

SOLUTION SNAPSHOT

K-12 Schools

Behind every winning school is a safe campus and a connected infrastructure.

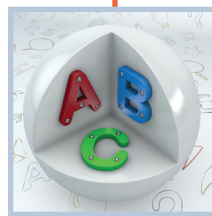
DES is a one-stop source for technology integration. Our solutions extend from front door access control to back office communication solutions, and everything in between. We are registered with state purchasing contracts, PEPPM and E-Rate.

Turn the school building into a high-performance, networked system.

Unified Security & Visibility

We cover every part of your safety plan. Our solutions are designed to be unified with the ability to operate on a single platform.

- IP Surveillance Coverage
- Access Control & Intrusion Detection
- Electronic Visitor Management
- School Lockdown
- Networked Vape Detectors



Accessible Networks

In the hallways, out in the playing fields, or at home. Wherever you are, we will get you on the school's network. Cybersecurity included.

- Wi-Fi Infrastructure Design
- In-House Cellular
- Managed Services
- Structured Cabling

Voice & Communications

Unify disconnected offices and buildings over one communications platform.

- IP Phone Systems & Cloud Communication
- Fail-over Protection
- Mass Notifications

Audiovisual Classrooms

Our suite of audiovisual integrations and AI solutions make for a smarter educational experience.

- Hybrid Rooms & Live Streaming
- Interactive Boards & Digital Displays
- Smart Wayfinding
- Voice Activated Multimedia

LEARN MORE AT WWW.DESCOMM.COM/K-12

K-12 SCHOOLS CASE STUDIES

Unified & Accesible Security

UPPER ST CLAIR SCHOOL DISTRICT

The Challenge

With three elementary schools, two middle schools, a high school, and administrative buildings, Upper St. Clair School District needed a cohesive security system to keep its district safe. Each campus was controlled by its own operator which hindered quick response in an emergency situation.

The Solution

DES surveyed and designed the surveillance infrastructure for the district. A network of over 240 IP cameras cover interior and exterior locations. All footage can be instantly viewed, clipped and saved through an enterprise video management system. Accessibility is paramount with access available on desktop or mobile to school administrators, security operators and the township's first responders.

The Outcome

Security incidences on school property are swiftly resolved, keeping children, faculty and visitors safe.



A police officer accesses Upper St. Clair's security platform from his patrol car.

Reliable Wi-Fi Networks

MOUNT LEBANON SCHOOL DISTRICT

The Challenge

The Mt. Lebanon School District is a nationally-recognized district that includes seven elementary schools, two middle schools and one high school. As technology became increasingly more embedded in both the curriculum and in daily operations, reliable Wi-Fi became a necessity.

The Solution

DES upgraded the cabling throughout the campus, carefully selecting fiber for future scalability. A grid of Wi-Fi access points, alongside optimally placed routers and switches, provide reliable and efficient network access. A dedicated guest network allows for safe visitor access. The district's I.T. department can easily manage the network through its single-pane-of glass dashboard.

The Outcome

Students can safely access the internet through any mobile device and augment their learning.

