

SOLUTION BRIEF

# Network Access Control Management



Portnox product offering is accurate because it sees all devices in the network in real time, all the time. It provides unique solutions for seeing, controlling and managing the dramatically increasing numbers and types of devices accessing networks every day.

## The Challenge

As the connected world is evolving and new technologies emerge each day, so do the associated security threats. More devices join the corporate network from PCs, tablets and smart phones to industrial controls, virtualized servers, wireless access points and cloud-based applications. And, without a doubt, the scope of device-related challenges is expanding with BYOD, IoT, and hacker sophistication continue to make gains.

As a CISO of your organization or a security manager, you have to know whether the devices and systems attempting to access your network, or already connected, are meeting your organization's security standards. You also want to know that the solution you are about to deploy is easy to integrate, deploy, simple to manage that the information obtained reflects reality in real time – all the time. How confident are you that you can see all these devices in your network and manage these threats before they wreak havoc on your network?

## The Solution

Portnox solutions offer comprehensive Network Access Management (NAM) capabilities and more. It is built from the ground up to help organizations remain secure and leverage value from the increasingly hyper-connected enterprise. Portnox's technology provides organizations with the visibility and appropriate network access management and control capabilities across any user, on any device, and in any location. Portnox provides two product offerings that deliver similar capabilities, but via two different deployment approaches: Portnox CORE (on-premise) and Portnox CLEAR (cloud). It is also possible to deploy a hybrid of the two solutions, based on your specific needs.

### All Networks

Portnox product offerings traverses all networking layers – Ethernet, wireless, virtual, VPN and even the cloud to illuminate, visualize, analyze and control all connected users and devices. It speaks directly and natively with all existing switches, wireless access controllers, routers and firewalls to get a complete, 100% accurate view of all devices currently connected to the network. Nothing can hide.

Being a software only solution, no appliances are needed and no changes to networking infrastructure such as port mirroring or network taps are required. It scales easily across the enterprise and delivers the highest levels of accuracy and control.

## HOW IS PORTNOX DIFFERENT?

100%	0%
All Devices	No Appliances
All Networks	No Agents
All Locations	No Changes

*“We selected Portnox...to allow for seamless access... while ensuring we have the proper security in place to block potential hacks or unauthorized users”*

*– Sean Reddington,  
CIO, OrthoIndy*

### All Devices

Instead of using agent software, Portnox Technology communicates natively with the connected devices to validate their type, compliance and identity. Taking accuracy, a step further, it even communicates with user-driven devices such as IoT, BYOD, Mobile and managed devices, to identify the user currently using the device.

Every decision Portnox products make factors in the Device, Network and Identity (DNI). It even looks at a user or device's prior behavior just like a 'credit score' to ensure that only the right devices are allowed into the right segments of the network.

### All Locations

It's time to think again and take a renewed look at Network Access Management. Portnox has reshaped it to fit today's extensive networks and device environment. Reshaping Network Access Control management to deliver an easy to deploy solution that covers your entire enterprise, not just wireless and not just your headquarters – your entire enterprise, every location and all of today's networks: wired, wireless, VPN, virtual and cloud. In addition, Portnox will gain you complete visibility to unauthorized hubs, bridged or tethered networks and associated devices. Your policy doesn't allow multiple NICS? No problem! Want a different policy if a user has a connected mass storage device? No problem!

## Reshaping Network Visibility and Access Control Management

Portnox has reshaped Network Access Control Management to deliver on the past promises other solutions failed to deliver and align today's expanding networks and device environment by delivering:

- 100% actionable visibility
- 100% agentless
- Centralized security for all locations
- Vendor agnostic
- Protection from vulnerabilities that result from Mobile, BYOD, and IoT
- Ease of deployment, requiring no prior training
- Software-based and fully scalable, requiring no hardware
- Cost-effective and affordable for businesses of all sizes
- Protection of all access layers, including wireless, VPN, wired, virtual, and cloud
- Multi-factor authentication over the VPN, based on user identity and device risk score
- Continuous risk monitoring that identifies and reacts to rogue or

## Control is an absolute – you are either in control or you are not!

This rings most true when it comes to an enterprise's corporate network – if you are not in complete control of your network and the devices on your network, you are exposed and you are at risk. Portnox solution is an absolute. Absolute visibility. Absolute control.

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