DOME™ BY Veridify Security

Cybersecurity Protection for Your Building Automation Products

Solve Your Customers Cybersecurity Challenges with a Scalable, Easy to Integrate Platform

As buildings become smarter and more connected, they have increased their exposure to cyberattacks that can wreak havoc for the building's operations and tenants.

These cyberthreats are real and growing in the smart building space. According to a recent Tripwire and Dimensional Research survey of cybersecurity professionals, 99% of respondents face challenges securing their connected devices, and 88% report they do not have adequate resources to overcome these challenges. To address these daily cyber challenges, buildings need real-time protection.

Veridify's DOME™ SaaS solution provides a scalable cybersecurity software platform that easily integrates to an OEM's products, delivering a cost-effective way to immediately protect and manage every connected device in a new or existing smart building.

Differentiate Your Offering with Real-Time Security

DOME, developed with the support of our partners Intel and AWS, is a complete Software-as-a-Service (SaaS) system that secures an OEM's device from its birth to end of life. DOME creates a root of trust, managed in a blockchain, that allows a device to authenticate its ownership in any environment to provide a cost-effective security and management framework.

Our solution is platform agnostic and can run over your customers' existing BACnet installation, making it easy and cost-effective to authenticate every device, user, and command while encrypting and protecting the building's data from the outside world. Plus, DOME's 'zero-touch' provisioning saves your system integrators time and money. It helps them avoid expensive manual mistakes by automating the challenging task of correctly installing new devices in a building requiring digital certificates and key provisioning.

DOME software libraries can be embedded to secure the thousands of connected OEM devices often found in a building from thermostats, to lighting systems, air handlers, parking access systems, and more.

Our Solution is in Software for Easy Implementation

The DOME solution consists of software libraries and services that are easy to integrate into your product offerings. Plus, Veridify provides the engineering and security expertise to support your engineers and product managers. DOME is a cost-effective platform that does not replace or compete with currently installed building automation systems. Instead, it complements them with the industry's leading security technology.

Retrofit Security to Already Installed Devices

DOME's Sentry solution can protect your customer's currently installed devices and legacy systems, saving time and money while delivering the most advanced security available. DOME Sentry is a security gateway can sit in front of one or more installed devices or controllers, and deliver authentication and data protection functions similar to a new DOME-enabled device. Our retrofit solution provides DOME's real-time protection without the need for your customers to alter or replace their current building management system.

Cyberattacks Cost Time and Money

- A recent Honeywell survey found that improving cybersecurity for buildings and OT networks ranks as a top priority for facility managers over the next 12 to 18 months. This concern is because 1 in 4 respondents reported a cyber breach of their OT network in the last 12 months!

- Between 2019-20, ransomware attacks in North America rose by 158%, according to SonicWall's 2021 report

Benefits of DOME for Device Manufacturers

- Easy to integrate software libraries that provide real-time cybersecurity protection

- Blockchain credentials for every device making firmware updates and your supply chain secure

- DOME does not require a persistent cloud connection, avoiding another point of attack

- Low-cost licensing with associated new revenue opportunities

- Zero-touch provisioning delivers time and cost savings and helps avoid expensive installation mistakes

- Supports BACnet/IP, MSTP, and provisioning for BACnet/SC

- Provides security differentiation on your products for new and existing building installations

Easy to Get Started

Call for a free security consultation with our experts and let them show you how DOME can cost-effectively secure your connected devices and provide real-time protection. Contact us at dome@veridify.com to book your consultation.

Veridify Security

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