

WHERE INNOVATION MEETS PROTECTION

Discover how integrated security solutions create a layered approach to safeguard students, teachers, staff, and property.



Honeywell

PROTECTING OUR SCHOOLS AND CAMPUSES

Creating a safe learning environment is a top priority for educational institutions. From elementary schools to sprawling university campuses, the need for proactive, adaptable security strategies has never been greater. As threats evolve and expectations for safety rise, decision-makers and specifiers must look beyond standalone solutions.

Layered security is a comprehensive approach that integrates multiple technologies—each reinforcing the other—to create a more resilient and responsive security posture. Unlike siloed systems, a layered strategy ensures that all components work together to detect, deter, and respond to threats in real time.

THE CASE FOR LAYERED SECURITY

Traditional security measures such as cameras or locks are important, but when used in isolation, they can potentially leave gaps. A layered security approach addresses these limitations by utilizing a strong access control system that combines core technologies like video surveillance, analytics, and emergency response into a unified system.

- Standalone systems often lack coordination, leading to slower response times and blind spots.
- Integrated systems enable real-time communication between components, improving situational awareness, and decision-making.
- Layered security enhances threat detection, supports faster response, and provides a more complete picture of campus activity.

CORE COMPONENTS OF A LAYERED SECURITY SYSTEM



Access Control: Securing Entry and Exit

At the heart of a layered security strategy is access control, managing who belongs where and preventing unauthorized access while tracking authorized access. In elementary and high schools, it ensures that only approved individuals enter through main doors, tracks late arrivals, and manages visitor access. For higher education, it secures dormitories, research labs, and administrative buildings where sensitive data and student safety intersect.



Video Surveillance: The Watchful Eyes

Video surveillance plays a pivotal role in any security solution, acting as the watchful eyes of the institution. In a K-12 setting, cameras monitor entrances, playgrounds, and hallways, helping staff quickly identify intruders or verify suspicious behavior near school grounds. On a university campus, surveillance extends to lecture halls, parking lots, and public event spaces, offering real-time visibility across sprawling environments.



Analytics: Proactive Anomaly Detection

Analytics bring intelligence to the system, proactively identifying anomalies before they escalate. In K-12 schools, this might mean detecting loitering near exits or spotting unattended backpacks. On college campuses, analytics can flag unauthorized vehicles or unusual activity near restricted zones. These insights trigger real-time alerts, empowering security teams to intervene before incidents unfold.



Emergency Response: Swift and Coordinated Actions

When emergencies arise, swift and coordinated response is critical. Automated lockdowns and mass notifications help protect students and staff during active threats in K-12 environments, while universities benefit from cross-departmental communication that mobilizes resources instantly. Whether it's a security breach at a high school or a campus-wide emergency at a university, emergency systems ensure that first responders are alerted and granted priority access.



System Maintenance: Sustaining Security Integrity

System maintenance sustains the integrity of the entire security ecosystem. Routine checks in schools confirm that every camera and sensor is operational, while higher education institutions rely on automated diagnostics and reporting to maintain compliance and audit readiness. Dashboards provide a clear view of system health, allowing administrators to schedule proactive maintenance and avoid costly downtime.

PRIORITIZING EDUCATIONAL NEED

Every school and campus is different. Honeywell works closely with educational institutions to tailor security solutions that meet their specific needs.

- **Customized Planning:** Solutions are designed to address the unique challenges of both K-12 and higher education environments.
- **User-Friendly Systems:** Intuitive interfaces and mobile access make it easy for staff to manage security without specialized training.
- **Flexible Budgeting:** Scalable solutions allow institutions to start small and expand over time, aligning with funding cycles and priorities.

COMPLIANCE AND REPORTING

Honeywell's security solutions help schools and campuses comply with industry regulations and reduce risks and costs of associated with non-compliance. Additionally, our systems enhance data privacy by utilizing Selective Masking to protect sensitive information, in turn avoiding fines associated with data breaches.

PRODUCT/SOLUTION QUICK REFERENCE

| INTEGRATED ACCESS CONTROL SOLUTIONS | |
|-------------------------------------|---|
| LenelS2 NetBox | Full-featured, browser-based plug-and-play security management system for on-premises and hybrid operations |
| LenelS2 OnGuard | Leading global enterprise-grade access control platform to control access to critical areas for on-premises and hybrid operations |
| LenelS2 Elements | Native cloud-based access control solution for flexible and scalable security management |
| Pro-Watch Integrated Security Suite | Access control software designed to meet the complete security needs of an enterprise, from access and intrusion management to video surveillance |
| BlueDiamond Readers | Advanced access control readers for secure entry with mobile credential solution, including NFC/mobile wallet |
| Sine | Facilitate secure location visitors with host notifications |
| Gunshot detection | Uses sensors from EAGL Technologies to analyze any firearm discharge, identify the weapon, pinpoint the location and alert security and first responders or use mass notification systems to alert building occupants during critical incidents |
| One-button lockdown | Lockdown activation to swiftly secure campuses in an emergency situation, while enabling seamless access for first responders |
| Third-party technology integrations | Extend your security system's capabilities with easy third-party integrations |
| VIDEO SURVEILLANCE SOLUTIONS | |
| MAXPRO VMS | Video management system for integrating and managing video surveillance |
| Milestone XProtect VMS | Seamless integration with Honeywell access control to connect your cameras, sensors, analytics, and sites in one easy-to manage platform. |
| NDAA Compliant Cameras | High-quality video surveillance systems compliant with NDAA standards |
| UNIFIED INTERFACE | |
| Integrated Operations Platform | Integrate multiple domains including building management systems, fire and life safety, security and third-party systems and equipment in an open, IoT platform. Manage complex critical infrastructure using map-based navigation that makes critical information easier to access, and incident workflows support standard operating procedures (SOPs) for more efficient responses |

BUILDING A SECURE AND ADAPTIVE EDUCATIONAL ENVIRONMENT

A layered security approach offers more than protection—it builds confidence, resilience, and peace of mind. By integrating technologies that work together, educational institutions can better safeguard their communities and respond to threats with speed and precision.

Honeywell is proud to partner with schools and universities to design and deliver security systems that are smart, scalable, and built for the future of education.

For more information

<https://buildings.honeywell.com/us/en/lp/education-lifesafety-and-security>

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