

SilentRunner®
Mobile



Plug-and-Play for
Mobile Deployment

Real-time Network
Data Capture

Advanced Visualization

On-demand
Incident Playback

Chat and Webmail
Support

Social Media Analysis

An easy-to-deploy network “surveillance camera”, delivering advanced visualization and analysis

Operating like a network surveillance camera, SilentRunner Mobile allows you to monitor, capture, analyze and graphically visualize network traffic to see exactly what a suspect is doing during a law enforcement, government or corporate investigation. In addition, it provides visibility into exactly what is happening on a network to facilitate cyber security and regulatory compliance. Captured network activity can be played back on demand. Furthermore it's easy to deploy to enable quick access to network traffic once surveillance is determined to be necessary.

Real-time data capture & analysis

SilentRunner Mobile is a passive network monitoring solution that visualizes network activity by creating a dynamic picture of communication flows, giving you a clear picture of a suspect's activities or an exploit's behavior. SilentRunner Mobile can play back events from thousands of communications to validate whether criminal or malicious activity has taken place. This dramatically enhances your ability to identify all offenders and exploits, build a case, and locate any stolen information or misused resources.

SUPERIOR ANALYTICS

Graphical illustration of network activity allows you to quickly identify and correlate relationships between users, resources, applications and data. Real-time data is recorded into a central knowledge base that can be queried. The time sequencing function allows you to identify network communication “habits”, anomalies and specific events. Once a potential anomaly has been identified, you're able to drill down into the content to see exactly what is happening — for example credit card numbers being chatted outside the network or somebody visiting unauthorized websites. Incidents can be reconstructed and played back in real time, in the exact sequence in which they occurred. You can leverage SilentRunner Mobile to capture and analyze both network data and VoIP data. Processing, reconstruction and storage of data includes popular chat and webmail applications.

PLUG AND PLAY

SilentRunner Mobile can be installed on a single machine for mobility or you can distribute the components onto separate devices. Its simplified architecture enables easy deployment, while delivering high-performance collection, powerful processing and indexing, as well as fast insertions and extractions of data.

A robust feature set for superior network analysis...

REAL-TIME NETWORK CAPTURE AND VISUALIZATION

- SilentRunner Mobile promiscuously monitors and records network traffic in all seven layers of the Open Systems Interconnection stack.
- Monitors more than 1,500 protocols and services out of the box.
- High-performance collection of network speeds up to 100 Mbps with advanced processing and indexing.
- Advanced visualization tools allow you to create a picture of communication flows to swiftly expose anomalies, illegal connections and security and network problems.
- Using interactive graphical representations illustrating propagation, you can efficiently analyze users, hosts, domains, applications, protocols and addresses — detecting changes or abnormalities from established network baselines.
- Capture and analyze wireless Ethernet 802.11a and 802.11n.
- Capture and analyze webmail, chat and social media content.
- Receive real-time email alerts.

CONTENT AND PATTERN ANALYSIS

- Determine the exact behavior of a suspect by viewing their network usage patterns and which content they're accessing.
- Build “integrated maps” of certain assets or users — such as after-hours usage spikes, data traffic or malware.
- Independent of keyword or linguistic matching, you can determine how proprietary or inappropriate information proliferated from code servers, HR or financial databases, R&D labs and others.

FORENSIC ANALYSIS AND ON-DEMAND INCIDENT PLAYBACK

- SilentRunner Mobile stores and catalogs network data into a central repository allowing you to play back the exact sequence of events aiding to ensure effective and accurate investigations.
- Directly visualize audit logs and alerts, and correlate actual network traffic to provide a complete picture of activity around the time a suspicious event occurred.
- Load custom filters, for example, an Excel spreadsheet with 2000 IP addresses.
- Play back captured VoIP calls in seconds.
- Web reconstruction reporting: keyword searches, file transfers, video files and more, within captured Web traffic.
- Conduct post-event analysis and reconstruct events in their exact sequence to immediately uncover malicious or illegal behavior.
 - o SilentRunner Mobile maintains a millisecond clock to record packet timing.
 - o Quickly determine communication precedent and data proliferation.

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**Are you ready to
leverage the investigative
power of SilentRunner Mobile?**

To find out how SilentRunner Mobile can make a difference in your investigations and the security of an organization's information assets, call 800.574.5199 / +1.801.377.5410, or email sales@accessdata.com