Portnox CLEAR is a cloud-delivered network access control solution providing actionable network visibility and risk management of endpoints in any location, on or off campus. CLEAR delivers continuous risk monitoring of all endpoints – IoT, BYOD and managed devices, across wired, wireless and virtual networks. As a cloud-delivered solution, CLEAR is always running the most updated version with the latest features and capabilities. The solution goes deep into the security posture of the endpoint and grants network access based on a device’s risk profile, generated by information about the device itself, the network connection and the user’s identity.

What is Portnox CLEAR?

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Network Access Control. Made Simple.

Visibility: CLEAR provides continuous visibility of all endpoints connected to your network, in real time, no matter which type of device or where it is connecting from in the world, whether at home, at a café or on the road. CLEAR identifies where the endpoints are connecting from and the risk associated with them, whether they are managed, BYOD or IoT devices. It provides data on each device including operating system, type of device, installed applications, services, certificates, open ports, configuration and more.

Control: CLEAR controls access to the network based on the 802.1x protocol. It can block rogue devices, quarantine uncompliant endpoints or limit the access to specified resources using access control lists (ACLs) or VLAN changes. CLEAR displays a captive portal to explain the next steps that the user should follow. It also assists with the remediation of devices and brings them back into a healthy state.

Cloud Delivery: CLEAR is simple and easy to implement due to its as-a-Service delivery and is always running the newest software version with the latest features and security updates. Version upgrades are seamless and are delivered continuously, covering all geo-locations. All CLEAR components are black boxes, requiring zero management. As a cloud solution, CLEAR has built-in scalability, high availability and disaster recovery backup sites in different countries.
**Simplicity:** CLEAR is agentless and vendor agnostic, requiring zero setup. No training is required to operate the solution and it includes built-in integrations with Azure AD, Microsoft Intune, Palo Alto Networks and other world-class solutions. These integrations offer value in easier access management, threat response and prevention of lateral movement. CLEAR integrates with native and existing architecture, without a need for port mirroring or span port; and there is no need to acquire new appliances or software to implement the solution.

**Secured:** CLEAR implements best practices in cloud hosted service protection and all access to customer data is encrypted by SSL/TLS 1.2, creating full data privacy for data in transit. All data is encrypted at rest where storage service encryption is FIPS 140-2 compliant. User credentials never leave the organization, and administrators can be set to use MFA. CLEAR is SOC2 compliant, GDPR ready; and will help the organization in preparations for regulation compliance such as PCI, HIPAA and more.

**Cost Efficiency:** As a cloud service, enterprises can easily scale as they grow with more devices and locations or shrink the service if needed, all while paying only for what is consumed at the time with CLEAR’s pay-as-go model. No new appliances are required to be purchased or managed.

**AVAILABLE VIA MSP**
CLEAR is available via Managed Service/Managed Security Service Providers. Portnox solutions are provisioned via the leading MSPs on the market, thus providing the best possible security for our customers. MSPs have their own dedicated portal for user-friendly configuring and account management, including: on-boarding, technical support and billing.

**BUILT-IN SYSTEM COMPONENTS**

**CLEAR RADIUS:** Cloud-based RADIUS server and authentication

**CLEAR AD Broker:** Optional Lightweight software supporting AD authentication and access controls

**CLEAR Analytical Engine:** Continuous awareness of device risk posture and alignment to policy

**CLEAR Guest Management:** Add-on offering robust management as well as guest/contractor access controls

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