



Network Upgrade Means Reliability and Performance for Major Automotive Parts Manufacturer

NHK Precision (Thailand) Co., Ltd. gets a high-performing network upgrade with industry-leading Allied Telesis products and services.

Customer

NHK Precision (Thailand) Co., Ltd.

Website: <http://www.nisseiko.co.jp/index.html>

NHK Precision is one of a number of group companies within NHK SPRING Co., Ltd., a market leader in automotive suspension manufacturing and precision processing. NHK Precision in Thailand manufacture numerous products, including screw tools, automotive parts, machinery parts, and industrial precision tools.

Challenge

NHK Precision leads the industry in precision processing technology. So when the company decided to move to a new site and redesign its network, it wanted only the highest quality products to provide a truly reliable network, including wireless access from all around the premises.

After careful consideration, the company selected Allied Telesis to design and implement a comprehensive new solution for secure, easy access to their online systems.

Solution

Allied Telesis provided network design and installation services with Net.ProSM to build a brand new highly-available factory network.

An x510L-28GT Stackable Gigabit Switch at the core is connected to GS950 access switches for a reliable cost-effective network backbone.

Allied Telesis TQ4600 Series wireless access points were used to create a stable and high-performing wireless network, which covers the entire factory area. A Unified Wireless Controller (UWC) was being used to centralize provisioning, operation and maintenance of the entire wireless infrastructure—reducing admin time and simplifying network management. The UWC delivers a rich feature-set including seamless mobility, client tracking and extensive security safeguards for NHK Precision's staff.

Internet connectivity is provided by an AR4050S UTM Firewall, which combines a powerful firewall with advanced threat protection. This ensures secure Internet access, while protecting the business from online threats.

Why Allied Telesis?

NHK Precision knew that Allied Telesis built extremely high-quality network products, and at excellent value for the money—a combination that isn't easy to come by. They also offered full support to the company both during and after the network installation.

Success

NHK Precision now has a brand new network at its Thailand factory. Allied Telesis has provided a leading-edge solution, featuring high functioning products with excellent cost performance and a full and rich support system.

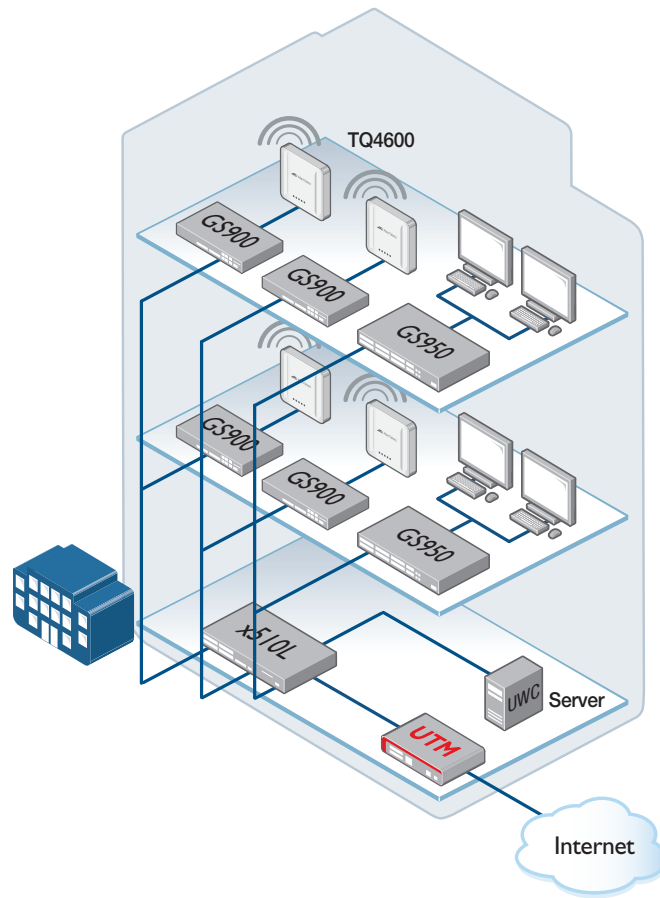
Non-stop wireless access has been achieved across the entire factory thanks to the TQ4600 Series wireless access points, and the UWC ensures consistent wireless management with reduced administration time.



“ We have wireless network access covering the entire factory, so secure access is now possible anywhere, which is extremely helpful and convenient.

Mr. Hajime Nakajima
Manager, Manufacturing/Engineering Group
Yokote Plant & Management/Administration
Div. NHK Precision Co., Ltd.

Network solution



In addition, Allied Telesis continues to provide comprehensive ongoing network support, with Net.Cover® to ensure non-stop network operation 24 hours per day, every day.

About Allied Telesis

For nearly 30 years, Allied Telesis has been delivering reliable, intelligent connectivity for everything from enterprise organizations to complex, critical infrastructure projects around the globe.

In a world moving toward Smart Cities and the Internet of Things, networks must evolve rapidly to meet new challenges. Allied Telesis smart technologies, such as Allied Telesis Autonomous Management Framework™ (AMF) and Enterprise SDN, ensure that network evolution can keep pace, and deliver efficient and secure solutions for people, organizations, and “things”—both now and into the future.

Allied Telesis is recognized for innovating the way in which services and applications are delivered and managed, resulting in increased value and lower operating costs.

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