



Summary

Clearnetwork is a leading Information Security company with nearly 20 years of industry experience. Clearnetwork: NSM is our Network Security Monitoring service that delivers comprehensive and versatile real-time threat detection and analysis. It is the powerful foundation for all of your IT security efforts, and is enhanced by our on-demand expertise and analysis.

New threats emerge every day. Deploying Clearnetwork: NSM is a cost-effective way to ensure premier level performance and security for your business's network.



State of the Marketplace

Digital workflows power every part of our economy. All business is networked business. But this digital shift has also introduced new threats to every business.

Over time, a variety of security technologies have been adopted, used, and cast aside. None have been able to address the full range of threats businesses face, or adapt to previously unseen threats.

Experience has shown that for both day-to-day operations and during security incidents adaptable monitoring and remediation techniques are essential to protect business networks and data. Even when businesses successfully deal with threats, but if they do not collect actionable intelligence on how it occurred, or where the threat originated, they are at risk of further attacks through the same channels.



Threats to Your Business

There are a variety of network-based threats to businesses.

- Ransomware attacks targeting your intellectual property
- Denial of service attacks that take you offline
- Hackers deploying zero-day exploits that rapidly compromise your data
- Email phishing attacks that target employees

Threats can come from within your organization too.

- Compromised personal devices on your network degrading performance
- User error that damages infrastructure or creates security vulnerabilities
- Unsafe user behavior, opening questionable downloads and websites

To mitigate damage, and prevent costly downtime and data loss, you need rapid-response intelligence, analysis, and forensic tools. Those together are the components of Network Security Monitoring (NSM).



How Network Security Monitoring Works

A Network Security Monitoring service enhances and expands your IT staff's awareness of your business network. It is an automated, intelligent, 'security patrol.' It not only watches the virtual front and back doors of your network, NSM tools patrol your perimeter. They walk the virtual halls, checking every room and closet of your network for suspicious activity.

Our Network Security Monitoring service Clearnetwork: NSM is a powerful, cost-effective solution that brings you visibility and control over your business's network.

Clearnetwork: NSM is capable of detecting both intrusions and use policy violations. It alerts IT staff so they can take immediate action to secure your network and your data. It can even identify previously-unknown threats. It automatically gathers detailed reports for after-action analysis. These reports are designed to be usable forensic evidence for legal responses to intrusions, or for human resources responses to policy violations.

Clearnetwork: NSM is also customizable to monitor according to any business's policy or regulatory needs. For example, it can watch for instances of unencrypted SSNs in data leaving your network. Or it can record Peer-to-Peer traffic that might violate an organization's fair use policy.

Other network security tools, like firewalls, only protect against unauthorized access across your network perimeter, or into specific assets. They do not monitor the total performance, health, and internal traffic on your network over time.



The Right Way to Monitor Your Network

Many vendors sell off-the-shelf NSM appliances. But done right, Network Security Monitoring involves more than just installing a product. It is an ongoing process.

Successful Network Security Monitoring is your IT staff using the scans, reports, and live data Clearnetwork: NSM gathers to inform their actions. Rather than hunting through log files or tracing installation records, your IT staff gets concise, immediately-actionable network intelligence. It makes them more effective at stopping intrusions, prioritizing updates, and modifying network policies.

Clearnetwork: NSM forms the core of this process at your business.



Clearnetwork: On-Demand Network Expertise

Clearnetwork engineers consult with each client to adapt the Clearnetwork: NSM service for the highest possible performance on their network. They can also deliver thorough, independent network analyses, for both critical incidents, as well as for ongoing network health issues.

This combination of technology and expertise is how Clearnetwork: NSM can deliver superior performance over simple tool-based network monitoring devices, or DIY staff troubleshooting. Leveraging this combined power keeps your business running at peak performance and efficiency.

Contact us today and learn how Clearnetwork: NSM can improve your network's health and security.