

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 empowers educators and administrators to deliver exceptional learning experiences by providing reliable, intelligent network solutions tailored for educational environments.

For educational institutions, Allied Telesis offers cost-effective solutions with extended lifespans, robust security, and easy-to-manage systems to reduce IT workloads, and ensure uninterrupted access to educational resources.

Target Customers

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



The Right Network Infrastructure for any School

Customers' pains	How Allied Telesis addresses them
Secure identity control to manage privacy, service assets and BYOD security	Network Access Control for device assets ensures that staff and students have constant access to appropriate resources, while protecting confidential information and privacy, and maintaining control over BYOD.
Provide connection everywhere in the campus	Combined offering of wired and wireless, commercial and industrial-grade equipment with a uniform feature set.
Support for every high number of wired and wireless devices	Extensive automation and network management capabilities allow the system to scale efficiently to support a large number of devices.
Uncontrolled cost growing	Properly designed network using long lifespan equipment and low maintenance cost reduces the TCO.
Integration with various third-party control	Making no reliance on proprietary protocols and providing programmable interfaces and tools.

The Scope

School solutions are designed to provide a wired and wireless reliable high-speed connection to classrooms students and equipment with educational services with

- Single building
- Multiple building
- Campus composed by buildings and outdoor areas

School solutions help the CIOs to meet the innovation and transformation challenges that are arising in this stage of the digital journey and to provide secure service to the whole ecosystem composed by:

- Students
- Teachers
- Family
- Administrative

Large School and Campus

Allied Telesis provides secure, resilient, and easily manageable networks for large institutions with multiple buildings, delivering high performance and seamless connectivity across extensive campuses.

Small School

Allied Telesis offers robust, reliable, and cost-effective networks for small schools with limited classrooms in a single building, ensuring adequate performance and easy management. Vista Manager provisioning enables device installation without the need for skilled resources.

Key Differentiators

High-Density Wi-Fi Everywhere: Each classroom must support at least 40 wireless laptop/tablets with high-speed access for teachers and students and the wireless connection need to be available in any indoor and outdoor area. Allied Telesis family of indoor and outdoor wireless access point together with the AWC wireless controller capable to optimize the performance is able to provide an interrupted wireless service in high density environment.

High-Speed Wired Connections: Wired connections need to be flexible enough to support the classroom devices including access points and be ready for any technological evolution. Allied Telesis Multi-Gigabit PoE switches can connect and power any device without introducing bottleneck in the whole system and be ready for any new future requirement.

Simple Management with BYOD Specific Feature: A single-pane-of-glass monitoring and management solution, combined with the same Operating System and industry-standard CLI on industrial and commercial-grade devices, permits unified configuration and avoids interoperability issues. Specific "SKY defender" feature to onboarding students directly from the classroom teacher enhance the management capability.

Automation: Allied Telesis offers software tools for the automated management of commercial and industrial-grade switches. The Autonomous Management Framework Plus (AMF Plus) automates many tasks—such as backups, updates, and configuration changes—across all network devices, significantly reducing administrative overhead. In small installations, Vista Manager can deploy preconfigured devices that only need to be plugged in and powered on to be operational.

Rev B