



Cybersecurity for Buildings

Case Study

Manhattan Office Building



DOME™ Cybersecurity Solution

DOME is a SaaS-based cybersecurity solution for buildings that:

- Secures every device in a building and creates a trusted environment
- Enables cyber protection to the edge of the network for building automation systems and operational technology
- Provides real-time protection and prevents attempted cyber-attacks from impacting the network and devices
- Reduces the cyber attack surface by requiring all devices to be authenticated
- Retrofits easily into existing networks and supports legacy devices
- Supports secure firmware updates ensuring on-going device integrity

To learn how DOME can make your building cyber-safe, visit www.veridify.com/building-automation or call us today at: **1-888-272-1977**

Situation

A 32-story office building in downtown Manhattan experienced a costly cyber-attack on their HVAC network. The repairs required multiple days for system recovery, prompting the building owners to find a way to better secure their building. The building runs a typical commercial HVAC system that lacks any real security measures to prevent another attack.

Solution

The office building installed DOME – a device-level cybersecurity solution developed with our partners Intel and AWS. The solution included DOME's Interface Appliance management software, running on a KMC Commander, and a number of DOME Senties – a low-cost security gateway – in front of key BACnet/IP points on the buildings' network.

Result

DOME created a secure tunnel over the existing BACnet/IP network, authenticated all end points (Zero Trust) and encrypts all traffic to protect sensitive data. By using the DOME Sentry, no additional hardware or upgrades to the building's systems were necessary and the implementation was completed while the building was fully occupied.

