portnox™
boundlessly smart

DATA SHEET

# THINK YOUR SECURITY CAN KEEP UP WITH BYOD?

**Think again.**

# Portnox for BYOD Solution

As the trend of employees bringing their own devices to work (BYOD) increases, the lack of control and accountability is becoming a major concern. The many benefits of BYOD are offset by the blurring of visibility of exactly WHO is making use of your network.
How can you transparently identify WHO is accessing your network and effectively enforce security policies on their devices?

## Portnox Solution

Built from the ground up, Portnox for BYOD module provides accountability ensuring that every personal, unknown or corporate device that is connected to your wireless network has a legitimate owner. It enables you to manage your wireless network access, provides a complete, real-time view of all connected devices and enforces different network access policies to support your mobile security strategy.

## How it works?

Portnox for BYOD is a software module that works within the Portnox Platform and naturally molds to your wireless and wired network as an additional layer. Similar to other Portnox products, it enables you to gain:

### Complete Visibility

- 100% real-time visibility of all network elements (wired/wireless, personal/corporate)
- Comprehensive device identification (vendor, model, OS)
- Full control with a transparent audit trail of any device associated with any network access layer
- Accountability: restricted device access to authenticated and qualified corporate users
- Categorized and detailed information per each device, OS and owner

### BENEFITS:

- No infrastructure changes needed
- Minimal IT footprint
- No size limitations

### KEY FEATURES:

- Instant integration on heterogeneous networks
- 100% clear network visibility
- Robust fingerprint identification
- Scalable to accomodate networks of any size
- 3D authentication: correlating Device, User & Desktop infrastructure
- MDM integration

## Extended Authentication

- Authenticates the device via a“3D” model, confirming the device owner and their corresponding network server (desktop infrastructure)
- Enforces a PreConnect Authentication model for any device’s owner via a customizable, captive portal, seamlessly aligned with the corporate directory (e.g. Active Directory)

## Dynamic Enforcement

- Customizable security policies that can be easily enforced on any existing network and their associated segments
- Utilizing unique fingerprint identification, Portnox enforces SSID and VLAN Integrity, for example - SSID protocol restricted for smart phones only
- Blocks all zombie devices and circulating WPA shared keys

## Augmented MDM

- Portnox easily integrates with your MDM platform of choice to close the loop and provide a 360° solution that will enable you to secure all relevant data on iDevices and allow you to realize full and complete device remediation.


## Minimum System Requirements:

| SOFTWARE | HARDWARE* |
|---|---|
| **Operating System:**<br>• Microsoft Windows Server 2008 R2<br>**Database:**<br>• Microsoft SQL server 2005<br>• Microsoft SQL server 2008 R2 | **1 CPUs Dual Core Xeon 3.x**<br>• Min of 4GB RAM<br>• 72 GB of disk space<br>• Single network adapter 100/1000<br>* Available also as virtual appliance |

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