elements that the company needed: Network Access Control and certificate management. These elements were critical to comply with TISAX and ensure the network was sufficiently protected.

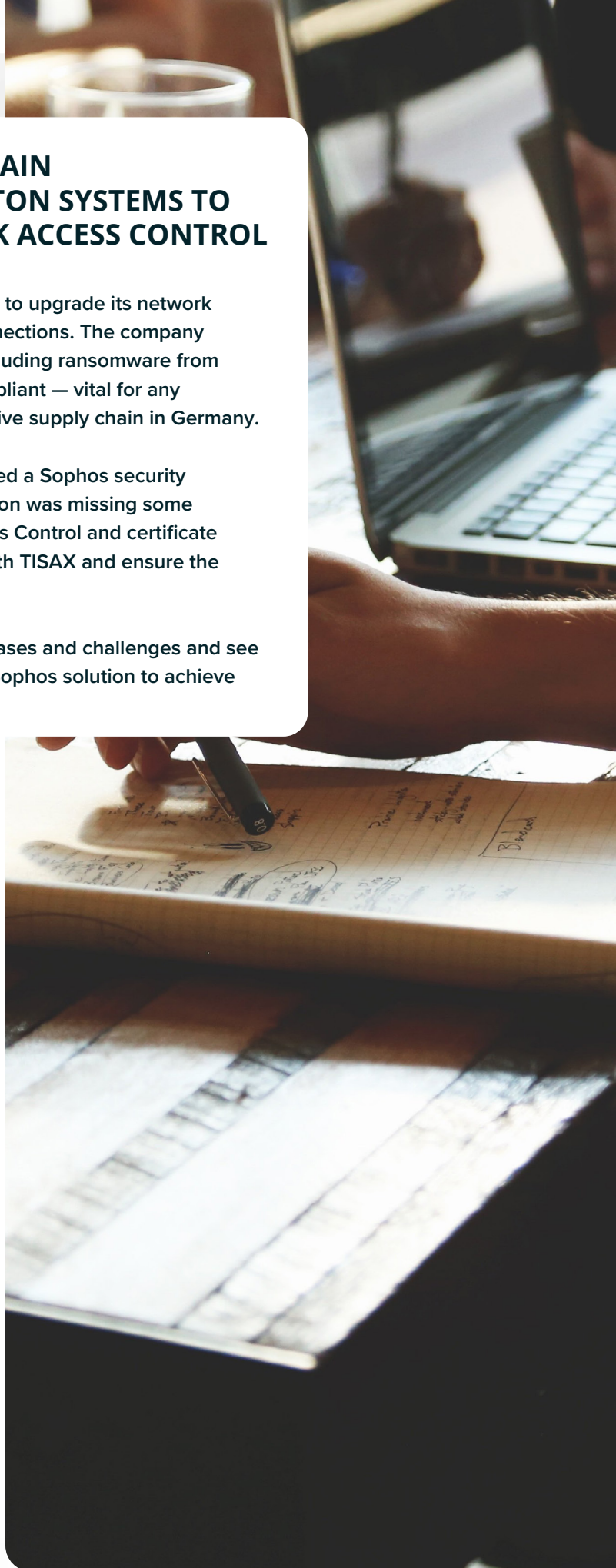
Soliton Systems led a workshop to understand the use cases and challenges and see if they had a solution that could work together with the Sophos solution to achieve everything that the company needed.

Separating the network and enabling easy certificate installation

At the company, business-critical production machines are connected to the network. As a result, any threats introduced to the network could also spread to these devices. To protect the production machines from intrusion, Soliton advised segmenting the network. This approach contains threats in one part of the network — rather than spreading throughout the whole organisation.

Soliton's NetAttest EPS is a powerful, all-in-one port-based network access control solution. It makes it easy for IT to increase network security and create multiple network segments (VLANs). It also upgrades WiFi security to the WPA2 Enterprise level with strong authentication.

The company also wanted to set up certificate-based authentication, including authentication for private or third-party devices. Using the NetAttest EPS-*ap* combined with the Soliton KeyManager, it's easy for end-users to install certificates on their devices. And, if needed, admins can quickly invalidate certificates to prevent access.





Why Choose the NetAttest EPS NAC solution?

Network administrators often see access control as a burden. NetAttest EPS changes that perception, making it easy to implement network access control and provide users with the most convenient solution on any device or operating system.

NetAttest EPS is a complete, port-based network access solution and uses the IEEE 802.1X standard with EAP-TLS to act as an authentication and authorisation server. It's ideal for protecting large and smaller networks in one location or many, protecting the wired, WiFi and VPN network access.

The solution meant the company could implement the Sophos solution with NetAttest EPS providing the additional security features it needed.

The Results: Smooth Operations for 3+ Years

Implementation started with a POC. After this was validated, the switch to the live environment was swift — it took place during a lunch break.

Since its implementation, the NAC solution has run smoothly for over three years.

It's benefitted both IT and end-users. Certificate renewals are easy and painless. Users receive an email, prompting them to renew. If they still have the rights to access the network, they get their new certificate. Plus, for IT, the solution is low-maintenance, and the robust implementation means it's operated smoothly since moving to the production environment.

About Soliton Systems

Soliton Systems helps companies solve IT security challenges with a unique set of high quality, cost-effective products and solutions. As a global company with over 40 years of IT security experience, its solutions are deployed by many of the world's leading companies.