

# Nokia Firewall/VPN Appliances

Protect and extend your network perimeter with secure, reliable solutions that are easy to install and manage.

With the Internet providing the ideal framework for information sharing among customers, business partners and employees, corporations have come to rely on secure Internet communications as a critical component to their success.

Extending the traditional network perimeter with secure and mobile connections requires solutions that must be scalable, simple to install and manage, continuously available, and provide significant cost savings. A robust solution must also make the best use of existing security resources and networks.

## Integrated Security Solution

One of the most powerful solutions in the industry, Nokia delivers a combination of market-leading firewall and VPN applications, with a proprietary and hardened OS on purpose-built, high performance platforms.

Nokia firewall appliances include a patented stateful inspection engine, which can inspect traffic from data to application layer while maintaining the state of previous traffic. In addition, the deep-packet inspection capability can detect and prevent application level attacks providing a secure environment at all levels.

As a leader in innovation, Nokia firewall appliances continue to make strides by being one of the first IPv6-enabled firewall appliances in the industry. Coupled with the proven IPv6 routing capabilities in Nokia IPSO™, Nokia firewall appliances ensure a secure network environment for the future.

Nokia provides a suite of VPN appliances to meet the various needs of an enterprise's secure connectivity requirements. Tightly integrated with Check Point NG with Application Intelligence, the Nokia IPSec



VPN solution enables secure connectivity to remote offices and users. The Nokia suite of VPN appliances also includes Nokia Secure Access System. An SSL remote access appliance, Nokia Secure Access System provides a flexible and cost-effective way to connect mobile employees and partners to corporate data any time, anywhere and from virtually any device while still maintaining network integrity.

## Nokia Firewall/VPN Appliances

- Comprehensive solution for complex needs
- Reliable for absolute peace of mind
- Easy to deploy and manage

## Reliability

Mission-critical applications in today's business environments require continuous network availability in a failsafe infrastructure. Nokia Firewall/VPN Appliances offer Virtual Router Redundancy Protocol (VRRP, RFC2338) for loadsharing and redundancy between two or more Nokia appliances.

For environments requiring utmost reliability, the patented Nokia IP Clustering technology enables multiple appliances to be clustered as a single virtual gateway with Active Session Failover and Dynamic Load Balancing. By sharing security associations among all members of a cluster, VPN tunnels as well as all the sessions are automatically maintained in case of failure. What's more, the cluster dynamically re-balances the load down to the individual security associations for optimum performance. The end result is a fully optimized firewall and VPN appliance that makes financial and productivity loss due to failed systems a thing of the past.

## Ease of Deployment

Nokia simplifies deployment by integrating key network functionality and applications into a single access solution.

Nokia Firewall/VPN Appliances are delivered on-site with all the necessary software, hardware drivers, and IP routing pre-installed for easy out-of-the-box deployment. Preliminary tasks such as installing and verifying network interfaces, and optimizing the security application and operating system, are performed at the factory before any system is shipped. As a result, appliances can be rapidly deployed across multiple sites and the probability of installation errors greatly reduced.

## Ease of Management

Nokia Firewall/VPN Appliances offer network management solutions for simplified installation, configuration and maintenance of Nokia appliances. Nokia Network Voyager, an SSL-secured, web-based element management interface, enables the use of any web-browser to securely manage individual Nokia IP Security Platforms. In addition to Nokia Network Voyager, users can manage devices via the Command Line Interface.

For multiple appliance management, Nokia Horizon Manager offers a secure, scalable, maintenance and recovery solution to deploy and manage from two to 2,500 local and remote devices. Nokia Horizon Manager streamlines security management for a broad range of platforms and applications with centralized management features that ensure best-practice security standards are met across the enterprise.

With Nokia Firewall/VPN Appliances, network managers can begin enforcing security policies and enabling secure communications within minutes.

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## Market-leading Support

Nokia Firewall/VPN Appliance is backed by a global support infrastructure, world-class facilities and expertise to provide online registration, installation, maintenance and operational integrity. Nokia First Call—Final Resolution support offers customers a single point of contact for expert technical assistance and resolution on partner software as well as the Nokia IP Security Platform and Nokia IPSO operating system.

## Nokia IP Security Platforms

Nokia IP Security Platforms combine market-leading security software and world-class IP routing to provide high performance network security solutions. Built for rapid deployment, the wide range of platforms from Nokia allows customers to choose the networking, performance, and redundancy options that meet the demands of their business.

Whether needing low-cost premise solutions for small to mid-size networks, or carrier-class security for mission-critical implementations, each Nokia IP Security Platform features high quality construction, ease of installation and operation, and market-leading capabilities.

## Nokia and Check Point

Nokia and Check Point share a tightly integrated relationship that combines unmatched expertise to deliver best practice security solutions for evolving customer requirements.

Check Point Software Technologies, Ltd. is a worldwide leader in securing the Internet. The company's Enterprise, Express and Embedded NG suite of applications enables secure and reliable Internet communications.

## Nokia IP Security Platforms

### Nokia IP1260

Top-of-the-line enterprise and Service Provider class system

### Nokia IP740

Large enterprise data centers and Service Providers

### Nokia IP710

Large enterprise and Service Provider platform

### Nokia IP530

Mid to large enterprise platform available with disk mirroring

### Nokia IP380

Excellent price/performance ratio for small to medium enterprise systems

### Nokia IP350

Market-leading price/performance ratio for small enterprise systems

### Nokia IP130

Remote Office—Branch Office and small enterprise sites

### Nokia IP40

Remote Offices—Branch Offices and small to medium businesses

### Add-Ons:

VPN hardware acceleration available for most platforms