

Nokia Wireless Accelerator



Nokia Wireless Accelerator speeds up enterprise data downloading to laptops and mobile devices providing an easy way to improve work efficiency and productivity while reducing telecommunications costs. Accelerated connectivity allows enterprise employees to experience faster access to corporate data over narrowband wireless and fixed networks. Irrelevant or undesired content can be removed, requested data compressed and traffic optimized for convenient and fast viewing. With its flexible configuration, Nokia Wireless Accelerator works transparently with existing services and does not require any changes to existing content or applications.

Benefits

- Faster, secure access to enterprise resources for mobile workers
- Cost savings in remote access bills for enterprises
- Increased productivity with convenient remote access connectivity
- Fast and simple deployment with Nokia IP Security Platforms

Maximum value for the enterprise

Today's traveling professionals need quick, secure access to the corporate network wherever they may be. With Nokia Wireless Accelerator, VPN-secured corporate data is available faster reducing connection times, amount of downloaded data and the related costs. By taking advantage of decreased download times enterprises can improve their work efficiency immediately. The enterprise user has faster access to services including intranet, Lotus Notes, SAP, Microsoft Outlook and folder sharing over an accelerated connection.

Key features

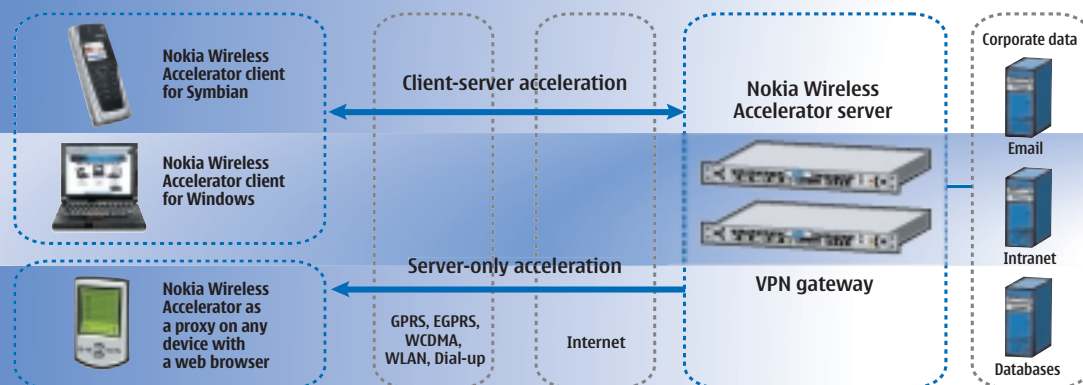
- Comprehensive application protocol support: HTTP, FTP, POP, IMAP, SMTP, NNTP, SAP, Lotus Notes and Microsoft Outlook
- Optional client software available for Windows and Symbian to maximize the acceleration performance
- Fully integrated with Nokia IP Security Platforms and Nokia Platform Management solutions

- Utilizes VPN for authentication and security
- Security, performance and reliability are all backed by world-class support and services available globally from Nokia

Flexible deployment models

Nokia Wireless Accelerator provides client-server and server-only acceleration models. Enterprises can choose the acceleration model that best suits their remote access deployment with a single installation of Nokia Wireless Accelerator server on a Nokia IP Security Platform.

The server-only acceleration model does not require any client installation—only a web browser is required. Any device with a HTTP 1.1 compatible browser can benefit from server-only acceleration feature providing that the device supports standard configuration of web proxy IP address and port number.



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The client-server model is available when Nokia Wireless Accelerator client is installed on Windows or Symbian OS-based device like a laptop or Nokia 9500 Communicator. When compared to a server-only acceleration, this model provides still better savings both in time to receive requested content and in amount of data transferred. Nokia Wireless Accelerator client provides improved compression and enables application-specific protocol acceleration.

Accelerated mobile connectivity

Mobile users require convenient and transparent access to corporate data for all applications regardless of the available bandwidth. Nokia Mobile VPN and Nokia Wireless Accelerator offerings address these mobile connectivity challenges by providing both security and acceleration for mobile workers. Nokia Mobile VPN Client and Nokia Wireless Accelerator Client run on Symbian OS-based Nokia mobile devices such as Nokia 9500 Communicator, Nokia 9300 and Nokia 6630.

Content optimization

Web pages contain irrelevant or undesired content when available bandwidth is low or device screen is small. With Nokia Wireless Accelerator, the content that increases download times, such as audio, video, HTML comments, banners, and GIF animations, can be removed. Additionally, image resolutions can be reduced before sending them across a wireless link. The original uncompressed image can be conveniently reloaded with a single click, if necessary. Transparently compressed Web content sent from the

origin server is decompressed at the user's device for viewing. As a result, end-users can surf the Web, access email, download files, and use other applications much faster than with conventional wireless connection.

Protocol optimization

Nokia Wireless Accelerator efficiently optimizes data to make it more suitable for wireless connections. Nokia Wireless Accelerator provides a uniquely optimized transport protocol that is more efficient than TCP in mobile networks. Moreover, reduction of the traffic overhead that is not content-related optimizes specific application protocols like HTTP, FTP, POP, IMAP, SMTP, NNTP, SAP, Lotus Notes and Microsoft Outlook.

Proven and manageable technology

For those tasked with enabling business applications across their organizations, secure, reliable Nokia IP Security Appliances combine best-of-breed software on purpose built-platforms, featuring Nokia IPSO™, a security specific operating system. The wide range of Nokia IP Security Platforms allow you to choose the networking, performance, and redundancy options that meet the demands of your business. Whether you need 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 software.

Nokia Wireless Accelerator is fully integrated with Nokia IP Security Platforms and Nokia Platform Management solutions.

Furthermore, Nokia Wireless Accelerator can be configured via Nokia Network Voyager element management tool and managed using Nokia Horizon Manager. Nokia also offers VPN solutions for authentication and security needs of enterprise remote access.

Requirements

Nokia Wireless Accelerator server runs on Nokia IP Security Platforms and the optional Nokia Wireless Accelerator client on Microsoft Windows and Symbian operating systems. It is highly recommended that enterprise remote access authentication and security needs are addressed through a VPN system. Nokia Wireless Accelerator works together with any VPN solution based on IPsec or SSL.

Nokia Wireless Accelerator server

- Nokia IP Security Platforms: Nokia IP120, Nokia IP130, Nokia IP330, Nokia IP350, Nokia IP380, Nokia IP440, Nokia IP530, Nokia IP650, Nokia IP710, Nokia IP740, Nokia IP1220 and Nokia IP1260
- Nokia IPSO 3.8 operating system

Nokia Wireless Accelerator client for Windows (optional)

- Intel Pentium II 266MHz or higher processor
- 64MB of RAM
- 128MB of hard disk space
- Microsoft Windows operating system

Nokia Wireless Accelerator client for Symbian (optional)

- Supported on Nokia devices based on Symbian OS 7.0s
- Latest models include Nokia 9500, Nokia 9300, Nokia 6670, Nokia 6630, Nokia 6260, Nokia 7610 and Nokia 6600

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