



June 2016

POC: George Finnerty, g.finnerty@temperednetworks.com Cell: 484.574.0295
DUNS: 012492159 Cage Code: 7DKN2

Subject: Securing Medical Devices and the Internet of Things

Tempered Networks delivers a purpose-built solution to remedy the widely known security flaws of TCP/IP communications, which are the primary cause of most security and networking challenges virtually all organizations struggle with today. Our breakthrough IDN platform offers a better approach to networking and security by providing proactive and built-in security – shifting the network trust model from spoofable IP addresses to embedded cryptographic identities.

Relevant areas applicable to Healthcare Providers

1. The Tempered solution is an inline solution (either hardware or software) and would not require installation on the target medical or IOT device.
2. Tempered Networks hardware can communicate over a variety of ways including Ethernet, WiFi or Cellular.
3. Tempered Networks supports enterprise scale deployments.
4. Tempered Networks does not disrupt the underlying network topology in use at the VA.
5. Latency is minimal.
6. Centralized management is provided via the Conductor

[Tempered Networks](#), delivers IP security platform targeted at simplifying the process of securing IoT endpoints regardless of whether they are dedicated devices, running on Windows, or in the cloud. The Tempered solution, called Identity-Defined Network (IDN) Fabric, is enabled through [Host Identity Protocol](#) (HIP), which changes the way IP networks operate.

IP is built on the premise that everything should talk to everything, and then security gets layered on top and provisioned node by node. This means each additional device makes the security equation increasingly complex. HIP, on the other hand, is built on the assumption that nothing connects to anything and has security baked into it. Then IT can provision trust maps to enable devices that need to talk to each other to do so.

IDENTITY-DEFINED NETWORKING™

Trust Your Network with Built-in Security

Problem we solve

As enterprises continue to connect a wide variety of systems and devices onto their networks, keeping up with security policies, change management requests, etc., quickly outpaces IT staff's bandwidth. Connecting, securing and maintaining this changing environment using traditional network and security products is extremely costly and ineffective, with ongoing breaches -- an automated approach is required.

Identity-Defined Networking™

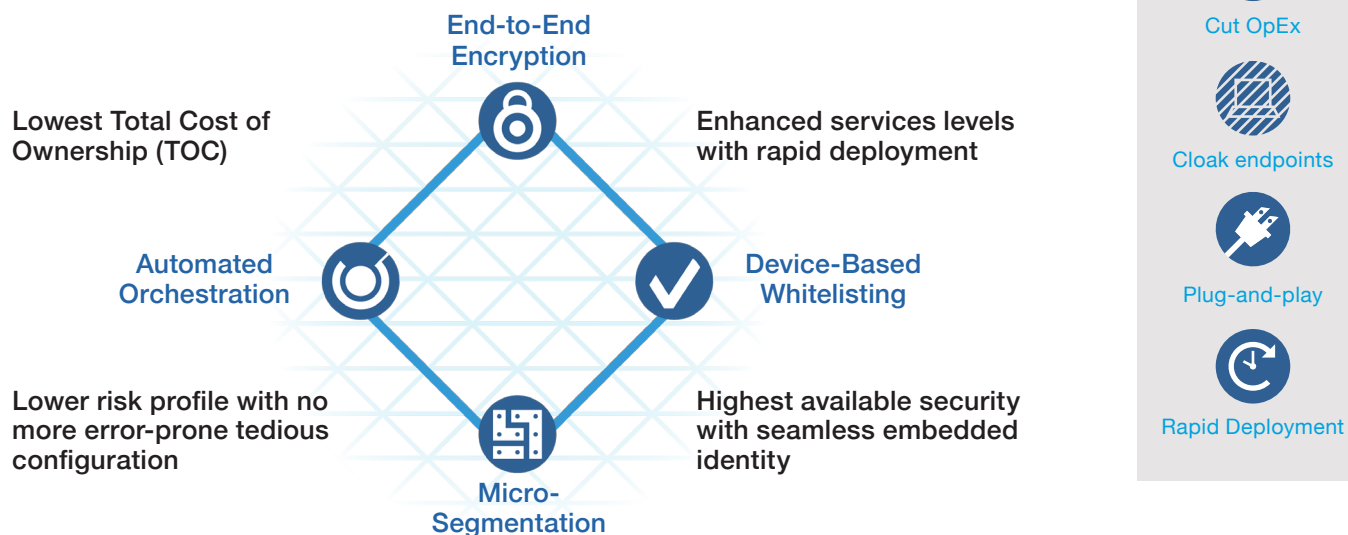
Tempered Networks is introducing a purpose-built solution to remedy the widely known security flaws of TCP/IP communications, which are the primary cause of most security and networking challenges virtually all organizations struggle with today. Our breakthrough IDN platform offers a better approach to networking and security by providing proactive and built-in security – shifting the network trust model from spoofable IP addresses to embedded cryptographic identities. Our next-generation platform:

- Frees IT staff from the operational risks and inefficiencies that come with deploying VLANs, ACLs, VPN, firewall rules, etc., for every device and application
- Provides end-to-end encrypted overlay networks, enabling rapid micro-segmentation for thousands of serial or IP-enabled devices across physical, virtual and cloud environments

The Cure to IT Complexity

The Conductor with its SimpleConnect™ API sets the bar for effortless and automated centralized orchestration, with an intuitive UI that dramatically reduces management complexity and risk for errors.

- **Single-pane-of-glass management:** Intuitive drag-n-drop UI is error free
- **Rapid 3-click network design:** Reduces OpEx as much as 90%
- **Centralized governance; delegated control:** Easily provision/manage hundreds of overlay networks
- **SimpleConnect™ RESTful API:** Facilitates automated integration with 3rd party networking tools



The Challenges



Increasing device connectivity



Growing network attack surface



Constrained IT resources



Current technologies are inadequate

The Benefits



Cut OpEx



Cloak endpoints



Plug-and-play



Rapid Deployment

Who is Tempered Networks?

Provider of technology solutions for secure networking
Established team of industry veterans, including founder of F5 Networks
Technology developed for Fortune 50, in production > 10 years;
Recently commercialized

Awards & Recognition

SC Magazine: 2014, 2015 Security Innovator
CRN: 25 Coolest Security Vendors
CyberSecurity 500: World's Hottest Security Companies

To learn more, email sales@temperednetworks.com,
call 206.452.5500, or visit temperednetworks.com.

