

Mail for Exchange

for Nokia smartphones

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Data sheet

Mail for Exchange for Nokia smartphones is a mobile email solution that utilises Microsoft® Exchange ActiveSync®. This is a protocol which enables push email and calendar, contact, and task data synchronisation between Microsoft® Exchange Server and compatible Nokia smartphones.

Microsoft Exchange Server uses Direct Push technology which enables a seamless always-on email experience. The connection can be made directly over a mobile data network or Wireless LAN, depending on the specific device used and the networks available.

Synchronisation uses enhanced data compression, leading to a faster experience when sending and receiving messages. 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.

The Exchange ActiveSync protocol also provides policies to centrally control mobile devices that access Microsoft Exchange Server. Policies include the ability to provision and enforce security.

By collaborating with a number of service operators, Nokia has also maximised opportunities for companies without their own Exchange Server to take advantage of Exchange ActiveSync, with its broad range of functions, to synchronise data with their Nokia smartphones.

Nokia Eseries smartphones offer built-in features as well as add-on applications to meet the security needs of different organisations. Features, including hardware-accelerated device memory and memory card encryption, integrated mobile VPN support, and device lock and wipe, all help to secure business information. Device management provides highly efficient tools to configure and maintain mobile devices.

Security policies for Mail for Exchange users

Microsoft Exchange administrator controls the Exchange ActiveSync mailbox policies which can be assigned to Mail for Exchange users. Exchange ActiveSync mailbox policy including security policies is enforced to

Mail for Exchange users through Exchange ActiveSync connection. Settings enforced by the policy cannot be disabled by the user. Security policies include several device lock and wipe settings. Optionally, the administrator can allow access to devices that do not fully support password settings.

Nokia devices

Nokia offers a broad range of smartphones compatible with Mail for Exchange: over 50 different models are currently supported. Nokia smartphones with Mail for Exchange support use the Symbian operating system, the world's most popular and most widely used smartphone operating system.

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

Nokia Nseries and other Nokia smartphones 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.



Exchange ActiveSync on Nokia smartphones

The latest Nokia smartphones, such as Nokia E7, Nokia E5 and Nokia E72, include Exchange ActiveSync protocol support as part of the Nokia email application. For these devices, there is no need to install any separate Mail for Exchange application. These devices include the latest and most advanced email feature set. The earlier smartphone models get Mail for Exchange functionality as an installable application that is available either preloaded or via Ovi Store.

Nokia smartphones with Exchange ActiveSync built into the email application:

Nokia E7, Nokia E75, Nokia E72, Nokia E5, Nokia E55, Nokia E52, Nokia C7, Nokia C6, Nokia N8, Nokia N86 8MP, Nokia 6710 Navigator, Nokia 6700 slide and Nokia 6730 Classic

Additional features for Mail for Exchange on these devices:

- View folders, search and sort email
- Create and respond to meeting requests
- Input is matched against contacts and sent email addresses
- Remote lookup: searches email addresses from your company directory
- Suggests word completions when typing
- Suggests error corrections when typing
- Learns new and frequently used words
- Gives easier access to special characters with long press
- Has simple email set-up
- Gives quick access via Home screen or Messaging One Touch key

Features that are both on built-in email application and installable Mail for Exchange application:

Always-on email:

- HTML email viewing with Exchange 2007
- Inbox subfolder, sent items and drafts folder support
- View inbox with an overview of email
- Create a new email
- 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**

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

** Requires Nokia device with touch support

Calendar synchronisation:

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

Contacts:

- Synchronise 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:

- Require a password for device lock
- Require alphanumeric password
- Minimum password length
- Require complex passwords
- Tracks password history
- Password expiration days
- Maximum inactivity timeout
- Maximum password attempts
- Local wipe after maximum attempts

Device wipe functions:

- Administrator can remotely wipe the device memory and memory card
- Device is wiped locally if the password is entered incorrectly a predefined number of times

Additionally, the administrator can control the following settings:

- Allow attachments to be downloaded on the device
- Set maximum attachment size (KB)
- Allow sync when roaming
- Allow HTML email viewing

Synchronisation:

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

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Nokia smartphones with installable Mail for Exchange email application:

Nokia E90, Nokia E71x, Nokia E71, Nokia E70, Nokia E66, Nokia E65, Nokia E63, Nokia E62, Nokia E61i, Nokia E61, Nokia E60, Nokia E51, Nokia E50, Nokia N97 mini, Nokia N97, Nokia N96, Nokia N95 8GB, Nokia N95, Nokia N93i, Nokia N93, Nokia N92, Nokia N91 8GB, 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, Nokia X6, Nokia 6790 Surge, Nokia 6790, Nokia 6760 slide, Nokia 6720 classic, Nokia 6650, Nokia 6290, Nokia 6220 classic, Nokia 6210 Navigator, Nokia 6210 classic, Nokia 6124 classic, Nokia 6121 classic, Nokia 6120 classic, Nokia 6110 Navigator, Nokia 5800 XpressMusic, Nokia 5730 XpressMusic, Nokia 5700 XpressMusic, Nokia 5630 XpressMusic, Nokia 5530 XpressMusic, Nokia 5500 Sport, Nokia 5320 XpressMusic, Nokia 5230, Nokia 3250.

Nokia smartphones supporting Exchange ActiveSync security policies:

Security policies are managed by Exchange Server administrator and provisioned to compatible Nokia smartphones over ActiveSync connection. Provisionable devices include all Nokia Eseries devices, all S60 3.2.3 and 5.0 devices and all Symbian^3 devices.

Supported servers:

Microsoft® Exchange Server 2010, 2007, 2007 SP1 and 2003 SP2.

For updates and further information, please go to: www.nokia.com/mailforexchange



Nokia E7

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