Technology Partner Draws on Years of Customer Experience to Rebuild Own Network

Long-time partner Nutz GmbH gives Allied Telesis the ultimate endorsement: their own new network is built with Allied Telesis products and solutions.

Customer: Nutz GmbH

Industry: Building/Construction
Location: Ampfing, Germany
Website: www.nutz.com

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> **Mr. Andreas Huber**
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> *Head of IT, Nutz GmbH*

Nutz GmbH is a German company with 41 years' experience in electrical installation, security & surveillance, installation of passive and active networks, and Smart Building solutions. A long-time partner of Allied Telesis, Nutz is a leading company in Europe with a total of 272 employees operating at 8 locations in Germany, the Czech Republic and Switzerland.

In 2017, Nutz decided to take the step from passive networking to active technology. The company needed to increase security, and modernize and futureproof their network, with a goal of bringing all active network components in the company and its subsidiaries up to a unified standard. To kick off this major restructure, they decided to renew the network in the company headquarters in Bavaria.

The new network had to provide security, high availability and high performance, and it had to be easy to manage too. The network replacement had to occur during normal business operation, without causing any failures or costly downtime.

Why Allied Telesis?

As a trusted partner of Allied Telesis, Nutz has a long history of delivering the best results to customers. So, when Nutz began its own network overhaul project, deciding on a network vendor was a cinch. For over 15 years Nutz and Allied Telesis have enjoyed a hugely successful working partnership, creating strong and high-performing customer network solutions across Europe. Now, with Nutz itself in the role of customer, Allied Telesis was the obvious choice.

"We have a long-standing professional relationship with Allied Telesis, and we were set from the start on using them for our own network," says Mr. Andreas Huber, Head of IT at Nutz. "We have seen first-hand that Allied Telesis equipment is reliable, its management is easy and efficient, and the level of customer support is outstanding. We have been using Allied Telesis products in our own customers' networks for 15 years, and we are very satisfied with both their solutions and support."

Designing for Convergence and High Availability

"We wanted a reliable and professional network solution. As well as providing our head office with high availability and converged services, this network will also function as a show case system, where we can demonstrate our solutions to potential customers—who can come to us, have a look at the network, and see how it all functions," says Mr. Huber.

The new, converged network supports many online systems and security technologies, such as IP telephony, video conferencing, cloud-based storage, Enterprise Resource Planning (ERP), and intrusion prevention. The network also enables smooth building management, by integrating smart building automation, access control, and video surveillance.

The network is split into 2 functional sections. The office network connects PCs, servers, and IP phones to the online resources they require, while the building management network supports access control and video surveillance to ensure a secure working environment. The 2 sections are connected via Allied Telesis x550 Series stackable 10 Gigabit switches at the network core. Allied Telesis XS916MX, x230, GS900, and GS970M Series switches provide network access and connectivity for all user and building control endpoints.

Allied Telesis Virtual Chassis Stacking (VCStack™) in the core maximizes the availability of network resources, providing Nutz with continuous and immediate access to information. VCStack enables a truly resilient network with no single point of failure and simplified management, as multiple x550 Series switches operate as a single virtual chassis. If a link or device fails, the network remains operational with all remaining resources fully utilized.

A Showcase Network for Future Customers

The new network has provided a highly available and high-performing solution for Nutz, which as well as enabling their own business operation, building automation, and security, also allows demonstration to potential new customers of the very best of Allied Telesis network technology alongside the other advanced solutions Nutz have to offer.

"Our new building allowed us to utilize all our expertise in the fields of electrical engineering, data technology, security technology and building automation," says Mr. Huber. "With our company building, a large showcase has been created at the same time, which allows us to demonstrate what Nutz is capable of. For this purpose, we installed what we consider to be the best products for our purposes—including high-end products from Allied Telesis."

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C618-18129-00 RevA