



# Zero Trust Cybersecurity Protection for Government Facilities

## Protecting Missions, Buildings Systems/Data, and Personnel



### Key Benefits of DOME

- Device-level ICS / OT security purpose-built for protecting building controls
- Real-time protection stops cyber attacks
- Easy to deploy – reduces demand on IT / Cyber resources
- Protects critical facility operations to the edge of the building / IoT / OT network
- Immediate protection in under 60 seconds – saving time and money
- Flexible and scalable hardware designed for easy upgrades and expansion of coverage

### Cybersecurity Challenges for Government Facility Managers

Buildings are becoming smarter and more efficient by connecting their Operational Technology (OT) networks to their IT networks and the Internet. With this connectivity comes increased exposure to cyberattacks that can cripple an HVAC system, impair a Smart Lighting platform, or even close an entire building. These attacks can threaten the life, safety, and health of federal personnel, compromise the safe occupancy of facilities, and jeopardize the critical mission of defense and federal agencies.

Unprotected OT networks can give hackers access to valuable data on connected IT networks or even be used to hold missions 'hostage' in return for a ransom. Cybersecurity monitoring solutions are important in protecting federal facilities, but it is not enough. The controllers and devices need to be protected in real-time – authenticating who they are talking to and safeguarding the data and commands used to manage a building. How ready are you to identify risk, protect assets, and detect breaches?

### Real-Time Security for Every Building Device

Veridify's DOME™, developed with the support of our partners Intel and AWS, provides a cost-effective way to secure and manage every building automation device, not just controllers, in a new or existing commercial structure. In addition, DOME delivers authentication and data protection to the edge of a building's network for today's most popular communication protocols like BACnet.

DOME is a Software-as-a-Service (SaaS) solution that creates a secure data tunnel over your existing platform, authenticating every device, user, and command while encrypting and protecting your data from the outside world. Its 'zero-touch' installation program automates the difficult task of correctly installing new devices in your building 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 solution. Instead, it complements it with the industry's leading security technology.

## Secure Every Device in a Building and Create a Trusted Environment

DOME can secure thousands of connected devices, from thermostats and lighting systems, to air handlers and parking access controls often found on federal installations and buildings. 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.



*Buildings are becoming more intelligent through the connection of many different systems, including BACs, BMSs, access controls, environmental, and IoT networks, as shown in the diagram above. This growing connectivity can create critical security exposures capable of generating occupant safety, financial, and reputational risks. Zero trust architectures must be adopted for the operational technologies in mission critical facilities and assets.*

## 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.

Critical building systems cannot be left vulnerable at a time when cyber threats from Nation States and other bad actors are targeting the controls in national infrastructure and facilities.

Protect your tenants, buildings, and assets 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, Money, Mission

- Government facilities were the third largest critical infrastructure sector targeted by ransomware attacks in 2023 (FBI Internet Crime Report 2023)
- Cyber incidents targeting government agencies nearly doubled from early 2023 to late 2023 (Statista)
- The average cost of a data breach reached a new high in 2023 at almost \$4.5M (IBM Cost of Data Breach, 2023)

## Free Security Consultation

Our experts will provide an initial security consultation and show you how DOME can be used to secure every connected device in your building and create a trusted environment. Contact us at [info@veridify.com](mailto:info@veridify.com)

## Easy to Get Started

It is easy to manage your building's security with our hosted platform, DOME-enabled devices, and retrofit solutions that can be cost-effectively integrated with your current Building Automation system. To learn more, contact us at [dome@veridify.com](mailto:dome@veridify.com)

