

“There are five key technologies enterprises should include in their NAC deployment strategy. The Nevis solution offers elements to support each of these requirements and differentiates itself through advanced persistent threat detection and containment.”

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Current Analysis



The Nevis LANenforcer 1048 and 2024 are scalable rack-mounted devices that easily install into any network topology (both shown on top of the LANsight appliance).



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The Nevis Networks LANenforcer™ LAN security solution

Nevis Networks is a leader in providing LAN security solutions that protect the internal core network from all threats arising from endpoint systems, whether internal or unmanaged external systems. The Nevis LANenforcer appliance forms a four-pronged countermeasure to defend against all categories of network security threats from untrusted systems accessing the internal network:

- **Endpoint validation:** pre-connect and post-connect authentication of the user and system and ensuring the health and compliance of the system's operating environment;
- **Identity-based access control:** ensuring that specified user groups and roles are constrained within the internal network to only specific systems and applications;
- **Threat containment:** going beyond ensuring anti-virus signatures are up to date, Nevis uses state-of-the-art deep packet inspection algorithms, including behavioral, protocol and traffic anomaly detection to protect against new malware attacks (worms, Trojans, bots, etc.);
- **User activity monitoring:** keeping a detailed audit trail of which users accessed which resources and systems for regulatory and compliance purposes.

When deployed in proximity to the VPN gateway, the Nevis LANenforcer defends the internal network from these external users, including validating that their systems comply with the network's system health policy, detecting and halting the spread of malicious malware, and preventing unauthorized system access by inappropriate groups. LANenforcer is easily deployed in-line behind the VPN gateway and provides the industry's only solution that performs the full range of LAN security services at wire-speed (10GBps).

LANenforcer performs the system scan to validate external client endpoints, as well acting as another identity-based firewall that screens users from critical resources based on role and group privileges. LANenforcer also performs inline intrusion detection and prevention (IDP) at wire speed based on its proprietary LANsecure™ ASIC, which dramatically raises the performance bar for all other competitive solutions.

A single LANenforcer appliance provides an extremely cost-effective solution because it can easily support up to 3000 users. In the case of a VPN deployment, this would translate into 3000 simultaneous VPN access users, typically enough to accommodate even a large enterprise's needs. Larger installations can be accommodated with multiple LANenforcer appliances.