



SOLUTION DATASHEET

Portnox CORE

On-Premise NAC

Control access for every user, every device, everywhere.

Portnox CORE provides 100% actionable visibility and control of all devices that are connected to the enterprise network. As a software-based Network Access Management (NAM) platform, Portnox CORE's patented solution allows for efficient management of the security and compliance challenges that organisations face in a smart and simple way.

With Portnox CORE devices can't hide. Utilising agentless technology that enables real-time detection and profiling of devices connecting over wired, wireless, and virtual networks, Portnox CORE provides an additional layer of device visibility and offers full capabilities for device discovery, authentication, and compliance enforcement. It provides a cutting-edge, easily deployed approach to network security that allows you to:

- **See:** Detect and profile any device (including IoT) on the corporate network, using agentless technology – in real time, across all network layers.
- **Control:** Mitigate risk by actively limiting access, quarantining, or blocking a device and takes steps to minimise security issues by, for example, installing a missing patch.
- **Automate:** Delivers automatic reactions, enabling CISOs to reduce the time and cost associated with manual responses.

Gain Control of Your Network .

Portnox CORE starts at the infrastructure layer, connecting directly to wired, wireless and virtual infrastructure. It delivers continuous event-driven information about all devices connecting to the network. After initial device connection, configuration options support continuous validation of previously validated devices – ensuring that they maintain compliance while connected to the network, and reacting to changes automatically.

While most Network Access Management solution do not have the level of device awareness or enforcement flexibility required for companies to move forward with full enforcement, the majority of Portnox CORE customers choose to have full enforcement enabled. Portnox CORE provides flexible enforcement actions based on device, user, location, authentication and level of compliance.

Features and Benefits

Portnox CORE offers an intuitive interface for comprehensive control of every device connecting to the network. With Portnox CORE, gain access to knowledge that's necessary to keep the network secure.

- 100% actionable visibility
- 100% agentless
- Centralised security for all locations
- Vendor agnostic
- Protection from vulnerabilities that arise from Mobile, BYOD, and IoT
- Ease of deployment, requiring no prior training or continuous management
- Software-based and fully scalable, requiring no hardware
- Cost-effective and affordable for businesses of all sizes
- Protection of all access layers, including wireless, wired and virtual
- Continuous risk monitoring that identifies and reacts to rogue or risky endpoints
- Contextual awareness
- Locate device, user, IP, MAC, application and more with a single click

Furthermore, with Portnox CORE easily phase in the enforcement process to ensure success – starting in monitor/discovery mode, and slowly rolling out automated enforcement to specific ports, switches, VLANs, or locations.

Portnox CORE's architecture offers the following advantages:

- Natively connects to network infrastructure elements
- No agents to deploy
- No reliance on the complexity of 802.1X
- Real-time, event-driven device awareness
- Software-based, with no appliances
- IoT Visibility Radar
- Options for central or distributed deployment

Get to the CORE of Network Security

Portnox CORE deploys on Windows servers (physical or virtual) from a single location, providing comprehensive NAM capabilities across the enterprise. For environments that require a distributed deployment, Portnox CORE supports this at no additional cost.

Unlike many traditional NAM platforms that rely on port mirroring, IP range scans, inventory directory or other passive methods to gain device visibility, Portnox CORE directly connects via native protocols to the network infrastructure including switches, WLC, and virtual servers. In addition, it provides real-time, immediate awareness of network changes.

To summarise, Portnox CORE ensures the security of your network with:

- A vendor-agnostic solution
- Agentless architecture
- IoT Visibility Radar
- Incident response capabilities
- Software-based or cloud-hybrid integrations
- Multi-factor verification to enable access

About Portnox

Portnox secures connected organizations' corporate networks utilising its next-generation network access control and management solutions. Portnox's solutions manage every user, every device – including: Internet of Things (IoT), BYOD, mobile and managed devices - accessing the network, everywhere.

Founded in 2007, Portnox provides its global customers with a complete view of device and network visibility, reducing security risks and improving network control. Portnox offers two solutions – CORE for On-Premise NAC and CLEAR for cloud-based NAC – allowing companies to grow, optimise, and evolve their infrastructure while maintaining the upmost security and compliance.

About Threatscape

Threatscape is the trusted security partner of enterprise clients who rely on us to secure critical IT assets in over 100 countries around the world.

Our mission is to create a secure and certain future for our clients. Keeping them protected so that they can go about their business is how we know we're delivering on our promise. To do this, our expert team of engineers and consultants use their skills alongside best-in-class solutions to protect, detect and respond to the growing threat of cyberattacks.

Get in touch to try out Portnox CORE today!