

# Network Security Orchestration

## *Cloud-Managed Security Compliance Automation*

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### The IT Security Challenge

Today's networks are dynamic, changing with each device accessing it. As endpoints enter and leave the network, the threat landscape changes – and IT departments face the challenge of keeping pace.

It is widely recognized that the majority of incidents are deemed avoidable (97%)<sup>1</sup>, although many may be extremely difficult in practice. What's interesting to note is that while many of solutions in place today are focused on external attacks, 70% of all incidents are actually internally sourced.<sup>2</sup>

Business-critical resources are at their most vulnerable—more than 37 percent of data breaches are the result of unauthorized network access.<sup>3</sup> Several recent high-profile retail industry security events were attributed to compromised vendors or lack of automated policy enforcement of untrusted devices. Each unknown personal or Internet of Things (IoT) device attempting access to your network represents yet another opportunity for invasion, compromise, and business news headlines.

### Identify, Secure, Orchestrate

SafeConnect is an essential network security solution for protecting your critical data and intellectual property, combining the real-time visibility, security and orchestration required to address regulatory compliance and security policy automation. SafeConnect is delivered as a Cloud-Managed Service that relieves the organization of costly technical support related to proactive monitoring, maintenance, and upgrades.

SafeConnect automates your security policies— from assessing compliance with security policies to determining if a specific application is running on a device while it is on the network.

Other features include the following:

- Real-time agentless device identification of endpoints and user authentication prevents unauthorized devices and users from accessing critical network resources
- Dynamic identity-based network and application access assignment based on the role a user plays at your organization
- Guest self-enrollment and automated verification, including guest access profile options and approval policies
- Self-guided remediation allows users to conform to security policies without help desk support

### Regulatory Compliance

All core IT regulatory compliance standards revolve around understanding who and what is on your network, where and when they have access, and the ability to automate and control access to sensitive data. SafeConnect helps you achieve that control, create frameworks of accountability and mitigate vulnerabilities – ensuring your compliance at audit time.

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<sup>1</sup> 2016 OTA Data Protection & Breach Readiness Guide, [otalliance.org/resources/data-breach-protection](http://otalliance.org/resources/data-breach-protection)

<sup>2</sup> 2016 Ponemon Cost of Data Breach Study, [www-03.ibm.com/](http://www-03.ibm.com/)

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Sarbanes Oxley (SOX). Affirm a framework of controls to support accountability and integrity around financial reporting, documentation and enforcement processes.

- Payment Card Industry Data Security Standard (PCI DSS). Identify every user and device on all portions of your network (wired and wireless), and comply with eight specific PCI DSS requirements.
- Health Insurance Portability and Accountability Act (HIPAA). Control access to the network, safeguard electronic protected health information (EPHI), and create and enforce information security policies.
- Gramm-Leach-Bliley Act (GLBA). Prove access to your data is tightly controlled and highly secured.

## Experience Service Like Never Before

The *Impulse Experience* is the result of our real-time contextual intelligence, simplified access control architecture, US based remote managed deployment and support services, and customer-centric business philosophy that delivers freedom to all facets of the organization. It's not just one thing we do, it's everything.

In addition to its simplified network access control architecture and enhanced user experience design, a key unique customer benefit is how the SafeConnect solution is delivered and supported as compared with other NAC vendor alternatives.

**Installation:** The SafeConnect solution is premise based and delivered to the customer commonly as a VMware or Hyper-V virtual appliance, but hardware is also available for an additional cost. A single SafeConnect instance supports up to 30,000 concurrent endpoints but the system can be scaled with additional nodes to over 150,000 concurrent endpoints.

**Integration:** The installation of SafeConnect requires minimal technical resources. In short, the system simply needs to be downloaded and deployed within your VMware or Hyper-V environment, or the hardware needs to be installed in a rack and powered on. Once that is completed, an Impulse Engineer will work remotely with the customer through our 5-step implementation process. This includes integrating

with your network infrastructure, establishing communications with your directory services with self-service scripts and guides, and any other security integrations for Contextual Intelligence like a SIEM or NGFW.

**Implementation:** An Impulse Engineer will work with you remotely on policy creation and implementation. You will be guided through the deployment process with recommendations and direction. This includes branding, hands-on and video training, and best practices so that you will have a fully functional solution including a communication plan to your users.

**Support:** SafeConnect is supported by the industry's only comprehensive managed support services offering. Impulse will provide continuous, around-the-clock (24x7x365) proactive monitoring and support. The Impulse Support team owns the responsibility of determining the problem including owning any updates, configuration changes or actions required for resolution.

Impulse will also provide consultative "how to" support services.

**Update:** Daily system updates for device profiles and OS/AV fingerprints, as well as policy configuration backups are included. In a world where users change and update their devices on a frequent basis, it is imperative that the security solution keeps ahead of these changes. When new versions are available, or maintenance updates are required, Impulse will proactively notify you and will perform the update, for as long as you remain under an annual maintenance agreement.



**Impulse | A SafeConnect Network is a Secure Network** Impulse is the leading provider of Secure Access for traditional networks as well as remote and cloud access. Impulse securely and efficiently automates this access for organizations of all sizes and needs by combining our simplified access control architecture, remote managed support services, and customer-centric business philosophy to enable customer and IT security freedom. Our customers know this as the Impulse Experience. Visit [www.impulse.com](http://www.impulse.com)