



# The Optimal Network Infrastructure for Physical Security

## Company Overview

For over 35 years, Allied Telesis has been delivering reliable, intelligent connectivity for everything from enterprise organizations to complex, critical infrastructure projects around the globe.

Allied Telesis helps security managers protect people and secure premises by providing highly available, intelligent network solutions with extended lifespans and long term support.

## Target Customers

- Transportation
- Manufacturing
- Logistics
- Retail and shopping malls
- Finance and Enterprise
- Hospitality
- Healthcare
- Education
- Local government
- Agriculture

## Relevant Compliances

**EN 50121-4:** Switches can be installed trackside in Railway applications.

**UL 2043:** Switches can be installed in air-handling spaces (such as above suspended ceilings and below floors)

Customers' pains	How Allied Telesis addresses them
Continuous operations - Downtime costs money	Resilient architecture coupled with meticulously engineered hardware boasts exceptional uptime.
Predictable cost of ownership	Well-designed networks utilizing long-lasting equipment and minimal maintenance requirements significantly reduce Total Cost of Ownership (TCO).
High number of endpoints – Managing, monitoring and securing becomes overwhelming	Extensive automation and network management options to scale up to a large number of devices.
Limited visibility and control of the system	Flexible security options safeguard the network edge, from user and device authentication to advanced controls like micro-segmentation and SDN.
Integration with various third-party systems e.g., parking, incident response, traffic management	Making no reliance on proprietary protocols and providing programmable interfaces and tools.

## Integrations

StreamConnect is an add-in for Hanwha, Milestone, and Digital Watchdog Video Management Systems (VMS) that provides access to port and switch management functions. It offers the operational team a direct link from the VMS interface to relevant network information and essential switch port controls.

Allied Telesis does not rely on proprietary protocols. It provides programmable interfaces and tools like OpenFlow, Netconf/Restconf, and Ansible, which ensures easy integration into other applications (like SIEM—Security Information and Event Manage).



## Key Differentiators

- 1 For larger installations, Allied Telesis offers single pane of glass management and automation for both commercial and industrial switches.
- 2 A GUI (graphical user interface) makes it easy for partners and customers to configure the simpler networks quickly.
- 3 Advanced POE/POE+/POE++ capabilities.
- 4 Surge immunity on copper ports for outdoor installation.
- 5 Longer port lifespan due to sturdy connectors for PoE++ sourcing @90W (IEC 60512-99-002 standard).
- 6 Built-in copper cabling diagnostics.
- 7 AFM- Active Fiber Monitoring to identify potential security breaches or cable problems before they cause issues.



Rev C