DOME™ BY Veridify Security

Cybersecurity for K-12 and Post-Secondary Facilities – Protecting Students, Staff, Equipment, and Operations

Key Benefits of DOME

- Device-level cybersecurity purpose-built for protecting building controls
- Real-time protection stops cyber attacks
- Easy to deploy - no IT / cyber skills needed
- Protects critical facility operations to the edge of the building's network
- Immediate protection in under 60 seconds – saving time and money

Cybersecurity Challenges for K-12 and Higher Education Facilities

Building management for K-12 schools and universities are becoming smarter and more efficient by connecting their Operational Technology (OT) devices and networks to their IT networks and the Internet. With this connectivity comes increased exposure to cyberattacks that can result in the theft of student data, cripple a building automation system, or even close an entire campus. These attacks can create health and safety issues for students and workers, impact classroom operations, damage capital equipment, and create financial losses. Unprotected Building Management Systems can give hackers access to valuable data on connected IT networks or even be used to hold a school 'hostage' in return for a ransom. Cybersecurity monitoring solutions are important in educational facilities, but do not stop cyberattacks. The controllers and devices must be protected in real-time to safeguard the data and commands used to manage facility operations.

Real-Time Cybersecurity for Every Building Automation Device

Veridify's DOME™, developed with the support of our partners Intel and AWS, provides a cost-effective way to secure and manage every new or existing building automation device in a school building, entire campus, or multi-site school district. In addition, DOME is 100% NIST Zero Trust compliant, delivering authentication and data protection to the edge of a facility network running typical building control protocols. DOME stops cyberattacks before they happen.

DOME is a Software-as-a-Service (SaaS) solution. Its 'zero-touch' installation program automates the difficult task of correctly installing new devices in your network that require special security programming - saving time and money while avoiding expensive mistakes. DOME is a cost-effective platform that does not replace or compete with your currently installed building automation equipment. Instead, it complements it with the industry's leading security technology.

Secure Every OT/IoT Device in a Building and Create a Trusted Environment

DOME can secure thousands of connected devices, including HVAC controls, lighting systems, access controls, security cameras, elevators, and life safety systems often found in schools or multi-building campuses. It cost-effectively ensures every device in your facility can be installed and managed with the security necessary to create a safe and trusted environment.

DOME provides real-time cybersecurity protection for all connected devices, preventing cyber-attacks by creating a Zero Trust environment in which all devices are authenticated, and communications are encrypted.

Protection for Existing Building Systems

DOME can also protect your current buildings and their legacy systems, saving time and money while delivering the most advanced security available. Our retrofit solution provides DOME's real-time protection without the need to alter or replace your current building management system.

Protect your students, employees, assets, and buildings with DOME's cost-effective cyber protection. Contact Veridify Security or your System Integrator to learn how to protect all the devices running your building.

Cyberattacks Cost Time and Money

- 20% of educational institutions have been targeted by cyber criminals (Sysgroup)
- The loss of learning following a cyberattack ranged from 3 days to 3 weeks, and recovery time ranged from 2 to 9 months. (US GAO)
- Monetary losses to school districts range from $50,000 to over $1 million due to expenses caused by a cyber incident. (US GAO)

East to Get Started

It is easy to manage your building's OT security with our hosted platform, DOME-enabled devices, and retrofit solutions that can be cost-effectively integrated with your current Industrial Automation system.

Our experts will provide an initial security consultation and show you how DOME can secure every connected device in your building and create a trusted environment.

To learn more, contact us at:

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intel partner
Titanium

aws partner network
Advanced Technology Partner

Veridify Security
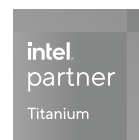
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