

# Unbreakable micro-segmentation for any host, network, or service

Rapidly connect and segment any device, anywhere in the world

## THE PROBLEMS HOLDING YOUR BUSINESS BACK

With the increased sophistication of attacks that bypass traditional perimeter defenses, organizations are focusing on protecting their flat internal network, making sure east-west traffic is securely segmented. While network segmentation is a security best practice, created by firewalls or VLANs inside the data center, many IT practitioners avoid it. Why? Until now, segmentation tools have been way too complex and rigid, introducing more IT hurdles.

An additional security concern is that security stops at the edge of the network, not at the individual host or service. Connections are secure until they get to the edge of the network, then a patchwork of VLANs, Access Control Lists, routing rules, firewall policies, and other technologies are used. Not only is this complex and tedious to maintain, it's not scalable and prone to human error, and weakens your organization's security posture.

## IDENTITY-DEFINED NETWORKING (IDN): THE WAY FORWARD

IDN solves the problem of secure segmentation with a modern networking architecture based on cryptographic identities. Now you can apply a defense in depth strategy that reduces risk across your organization. By seamlessly moving to an identity-first architecture with provable host identities, you can build trusted overlay networks with unbreakable segmentation. IDN provides encrypted host-to-host communications, which makes it simple to securely connect and segment thousands of devices or a single device for a perimeter of one.

Significantly reduce your CapEx and OpEx by automating segmentation and network policies, while eliminating unnecessary spend on manual, error-prone tools. 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!