

Intrusion Protection with RealSecure® for Nokia

Today's networked economy requires that critical business information be instantly accessible to partners, vendors and customers—as well as internal users and remote offices. However, widespread access and connectivity can increase security risks when intruders, hackers or malicious insiders seek to discover and abuse networks.

Deploying intrusion protection completes an organization's perimeter and internal security. By monitoring and analyzing connections and packet content for signs of misuse and attack, companies increase their network security and add a necessary line of defense.

A fully integrated solution

Nokia and Internet Security Systems™ have combined the Nokia IP Security Platform with the Internet Security Systems market-leading RealSecure intrusion protection engine to create a full-featured, best-of-breed intrusion protection appliance. RealSecure for Nokia is an automated, real-time, intrusion protection solution that manages online risk through cost-effective network surveillance and automated response to suspicious activity.

RealSecure for Nokia runs on a dedicated Nokia IP Security Platform and unobtrusively monitors network packet traffic for patterns of misuse.

Features

- Recognizes 1250 exploit signatures and decodes
- Hybrid detection technology
- Simple signature and software upgrades via X-Press Updates™
- Backed by the Internet Security Systems X-Force™ research and development team
- Rapid, simplified deployment
- Dual-port monitoring interfaces
- Real-time network monitoring and response
- Extensive library of Trojan horse, back door and distributed denial-of-service signatures
- Attack session logging, recording and playback



- Short signature compatibility
- Comprehensive technical and managerial reports
- Online assistance database for incident response

Best of breed

RealSecure for Nokia has been purpose-built and jointly engineered by the leaders in the field. Internet Security Systems has dominated the intrusion detection market with features such as large signature bases, an intuitive graphical user interface, secure communications between management console and sensor, real-time monitoring and response, built-in logging and report generation, and an extensive help database to educate and assist users. Nokia has pioneered the concept of simpler security installations using the leading Nokia IP Security Platforms to develop fully integrated security appliances. A specialized, hardened Nokia operating system offers top performance and greater security for the appliance. This unique approach results in a powerful combination: a winning, best-of-breed intrusion protection appliance.



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Ease of deployment and management

Networks, by definition, constantly change and grow, and adding security to the network, remote site or to partner sites is required. With RealSecure for Nokia, administrators have a powerful, easily deployed alternative to complex hardware and software integration, time-consuming configuration issues, and multiple sources for technical support. Administrators easily manage the Nokia appliance using a browser-based management tool, Nokia Network Voyager.

RealSecure® SiteProtector™, available for Windows NT and Windows 2000, allows for comprehensive enterprise detection and response and is easily configured. SiteProtector™ manages multiple RealSecure for Nokia network sensors providing remote administration for a central location.

Full remote back up and recovery is available for the Nokia IP Security Platforms through Nokia Horizon Manager, a management tool, that allows users to perform full remote back up and restore capabilities to multiple appliances from one location, saving critical IT staff resources and time.

Nokia IP Security Solutions

Nokia IP Security Solutions combine market-leading security software and world-class IP routing to provide high-performance network security solutions. Built for plug-and-play operation and supported top-to-bottom by Nokia support engineers, these appliances simplify and accelerate the deployment of sophisticated security implementations. The Nokia IP100, IP300 and IP500 platform series allow you to choose the networking, performance, and redundancy options that meet the demands of your business. Whether you need cost-effective premise solutions for small to mid-size networks, or carrier-class security for mission-critical implementations, each Nokia IP Security Solution features the same high-quality construction, ease of installation and operation, and market-leading software.

Benefits

- **Fully integrated intrusion protection.** Each Nokia platform ships with RealSecure for Nokia and requires no further application installation or configuration on the part of the user.
- **True plug-and-play implementation.** Rather than requiring installation and configuration of complex server operating systems such as Unix and NT, Nokia appliances are configured at the factory and ready to run upon arrival at the site. Simply plug them in and begin deploying the security software you have chosen.
- **Designed as a networking platform,** Nokia appliances use **industry-standard components integrated to maximize performance and reliability.**
- **Space-saving design.** Each platform is designed to fit a standard network equipment rack with front access connectors to facilitate maintenance. Our compact designs are ideal for equipment rooms where space constraints are a consideration.
- **Remote network management.** No local keyboard or monitor is required to access a Nokia appliance. Nokia Network Voyager, a web-based management tool, enables you to monitor, manage, and configure your network from any authorized location.
- **Unlike platforms based on general-purpose operating systems (OS), Nokia has tuned its security-hardened Nokia IPSO system to deliver peak performance.**
- **"Hot swappable" components for uninterrupted service.** The Nokia IP650 features hot swappable components—such as interface cards and fan trays—that can be removed and replaced without powering down the device.

This ensures maximum uptime, a critical factor in maintaining carrier-class networking performance.

See table for specifications on each of the Nokia IP Security Platforms.

Nokia and Internet Security Systems

Nokia is committed to partnering with industry-leading providers of networking software to offer the features and performance required by large enterprises and managed service providers. Internet Security Systems is the leading global provider of intrusion protection software and is an expert on intrusion protection and response. By combining best-of-breed software products and market-leading managed security services, Internet Security Systems is the trusted security provider for thousands of customers around the world.

Nokia IP Security Platforms

Nokia IP120-10 Mbps remote branch enterprise solution

- 3 Integrated 10/100 Ethernet ports

Nokia IP350-45 Mbps solution

- 2 PMC Interface Slots
- 4 Integrated 10/100 Ethernet ports
- Dual-port 10/100 Ethernet (optional)

Nokia IP380-100 Mbps solution

- 2 PMC Interface Slots
- Dual-port 10/100 Ethernet (optional)
- * support dual-sensor

For gigabit connectivity, ask about the Nokia IP530-100 Mbps solution.

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Appliance of **Choice**

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