

Sense: Video and audio analytics
With built-in AI, cameras act as sensors to alert to risks

Alert: SIP–based alerts and audio notifications
High-efficiency IP horn loudspeakers provide excellent high-quality speech reproduction

Respond: Radio dispatch and app–based alerts
Intelligently notify the appropriate authorities

Fortify: Intrusion & access control
Scalable solutions increase catch performance and reduce false alarms

Engage: Commercial, professional audio and SIP phone integration
Complete range suitable for speech and music in any application

Create a SAFER learning environment

Sense: Detect something is happening

Alert: Notify the right people

Fortify: Activate fortification systems automatically

Engage: Target communications to mitigate threats

Respond: Empower responders with information and communications

BOSCH

Electro-Voice

TELEX

Integrated security and communications solutions

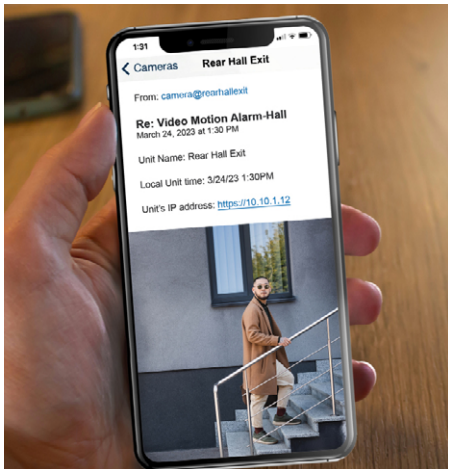
Fostering a nurturing environment for students promotes learning in schools and on campuses. Technology-based security and safety solutions help mitigate risks and increase operational efficiency, while preserving a welcoming atmosphere that is essential to student and staff performance. The SAFER approach uses integrated solutions to increase security, enable faster responses to potential risks, and promote a sense of safety among the school or campus community.

Sense

Using artificial intelligence (AI) built-in to Bosch video cameras, school security or facilities staff can detect suspicious activity or unsafe conditions to deter risks or other critical situations before they become a problem. With AI-driven video analytics, Bosch intelligent security cameras help detect unsafe behavior or actions, such as crowd formations, persons lying on the ground, vehicles parked in fire lanes or bus loops, or other restricted areas, and more. With the new Gun Detection System, Bosch is the first to pair video and audio AI to prioritize proactive security and safety in incidents involving guns. When a person brandishing a gun approaches a building, the system is designed to promptly alert personnel who can verify the gun and take proactive measures. If a gun is not visually detected, audio AI, the second layer, is designed to detect and classify gunshots precisely while accurately estimating the direction from which the sound originates.

Alert

Integrating video security cameras with the intrusion detection system enables video analytic alerts to trigger notifications to the appropriate staff. For example, the cameras can reliably detect a person attempting to gain access or loitering near locked doors, triggering an alert and sending a text message with an image to administrators or resource officers.



Fortify

Utilize the intrusion system to monitor doors to ensure they are not propped open for unauthorized entry – even when the system is disarmed. With an integrated system, a door left open for longer than a pre-defined time can initiate a text alert to staff, while displaying video of the door from a nearby surveillance camera on the appropriate staff member's workstation or mobile device.

When an event occurs, school or campus staff can initiate fortification actions automatically. For example, access control systems with programmable threat levels ensure that safety measures or restrictions can be implemented quickly in critical situations. Different threat levels enable unlocking or locking all doors or opening some while locking others.



Engage

Loudspeakers integrated with a video system enables video analytics to trigger automated messages to play on nearby loudspeakers for immediate audio intervention to security or safety risks. Security personnel can also speak directly to individuals informing them that their actions are being monitored.

Respond

To ensure fast and accurate responses to security or safety risks, intrusion system alarms or video analytic alerts can automatically trigger a message to play over security or facility staff's two-way radios to alert to a possible issue. With the ability for audio or video information to be shared externally, school or campus staff can also notify the appropriate authorities and provide vital information during an incident.

Bosch integrated solutions combine video surveillance, intrusion detection, access control, and communications technology to improve security and safety while minimizing the complexity of operations – enhancing student, teacher, and staff outcomes in educational facilities.