

# SCHEIDT unlocks the future with modern IT



## Modernization of the IT network including remote access

**The previous IT network of SCHEIDT, a construction company specializing in turnkey energy supply buildings, was modernized from the ground up and adapted to current security standards. Key aspects included simple management via the cloud solution (LANCOM Management Cloud) and remote integration via the LTA client (LANCOM Trusted Access).**

## Initial situation and task description

In the initial situation, outdated IT network hardware was in use, sometimes without warranty. The lack of centralized management made troubleshooting difficult, especially at the regionally dispersed production sites. In addition, some Wi-Fi access points and network switches could not be managed. This forced the network administration team to carry out complex management of VLANs, firewalls, and processes as well as complex deployments of security functions.

This situation led to the objective of creating a consistent and uniformly manageable, modern IT network. All network components were to be centrally managed across the four locations. The goal was to establish a fault-tolerant backbone for the servers, distributed across two separate server rooms at the Rinteln location. In addition, employees working from home were to be integrated safely and easily. Another requirement was the secure connection of the subsidiary SMA via a firewall and DSL/5G line.

*“A modern company needs a homogeneous, high-performance IT network that is also easy to administer. Employees at various locations and those working remotely should be able to work securely without any loss of performance. The LANCOM infrastructure was able to meet all our requirements.”*

Quote by Alejandro von Fersen,  
Project Manager IT Network  
Modernization

## Implemented solution

The LANCOM Management Cloud provided a straightforward work platform for administering the LANCOM network components (firewalls, access points, and switches) used. The key advantages of the solution included a significant improvement in security and time savings in the deployment, maintenance, and management of the IT network. Remote and mobile access solutions now enable the SCHEIDT team to securely access company applications from the office, home, or while on the move, ensuring protection for modern hybrid working.

The key arguments in favor of the LANCOM solution were the increased security provided by centralized system management as well as the high product quality, scalability, and the long lifespan of the IT network components used. The simplicity of the management solutions, combined with a fair price-performance ratio, was also compelling.

As a German company, SCHEIDT values compliance with GDPR requirements, guaranteed backdoor-free operation, and the availability of German support – requirements of great importance to SCHEIDT as a company that is related to the critical infrastructure.

## Looking ahead

Continuous monitoring and further development of the security level will remain important. In addition, further automation aspects will be required to continuously simplify the daily management of the IT network.



### The client

SCHEIDT is a leading manufacturer of transformer and supply stations, specializing in custom-designed switchgear houses and structures. The company offers state-of-the-art, turnkey solutions that meet all safety certifications and are made of reinforced concrete in either modular or cell-based designs. SCHEIDT focuses strongly on customer needs and is characterized by high flexibility in manufacturing and customizing its products.

## At a glance

### The client



#### SCHEIDT GmbH & Co.KG Stammwerk Rinteln

Galgenfeld 2  
31737 Rinteln  
info@scheidt.de  
www.scheidt.de

#### System house Netzlink Information Technology GmbH

Habichhorster Str. 107  
D-31655 Stadthagen  
info@netzlink.com  
www.netzlink.com

### Requirements

- Central management of IT network components
- Homogeneous environment for the entire network
- Higher security standards in the IT network
- Connection of individual workstations through secure client – in the office, from home, or on the move
- Compliance with important framework conditions (GDPR compliance, backdoor freedom)

### Utilized components

- LANCOM Management Cloud
- LANCOM Trusted Access
- LANCOM Access Points LX-6400
- Switches  
LANCOM XS-5116QF  
LANCOM GS-3652XP  
LANCOM GS-3528XP
- LANCOM R&S®Unified Firewalls  
LANCOM R&S®Unified Firewall UF-760 in the headquarters in Rinteln;  
LANCOM R&S®Unified Firewall UF-360 at the other sites

