

CREATING A PROACTIVE APPROACH TO SCHOOL SAFETY



Photo compliments of Perry Township Schools 2/24/20

CUSTOMER PROFILE:

Located in the Southern part of Indianapolis, Perry Township Schools is the second-fastest growing school district in the State of Indiana. Their school district covers 45 square miles including; 1 pre-school, 4 kindergarten schools, 11 elementary schools, 2 sixth-grade schools, 2 middle schools, 2 high schools, and 2 alternative school that together serve 16,750 students.

CUSTOMER CONCERNS:

Managing the Campus Perimeter:

- How did they know who was coming to their school?
- Were school entries properly restricted?

Recognizing Concerning Behaviors:

- How do they keep an eye on thousands of students, staff and visitors?
- Do they know if every student is ok?

Keeping the Community Connected:

- How could they collaborate better within the school system?

Emergency Preparedness:

- How could they provide eyes-on-scene from anywhere?
- How could they better engage emergency response teams?

CUSTOMER CHALLENGES:

Inadequate Radio System: Their previous radio system wasn't providing consistent coverage throughout all campuses or bus routes. This was causing delay in communications and was a major concern for administrators as well as the Perry Township Police Department. They were seeking a radio system that allowed staff to stay connected throughout the district.

Video: Even though the school district had security cameras on all campuses, they needed a way to be proactive instead of reactive. With 24 schools, 16,750 students, and nearly 2,200 staff the township had 3,000 incidents the previous year with 350 that required public safety involvement. They were looking for a solution that would alert them if anything was suspicious so they could take necessary action to deter threats, a solution that would show them who is coming to their schools while managing the campus perimeter.

Access Control: While the school district had cameras in place at all exterior doors, propped-open doors presented a significant safety concern. They wanted a way to know when any exterior door that was supposed to remain locked was open or remained open for an extended period of time.

Collaboration: The school wanted a way to integrate the radio, video and access control systems to create district-wide situational awareness and respond to incidents faster.



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SOLUTION:

Upon listening to the schools vision of detecting who was coming to their schools, using analytics to determine suspicious behaviors, and integrated voice, video, and data communications to drive faster response times, ERS Wireless teamed up with Motorola Solutions, Avigilon and Ally to design a comprehensive end-to-end school safety solution.

This solution would offer digital two-way radios that provided clear communications throughout the school district, video cameras strategically placed at high traffic areas and all exterior doors, license plate recognition software, access control that would send an alarm when a door was propped open that should be locked, and dispatch software that integrates real-time information from all of these technologies.

MOTOTRBO™ Digital Two-way Radios

After testing radio coverage throughout their campuses and bus routes, the MOTOTRBO Digital Radios proved to offer excellent coverage in-buildings, outdoors throughout campus grounds, and the bus routes. With features such as background noise suppression, the radios offered excellent communications in noisy environments such as the gymnasium at Southport High School, which seats over 7,000 people. Police Officers and Administrators have full-feature radios with a display so they can send discreet text messages and have alerts sent to their radio, while other staff might have smaller radios with fewer features that are primarily used for push-to-talk communications.

“My radio is my lifeline. I can be anywhere in the school system, or even in the local hospital with an injured student and communicate back to the office. The radio upgrade has been phenomenal. “

– Eric Woodke

Dean of Students, Southport High School



**MOTOTRBO™ DIGITAL RADIOS
OFFER EXCELLENT VOICE AND DATA COVERAGE
THROUGHOUT THE SCHOOL DISTRICT
THAT SPANS 45 SQUARE MILES.**



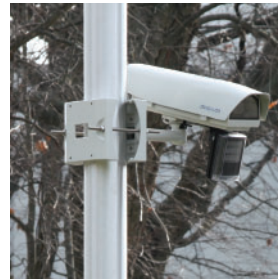
“Reactive doesn’t help us with threat assessment. Avigilon and Access Control helps our school system be proactive.”
-Brian Knight
Principal Southport High School

Avigilon Video and Analytics Solution:

Working with school administrators and the Perry Township Police Department, ERS Wireless determined specific locations that needed better visibility. This included spaces where students loitered or congregated, in parking lots, high-traffic areas, and covering all exterior doors. This video solution included analytics, license plate recognition software, and an access control manager that operated seamlessly together.

This solution offered the school a way to analyze vehicles entering or exiting campus and detect vehicles that are not permitted on school grounds, then trigger an alarm to their MOTOTRBO radios. This Avigilon video solution has self-learning video analytics that allow the cameras to learn patterns, such as “busy” times of the school day. Once these patterns are determined, the software alerts the safety staff of unusual activity. In addition, this camera solution offers “search” by vehicle license plate number, a person’s name or an appearance search that allows administrators and safety staff to easily track an individual based off defined characteristics such as clothing color.

This video solution also includes a mobile app, making it easy for administrators and safety staff to monitor video to see if they need to send officers to the scene. This saves administrators as well as safety staff valuable time.

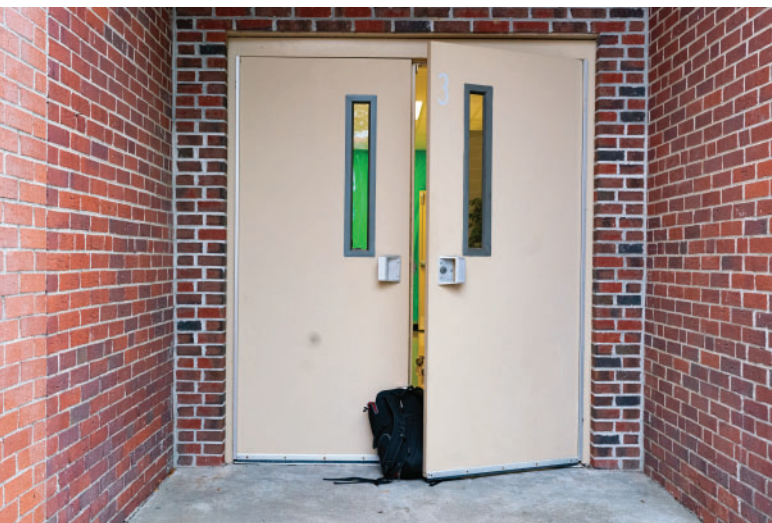


AVIGILON CAMERAS WITH LICENSE PLATE RECOGNITION ARE STRATEGICALLY PLACED THROUGHOUT CAMPUS TO OFFER PERIMETER PROTECTION





AVIGILON CAMERAS AT HIGH-TRAFFIC AND KNOWN GATHERING LOCATIONS COUPLED WITH ACCESS CONTROL AT ALL EXTERIOR DOORS OFFER BETTER VISIBILITY AND PROTECT AGAINST INTRUSION, LOITERING, AND VANDALISM.



Access Control System

The Access Control System gives Perry Township Schools automated facility lockout and lockdown, propped-open door, and entry breach detection. Before implementing the access control system, they were averaging 13 entry door breaches per day, and now they average 4 per day. This saves administrators and safety staff time while also improving situational awareness and overall school safety.

“The problem solving that went on between Perry Township Schools, ERS Wireless, and Motorola was fantastic! Perry Township Schools truly sees this as a partnership and not just a ‘vendor’ experience.”

*-Chris Sampson
Associate Superintendent
Perry Township Schools*

Dispatch and Communication Integration

To ensure school administrators and safety staff would have instant access, the cloud-based Ally Incident Management Software platform and Avigilon Control Center were implemented. This provides complete data mobility, fully accessible from any authorized internet-enabled device.

Now, Perry Township Schools can quickly access real-time information and share alerts or even live video feeds with campus administrators, safety staff and public safety to coordinate and respond calmly and effectively. This provides “eyes-on-the-scene” for school staff for more rapid response to prevent incidents from escalation.



About ERS Wireless

ERS Wireless is a Motorola Solutions Platinum Channel Partner and Premier Service Partner. We offer the full line of Motorola Solutions wireless voice, data and video products, and the services to support those products.

For over 70 years, we have been helping public safety, education, and enterprise customers implement wireless communication systems that help them keep staff connected, raise productivity, streamline operations and improve overall safety.



*“Customer Focused,
Quality Driven!”*

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