NETWORK CHALLENGES OF HEALTHCARE

Healthcare organizations deliver critical care, which depends extensively on the availability of electronic patient records. Simply stated, when electronic records are not available, the quality of patient care care declines. Moreover, HIPAA's privacy rules demand that these records be kept secure and confidential. Further complicating healthcare network security is the difficulty associated with patching devices necessary for continuous critical care.

Healthcare organizations face the following challenges:

- **Network availability** – Ensuring the healthcare network remains constantly available in order to deliver optimal critical patient care
- **Compliance** – Demonstrating compliance with government regulations, such as HIPAA, in order to protect individuals' medical records from privacy infringement
- **Limited time and resources** – Minimizing administrative burdens associated with managing host agents, tuning signatures, and manually combing through logs; enable remote troubleshooting
- **Network visibility, security and privacy** – Protecting the network from malicious activity and security policy violations; analyzing and prioritizing networks incidents

StealthWatch® helps satisfy the following HIPAA requirements as follows:

164.308 (a) (1) (i)	StealthWatch detects malicious activity, continuously monitoring the network and prioritizing issues in greatest risk order.
164.308 (1) (6)	StealthWatch serves as a first pane of glass for quickly focusing resources on the incident at hand and bringing out the value of supporting data, otherwise neglected due to sheer volume.
164.312 (a) (1)	StealthWatch tracks user activity across the network providing accountability
164.312 (c) (1) and 164.312 (e) (1)	StealthWatch alarms on unauthorized host access and use of services and ports not necessary for normal business operations

StealthWatch Addresses Healthcare Challenges

Lancope's StealthWatch system collects and analyzes flow data to detect host and network anomalies, delivering numerous benefits for both network and security operations.

Demonstrable Compliance	StealthWatch helps demonstrate compliance for government and private industry regulations.
Increased Network Visibility	StealthWatch provides an end to end view of what's actually happening across the entire network
Improved Network Security	StealthWatch rapidly detects and prioritizes suspicious and malicious host and network behaviors such as worm propagation, rogue servers, unauthorized access and services, and security policy violations.
Continuous Traffic Monitoring	StealthWatch quickly analyzes traffic statistics to identify oversaturated links, top talkers, traffic composition, and others to promote network availability.
Automated Identify Tracking	StealthWatch automatically ties all host and network activity to IP, username and systems involved.
Minimal Administration Required	StealthWatch requires no host agents to manage, minimal system upkeep, no signature updates, and few appliances are centrally located and administered.

Healthcare Testimonials

Compliance & Privacy	*"Because we must also comply with HIPAA standards for security to protect patient information, network security is extremely important to us. Not only does StealthWatch decrease network down time, but it also ensures better network security and protection of our patient records."* — Children's Hospital and Health System in Wisconsin
High Availability	*"Cancer Research UK uses StealthWatch to quickly identify threats and affected hosts and servers, mitigate attacks and perform forensic analysis in order to maintain high network availability."* — Cancer Research UK
Network Security	*"StealthWatch automatically notifies us of potential breaches and provides actionable forensics and host intelligence. The ease and speed with which StealthWatch identifies problems is impressive."* — Children's Hospital and Health System in Wisconsin
Network Troubleshooting	*"Troubleshooting is almost effortless with StealthWatch. Previously, when there was an incident, we would add mirrors and sniffers to track and replicate the event, and then manually comb through logs. We can now sort, analyze and baseline traffic with ease. In addition, we are using StealthWatch to gain application awareness, which enables us to quickly identify and respond to unauthorized application usage."* — Concord Hospital
Agentless Host Monitoring	*"We're not fans of host-based anything, i.e. agents, nice to get host visibility without having to manage all these host agents"* — Aurora Health
Automating Correlation and Analysis	*"Before StealthWatch, we manually analyzed and correlated our network activity data. StealthWatch automatically gives us detailed network insight through a single, easy-to-use interface, aiding our security, network operations and compliance efforts."* — Blue Cross Blue Shield Tennessee
Low Maintenance	*"StealthWatch is pretty easy to manage – you don't have to worry about signature updates; don't have to worry about blocking; very little has to occur in order to keep the system up to date."* — Major Hospital Operator

About Lancope®, Inc.

Lancope is the leader in NetFlow Analysis and the provider of the StealthWatch® System for flow-based anomaly detection and network performance monitoring. Delivering unified visibility across physical and virtual networks, StealthWatch eliminates network blind spots and reduces total network and security management costs.

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