Secure connectivity for building automation systems
Rapidly connect and segment any device, anywhere in the world

THE PROBLEMS HOLDING YOUR BUSINESS BACK

While the push towards smart cities and buildings has the promise of unlocking tremendous value, it also introduces significant networking and security challenges. Most commercial, institutional, and industrial buildings today are outfitted with legacy and modern building automation systems, which typically involve a broad variety of unconventional endpoints and protocols. These systems may not be compatible with traditional IP-based networking solutions nor effectively scale, like devices running BACnet, for example.

To achieve connectivity and segmentation today, organizations commonly use a mix of firewall rules, Access Control Lists, VLANs, VPNs, and other technologies, which create complex overhead and are limited in the device types and machines they can connect. In addition, connecting building automation systems can pose major security risks to the broader organization by opening up new network attack vectors. It's risky to prioritize system and device connectivity over cyber security, but it's a common practice today.

IDENTITY-DEFINED NETWORKING (IDN): THE WAY FORWARD

With our Identity-Defined Networking solution, your building automation systems can now be securely connected across separate networks, while completely isolated from everything else. With a modern networking architecture based on cryptographic identities, it's now easier than ever to assign identity to all your hosts and devices, and centrally manage trust relationships at scale. Our comprehensive platform spans all types of environments and connectivity mediums, making it simple and seamless to connect, revoke, move, segment or failover any device or IP resource.

Significantly reduce your CapEx and OpEx by automating segmentation and network policies, while eliminating unnecessary spend on manual, error-prone tools and technologies. And, since IDN is secure by default, your network attack surface disappears.

WHAT DOES THIS MEAN FOR YOU?

Simple
Rapid 3-click network provisioning & revocation

Flexible
Global connectivity & mobility for any device

Secure
Safeguard assets with unbreakable segmentation & cloaking

To learn more about how Tempered Networks can be the solution for you, **request a demo today!**