

Mail for Exchange for Nokia Devices

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Data Sheet

Nokia for Business

Mail for Exchange for Nokia devices is a mobile email solution. It utilizes Microsoft Exchange ActiveSync, a protocol that enables wireless synchronization of email, calendar, and contact data between Microsoft Exchange Server 2003 and/or Microsoft Exchange Server 2007 and compatible Nokia devices.

Using Microsoft Exchange Server 2003 SP2, the server uses Direct Push technology, which enables a seamless always-on email experience supported over either a mobile network or a wireless LAN, depending on the specific device used. Microsoft Exchange Server 2007 SP1 release adds security policies.

To help ensure data security, Exchange ActiveSync uses an encrypted HTTPS connection that is established and maintained between the device and the server while information is being transferred.

Synchronization is much faster due to enhanced data compression, leading to a quicker experience when sending and receiving messages. The Exchange ActiveSync protocol also provides for control over mobile devices, including new abilities in the SP2 release to provision and enforce device security policies.

By collaborating with a number of service providers, Nokia has also maximized opportunities for companies without their own Exchange Server to take advantage of Exchange ActiveSync with its broad range of functions to synchronize data with their Nokia devices.

Nokia Eseries offers built-in features as well as add-on applications to meet the security needs of an organization. Features including hardware-accelerated device and memory card encryption, integrated mobile VPN support, and device lock and wipe all help to

secure business information. Device management provides efficient tools to configure and maintain mobile devices.

Security policies for Mail for Exchange users

Microsoft Exchange administrator can create Exchange ActiveSync mailbox policy and add Mail for Exchange users to Exchange ActiveSync mailbox policy.

Security policy is enforced to Mail for Exchange Client user device through ActiveSync connection and can not be disabled by user. Optionally, administrator can allow access to devices that do not fully support password settings. There are several device lock and wipe policies supported.

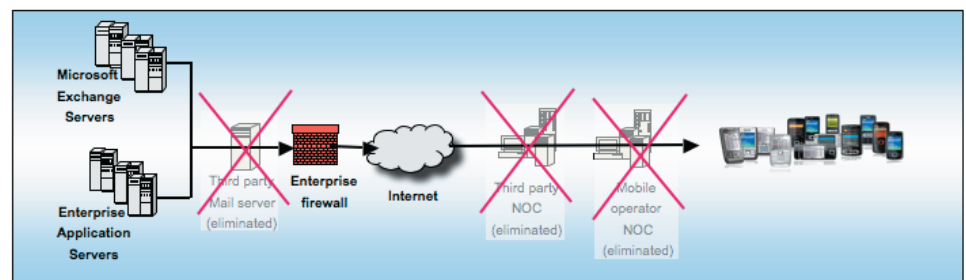
Nokia Devices

Nokia offers a broad range of devices compatible with Mail for Exchange: Over 50 different models and over 100 million

devices shipped all over the world. All Nokia devices with Mail for Exchange support are built on the S60 platform on Symbian operating system, the world's most popular and the most widely used smartphone operating system.

The Nokia Eseries portfolio is comprised of a broad range of feature rich mobile devices at different price points, tailored for business and designed for the different ways people work. Sophisticated yet easy to use, Nokia Eseries devices combine superior voice quality, personal information management, and messaging functionality into sleek and attractive mobile devices.

Nokia Nseries and other S60 devices with Mail for Exchange support provide additional options for mobile workers who want stylish, high-performance devices that offer enhanced multimedia capabilities. These intuitive devices provide robust entertainment features without compromising the information access and voice functionality employees need when away from their desks.



Technical specifications

Select Email and Personal Information Management Features

The latest Nokia devices, such as Nokia E75 and Nokia E55 include ActiveSync protocol support as part of the email client. For these devices, there is no separate Symbian-based Mail for Exchange client needed. These devices have a more advanced email feature set. The earlier range of devices utilizes a separate Symbian-based Mail for Exchange client.

Nokia devices with ActiveSync built into the email client:

Nokia E75, Nokia E55, Nokia N86 8MP, Nokia 6710 Navigator

Additional features for Mail for Exchange on these devices:

- View folders, search and sort email
- HTML email viewing with Exchange 2007
- Create and respond to meeting requests
- Inbox subfolder, sent items and drafts folder support
- Your input is matched against Contacts and sent email addresses
- Remote lookup: Search email addresses from your company directory
- Suggests word completions when typing
- Suggests error corrections when typing
- Learns new and frequently used words
- Easier access to special characters with long press
- Simple email set-up
 - Quick access via Home screen or Messaging One Touch key

Features that are both on built-in Email clients and separate Mail for Exchange clients

Always-on email:

- View inbox with an overview of email
- Create a new email

* Viewing and/or editing file attachments is subject to the applications installed on the device in use

** Requires Nokia device with touch support

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- Answer email as Reply-to and Reply-to-All
- Forward incoming email
- Mark email as "read" or "unread"
- Delete email
- Add attachments to outgoing email
- Open or save received email attachments to the device for later viewing or editing*
- Touch UI support**

Calendar synchronization:

- Synchronize calendar entries on the mobile device
- Choose from various calendar views (daily, weekly, monthly)
- Originate meeting request from the mobile device

Contacts:

- Synchronize contact entries on the mobile device
- View, add, edit, and delete existing contact entries
- Select Administration Features

Preparation:

- Configuration of an individual device
- Device configuration for multiple users via optional Device Management

Security:

- Support for SSL encryption

Microsoft Exchange Server 2003 SP2 supports the following additional security features:

- Password-locked contents
 - Require a password for device lock
 - Require alphanumeric password
 - Minimum password length
 - Prevent simple passwords
 - Track password history
 - Password expiration days
 - Maximum inactivity timeout
 - Maximum password attempts
 - Local wipe after maximum attempts
- Device wipe functions:
 - Administrator can remotely lock and wipe a device and memory card if it is lost or stolen
 - Device is wiped if the password is entered incorrectly a predefined number of times
- Supports essential Microsoft Exchange

- 2007 SP1 security policies
- Additionally administrator can control the following settings:
 - Allow attachments to be downloaded on the device
 - Set maximum attachment size (kB)
 - Allow sync when roaming

Synchronization:

- Manual, scheduled (or periodic), and always-on synchronization
- Manual and scheduled wireless synchronization of mobile devices is delivered using Microsoft Exchange Server 2003 SP1; always-on wireless synchronization is supported by the Direct Push technology in Exchange Server 2003 SP2
- Synchronization according to individually configurable parameters
- Synchronization time filters

Nokia devices with Mail for Exchange email client

Certified devices:

Nokia Eseries:

Nokia E90 Communicator, Nokia E71, Nokia E71x, Nokia E70, Nokia E66, Nokia E65, Nokia E63, Nokia E62, Nokia E61i, Nokia E61, Nokia E60, Nokia E51, Nokia E50

Nokia Nseries:

Nokia N96, Nokia N95 8GB, Nokia N95, Nokia N93, Nokia N93i, Nokia N92, Nokia N91, Nokia N85, Nokia N82, Nokia N81 8GB, Nokia N81, Nokia N80, Nokia N79, Nokia N78, Nokia N77, Nokia N76, Nokia N75, Nokia N73, Nokia N71

Other Nokia S60 3rd Edition devices:

Nokia 5800 XpressMusic, Nokia 6124, Nokia 6620 Classic, Nokia 5320 Xpress Music, 5630 Xpress music, Nokia 6720 Classic

Supported devices:

Nokia 3250, Nokia 5500, 5730 Xpress music, Nokia 6290, Nokia 6110 Navigator, Nokia 6120 Classic, Nokia 6121 Classic, Nokia 6122 Classic, Nokia 6650 Fold, Nokia 5700, Nokia 6210 Navigator

- For the latest list of certified and supported devices, please check www.nokia.com/mailforexchange

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