

## Use Case

# Stop Broadcast Storms Caused by Your Building Automation Systems

Identity-Defined Networking: Instant Overlay Networking

## The Networking Challenges

Technologies for building automation (such as BACnet) span a broad range of systems—from environmental controls and fire suppression to sensors and IP cameras. The challenge is that traditional IT security technologies are too complex to implement and maintain for these systems.

On top of increased network complexity and a larger attack surface, organizations also face BACnet broadcast storms that can cripple network performance. Though BACnet traffic is low bandwidth, it often creates issues on IP networks due to very high signal-to-noise ratios and interference that can disrupt other IP traffic on the network. These 'BACnet storms' can happen without warning and cause significant problems for IT and networking administrators.

## One Simple Solution

With true peer-to-peer secure networking for any device, organizations have a more secure and simpler solution than any alternative for connecting building control systems. It's now easier than ever before to streamline operational and information technology (OT / IT) convergence and deliver secure and segmented connectivity for systems (incl. systems running BACnet) over any IP network, anywhere in the world. Now you can easily eliminate BACnet storms from your network.

## A Better Networking Solution

- Securely connect and segment BACnet systems and other smart building technologies
- Provide secure contractor access to specific devices on the network
- Significantly reduce total available attack surface
- Support and protect legacy devices

Decrease IT CapEx and OpEx costs as much as:

**50%**

Reduce networking & resource provisioning time up to:

**97%**

Reduce attack surface by up to:

**90%**



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