

## IP Network Security Solutions

# Nokia Horizon Manager



An integral part of maintaining every business' trusted network environment is the ability to manage its security appliances. Enterprise and service provider customers who deploy a large number of security appliances require a tool both to expedite the process and to ensure secure and proper installation and management of software across many systems.

Traditionally, network management has been a considerable challenge for these organizations. They typically have had to manually install, configure and upgrade their software individually, one network security appliance at a time, consuming valuable time and money. Furthermore, as enterprises and service providers are constantly performing these management tasks, network management of security appliances is recognized as an expensive, complex and resource-intensive responsibility.

The need for rapid, secure and reliable deployment of the latest software updates and features is critical for businesses that need to leverage their resources, reduce network management overhead, and ensure that necessary changes to the network do not jeopardize security. Today, both large corporations and service providers are looking to benefit from the return on investment offered by centralized management of security software. By utilizing software image management, companies can control complexity, reduce downtime,

improve service, and leverage scarce resources, and relieve the burden on already strained human resources.

### Streamlining Network Management

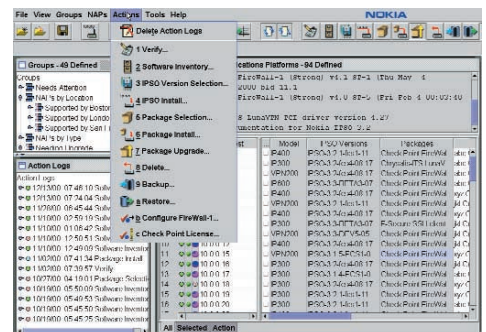
Nokia Horizon Manager is a network management application for use with all Nokia IP Network Application Platforms. It is the only software product that is designed to work natively with the Nokia IPSO operating system, and offers unprecedented features, including remote installation and initial configuration of Check Point Firewall-1, service packs, upgrades and distribution of licenses.

Its multiple features include at-a-glance information regarding the images loaded and active on Nokia IP Network Application Platforms, as well as status information on connectivity via HTTP, SSH, SCP, FTP, and Telnet. Additional capabilities include configuration-file backup and restore. Network administrators can group network application platforms into multiple categories and simultaneously perform actions on these groups. They can also include customized notes that provide insight into the specific functionality of each individual network application platform. As well as providing backup configuration files, Nokia Horizon Manager performs software inventory checks, eliminating the time and labor associated with manual methods.

### Features

Nokia Horizon Manager performs the following functions on all Nokia IP Series platforms:

- Install and upgrade Nokia IPSO
- Install and upgrade Check Point FW-1
- Initial configuration and license distribution of Check Point FW-1
- Backup and restore of system configuration (including configuration files for available packages, log files, and home directories)
- Install applications from supported third-party vendors (ensures uniform versions and patch levels across all platforms)
- Enable or disable all supported third-party applications
- Flexible grouping—organize platforms into simple or complex groups (example: name, address, department, geography, or any combination)
- Create customized data storage (enables users to include specialized information about each platform)
- Maintain complete software inventory



### "Out-of-the-box" Solution

Nokia Horizon Manager works seamlessly with all Nokia IP Network Application Platforms, right out of the box. Unlike many network management tools, it does not require any additional software to be installed on these security platforms. This enables network administrators to start using Nokia Horizon Manager right away.

### Saves time. Saves money.

Better control of network resources leads to higher productivity which, in turn, leads to financial benefits. Nokia Horizon Manager saves time and money, automating redundant tasks, and simplifying the management of software images. Network administrators can effectively install and maintain new Nokia IPSO and third-party software on hundreds of network application platforms at the same time. Users can download Nokia IPSO and third-party applications to multiple platforms simultaneously—without hiring more engineers as the network grows. The Nokia Horizon Manager architecture supports additional network management features, such as backup/restore, hierarchical grouping of network application platforms, and 100% secure file transfer and communication.

### Ease of Use

Installed on a Sun Workstation within the network infrastructure, Nokia Horizon Manager is designed to reduce the complexity of downloading new software images to multiple network application platforms. With the click of a mouse it allows centralized, remote installation and configuration of Nokia IPSO and Check Point FireWall-1, including license distribution, configuration and upgrades, so network managers can focus more on designing and maintaining security policies and less on administrative tasks.

### "Do No Harm"

Nokia understands the mission-critical nature of the enterprise network, so Nokia Horizon Manager has been specifically engineered to "do no harm." Instead of installing an intended upgrade that

would cause a version conflict or incompatibility with other software on the system, Nokia Horizon Manager automatically performs a 'test boot,' prior to committing any changes. This allows the platform to retain the original system configuration should the test boot fail.

### Nokia IP Network Application Platforms

Nokia IP Network Application Platforms offer state-of-the-art security applications, such as Check Point FireWall-1, tightly integrated with world-class IP routing to provide high-performance trusted network security solutions. Developed for plug and play operation, and supported worldwide top-to-bottom by Nokia support engineers, these application platforms simplify and accelerate the deployment of sophisticated security implementations. Building on the success of Nokia Network Voyager, a browser-based management tool enabling monitoring, management and configuration of networks from an authorized location, Nokia now proudly offers Nokia Horizon Manager as an additional network management tool.

### Nokia and Network Management

Nokia understands the needs of Managed Service Providers and enterprises that work with large, complex networks. With Nokia Horizon Manager, Nokia leads the industry by offering a solution that—for the first time—allows these businesses to effectively and efficiently manage network security software from a central location, permitting unprecedented network growth potential, ease of operation and substantial cost savings for end-user customers, while ensuring security and system integrity.

### Nokia Horizon Manager – System Requirements

- Sun SPARC Ultra 10 workstation running Solaris version 7+
- 256 MB RAM
- 2GB hard disk drive.
- Required: Java Run-time Environment (JRE) 1.3

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