

Nexor Overseer 3.0

Nexor Overseer ensures that email messages within your organisation are handled in a timely fashion. It provides two principal pieces of functionality for mailboxes residing on an Exchange Server:

- Alert - of a message arriving in an unattended mailbox
- Redirection - of messages within a mailbox that have not been read

Both facilities are configurable on the priority and / or precedence of the message, as defined in the organisational security policy. Nexor Overseer can process both unprotected interpersonal and military messages, and S/MIME encrypted / signed messages.

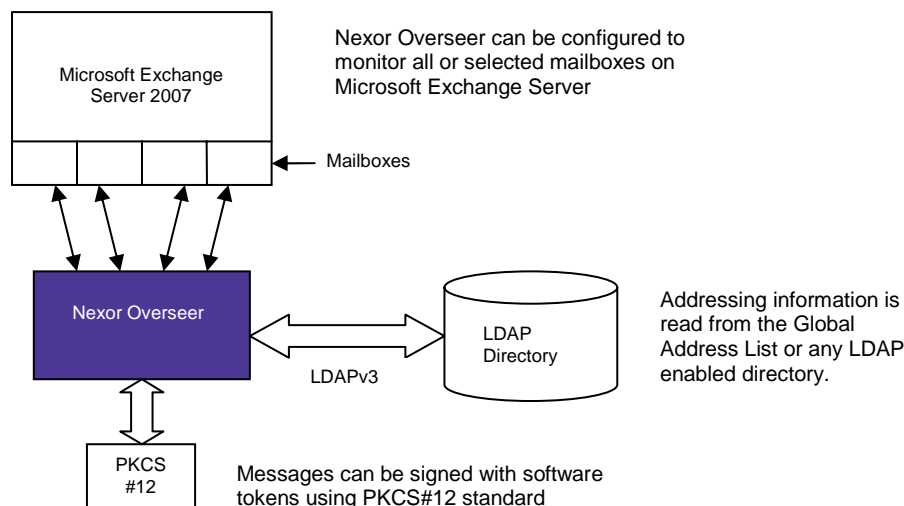


Figure 1: High-level Architecture

Product Features

Alerts

Nexor Overseer can be configured to generate an alert message that is sent to a designated recipient, for example, an alternate mailbox for the same recipient, when a message is received in an unattended mailbox.

The user is provided with a tool from within their email client with which to specify a set of rules to indicate which messages should generate an alert.

A configurable subset of information from the original message can be included in the alert message. Some of this information, for example the [ESS] security label, may be extracted from the outer S/MIME signature.

This feature is important when:

- You have more than one email account, possibly accessed from computers in different locations. Normally, you would have to log into each of them to determine whether you have received mail or not. For reasons of security, efficiency or economy, you may not wish to do this routinely.
- You may wish to have someone else notified of the receipt of mail when you are not currently at your workstation, so that appropriate action can be taken.

Key Features

Alerts

Alerts can be sent to alternate recipients or alternative mailboxes for the same recipients. This can be applied in accordance with the organisational security policy.

Redirection

When a message has not been actioned within a specified period of time, Nexor Overseer can redirect the message to alternative recipients or alternative mailboxes.

Platforms

- Microsoft Windows 2008
- Microsoft Exchange Server 2007

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Standards

- X.420 - Interpersonal Messaging System [P22]
- STANAG 4406 Edition 2 - [P772]
- RFC2251 - Lightweight Directory Access Protocol [LDAPV3]
- RFC3852 - Cryptographic Message Syntax [CMS]
- RFC 3854 - Securing X.400 content with S/MIME [X.400WRAP]
- PKCS#12 - Personal Information Exchange Syntax
- RFC3851 - S/MIME v3.1 Message Specification [S/MIMEV3]
- RFC2634 - Enhanced Security Services for S/MIME [ESS]

Product Features

Redirection

Messages that have not been read within a pre-determined period of time can be automatically forwarded to an alternate recipient. In particular:

A new message will be created, addressed to the forwarding address, containing the original message as an attachment. This ensures that the signature on the original message is preserved (if present) and can be verified by the alternate recipient.

The time that needs to elapse between receipt of a message and forwarding it to another mailbox can differ depending on the priority of the message, with urgent messages usually being sent in a shorter period than routine messages.

Nexor Overseer does not have to be able to decrypt the message in order to process it.

Message forwarding may be important if a critical member of your organisation is unavailable (ill, on holiday or just in a lengthy meeting) and messages arriving for that individual need to be actioned urgently.

Management and Configuration

Nexor Overseer is managed using a custom Microsoft Management Console (MMC) Snap-In. This allows the administrator to configure Nexor Overseer settings in the same location as other user/mailbox configurations.

The configuration of the alert and alternate recipients can be performed using the standard Microsoft Exchange Server 2000 Global Address List, or through the use of LDAP directory. The latter approach allows for greater centralisation of administration within a large system. In addition, by publishing the alternate recipient information in the directory, messages that are encrypted for a given recipient can also be encrypted for the alternate recipient in the case that the message is redirected. (For example, Nexor S/MIME Security encrypts messages in this manner.)

Security Modules

For organisations operating Nexor Overseer in a secure environment additional security modules are available. This means that the alert message itself has the option to be signed by Nexor Overseer using a private key from a PKCS#12 file, for example, to enable the alert message to pass through a Gateway or Guard which requires all messages to be signed.

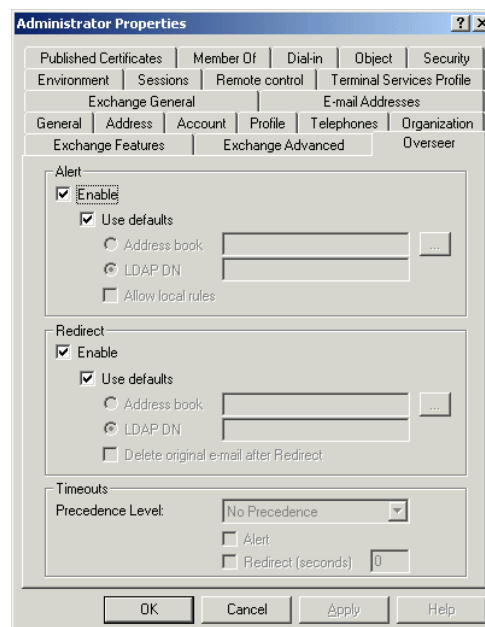


Figure 2: Nexor Overseer Mailbox Configuration