RADIO ALERT

NEXT GENERATION SAFETY
FOR THE NEXT GENERATION

MOTOROLA *SOLUTIONS*

SAFER, MORE CONNECTED SCHOOLS

INTEGRATING VIDEO SOLUTIONS AND TWO-WAY RADIO COMMUNICATIONS

Creating a safer, more secure environment for students and staff is a top concern nationwide. Students can only achieve their true learning potential when they feel secure enough to focus on their studies, not their safety. Yet, according to the Motorola Solutions 2019 Education Industry Survey only 42% of respondents feel that they are meeting this need.

To ensure a safe and secure learning environment, schools require a robust, flexible, always-connected infrastructure that can accommodate diverse communications needs and channels. This is especially true, since according to our survey, 90% of educators and school staff members use multiple devices to communicate with one another.

Regardless of size, location, or make-up of the student body, schools share a common need: a foundation for reliable, integrated digital communications on which enhanced security can be built. That's why so many schools stay connected with two-way push-to-talk (PTT) radio communication.

TWO-WAY RADIOS TOP THE LIST

Our survey revealed that two-way radios are the top communications method for educators. They provide schools with a reliable and "always on" channel, especially during emergencies. Even with today's range of available communication technologies, two-way radios were the survey's single most cited primary mode of communication.

With the increasing complexity and variety of communication methods available, schools are looking to extend the reach of two-way radios by integrating them with other devices. Analog radios, which are still used across many school districts, are unable to support advanced communications features like text messaging and location tracking.

Unlike digital radios, analog options do not support a direct line of communication with first responders, or the ability to prioritize critical communications during an emergency. Digital radios allow school districts to implement many of these capabilities and more, meeting today's needs while future-proofing their critical communications infrastructure for tomorrow.

Schools rely on radios because they're rugged, flexible, and provide instantaneous connection. Digital radios offer even more capabilities and the ability to run advanced, integrated applications.

[1] Motorola Solutions 2019 Education Industry Survey

A LIFELINE FOR SCHOOL COMMUNICATIONS

MOTOTRBO™ Digital Two-Way Radios are designed for a wide range of uses. With a **comprehensive portfolio** of rugged, reliable models that range from sleek and discreet to more robust options with full keypads and larger screens, MOTOTRBO has the right features for your unique needs:

- Superior voice quality, with digitally encoded speech capabilities that maintain clarity even in the noisiest environments.

- Mobility, agility and collaboration via instant, always-available communication capabilities that keep teams connected wherever they are.

- Clear, continuous coverage across the entire school campus.

- Greater reliability with a rugged design that allows for continuous operations day in, day out.

- More efficient technology with up to 40% longer battery life than analog radio.

- Flexible service and support options to ensure you always get the most out of your investment.

- Scalability to accommodate future growth.

These powerful benefits are just the beginning. MOTOTRBO two-way digital radios also provide access to an array of innovative applications that help streamline communications, protect data, and enhance safety. From advanced Artificial Intelligence (AI) to access controls, incident management and mass notification, we've developed an application uniquely suited to your school or district's needs.

THE FUTURE OF CAMPUS SECURITY

VIDEO ANALYTICS AND AI

Used in conjunction with two-way radios, video solutions provide a critical layer of additional safety for students, teachers, and staff. The use of video security solutions is becoming more common in education, with 80% of surveyed schools utilizing video security in some capacity. Additionally, districts are expanding the application and reach of video solutions. More than 70% of our survey respondents shared that they're using or plan to use video security on school buses in addition to school buildings and campus facilities within the next two years.

Video security solutions are rapidly evolving to include advanced features that provide new capabilities, create greater efficiencies, and can help schools respond to and even prevent security incidents. Advanced video and analytics from Avigilon, a Motorola Solutions company, are transforming the way schools leverage video security. Avigilon video surveillance and access control solutions provide greater insight and visibility with less effort, utilizing innovative AI capabilities that provide the right information to the right individuals at the just the right time.

The Avigilon H4 Camera Platform is the front-line of campus security. Utilizing AI, built-in analytics and pattern-based algorithms that recognize the movement of objects and people, the system provides 24/7 coverage for areas where security may not be physically present, then alerts staff to the potential of suspicious activity.

Avigilon Access Control Manager provides an instant view of new access activities from anywhere, empowering staff to respond immediately when incidents occur. With video and software integration, analysts and responders can easily track people on campus during emergency situations, detect new entries and analyze footage and real-time video to more effectively mitigate potential security risks. Data reports analyze the most heavily trafficked access points at key times, allowing schools to more effectively allocate and schedule staff.

Avigilon's appearance search capability lets schools input key descriptors to locate missing or unaccounted for students or suspicious persons reported on campus in minutes. License plate recognition technology extends the campus security envelope, allowing schools to input license plate watch lists for instant alarm notification when a match is detected. The result is enhanced safety, faster response times, and greater optimization of security teams, who no longer need to review hours of video to locate specific footage.

NEXT GENERATION SAFETY FOR THE NEXT GENERATION: INTRODUCING RADIO ALERT

The benefits of using digital two-way radio and advanced video solutions for constant communication and always-on security are clear. That's why we integrated two-way radio communications with video security in one game-changing solution.

INTRODUCING RADIO ALERT

Now, schools' most relied upon communication and security solutions share a unified platform that increases visibility and connectedness across campuses, ensuring the right people receive advanced, real-time video information when it's needed most.

Radio Alert leverages easy-to-use video management software with advanced AI and video analytics and integrates it with MOTOTRBO two-way radios. Users receive Avigilon Control Center™ (ACC) alarms directly from their MOTOTRBO radio system, including real-time alerts related to video analytics, license plate recognition matches, or access control events.

Alerts are instantly dispatched directly to radios via text messages and text-to-voice and two-way confirmation capability allows security teams or other staff to immediately acknowledge alerts from their radios, then respond accordingly. The result is faster response times and a far more effective and efficient use of resources.

Many schools struggle to maintain secure access points. Despite school regulations, students sometimes prop or leave doors open throughout the course of the school day or during extracurricular activities. Instead of conducting regular, time-consuming on-foot patrols to check access points, campus security personnel can now confidently rely on radio alerts to inform them of access points or other activity that require further investigation or immediate response. Video images delivered directly to two-way radios can inform responding staff with a clear picture of an unfolding situation, while encouraging greater adherence to access point policies.

Radio Alert maximizes the value of your school's existing technology investment by integrating the strengths of video management software with the reliability of two-way radio communications. With Radio Alert your entire staff stays connected, in the know, and better able to proactively protect students and property.

Avigilon Control Center senses unusual motion, activity or access control event

Alert is instantly issued to MOTOTRBO radios via text or voice-to-text

Users immediately receive the alert, acknowledge and respond

KEEPING SCHOOLS SAFE
SEAMLESS CONNECTED COMMUNICATION. ADVANCED AI AND VIDEO ANALYTICS.

Our education safety solutions help you protect what matters most, with real-time visibility, more effective access control, and dynamic alerting to potential incidents.

The result? Greater threat detection and prevention. Critical intelligence when each second counts. Increased operational efficiency. And the peace of mind that comes with knowing you've employed the most advanced tools available to keep students, faculty and staff safe.

With Radio alert, it's all within reach.

See how Radio Alert can provide you with greater visibility, connectivity, and peace of mind.
Visit **MotorolaSolutions.com/RadioAlert** to learn more.

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