

Getting Started Guide





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About This Guide

The aim of this guide is to provide information about installing and configuring Exclaimer Signature Manager Exchange Edition. Here, you can find out about system requirements, licensing, what changes occur on your system when Exclaimer Signature Manager Exchange Edition is installed and the installation process itself.

Installation details are provided for a standard install (via an install wizard) and for a 'silent' install on remote servers (via the command prompt). Having installed Exclaimer Signature Manager Exchange Edition, detailed help for all aspects of the application can be found in our <u>online user manual</u>.

If you require further information, you can always <u>contact us</u>.

Signature Manager Exchange Edition Overview

Exclaimer Signature Manager Exchange Edition allows you to create great looking, professional signatures centrally (including company branding, legal disclaimers and promotional content) and to control the circumstances (i.e. rules) under which these signatures should be applied to email messages that are sent from your organization.

Signature Content

With the ability to create rich, highly creative templates (including tables, images and dynamic Active Directory fields) and to add these before or after original email messages, a signature has the potential to be so much more than just contact details. With Exclaimer Signature Manager Exchange Edition, you can consistently apply personalized signature details, legal disclaimers, corporate branding, banners (e.g. for sales promotions and corporate events) and so much more...the possibilities are immense.

Exclaimer Signature Manager Exchange Edition includes a library of professionally designed templates which can be used 'out of the box', or as a start point for creating your own versions. New templates can be created and existing templates are edited using an intuitive template editor, which will be familiar to anyone who has worked with Microsoft Outlook.

Templates are created in HTML, RTF and Plain Text formats to cater for all situations, with an instant preview feature so you can see, at a glance, how your template will be displayed within email messages.

Signature Rules

Having created any number of signature templates, it is likely that you will want to specify criteria (i.e. rules) which must be met to determine which signature should be applied to messages.

At a basic level, this might be as simple as saying 'apply this template to all messages' - but other times you may have more complex requirements. For example, you might choose to apply different signatures according to the sender, or according to the day of the week, or dependent upon the content of the email body and/or subject line...a vast range of scenarios can be achieved using signature policies.

A signature policy can be thought of as a set of rules which are specified to control how signatures are applied to email messages. With a range of conditions and exceptions (which can be applied to messages sent and received both internally and externally), you determine if, when and how signatures are applied.

Complete Control

Perhaps one policy isn't enough - perhaps you need to apply (or not apply) certain signatures according to whether or not a previous signature has already been applied. With Exclaimer Signature Manager Exchange Edition, you can create policy chains to define such dependencies.

And there's no need to worry about complicated testing processes, since Exclaimer Signature Manager Exchange Edition includes an intuitive policy tester which will simulate the process of sending and receiving email messages so you can quickly see if policies are defined correctly.

How It Works

Signature templates and associated policies are defined centrally, by an administrator.

When a user sends an email message, the message is checked against all defined signature policies and, if it matches specified criteria for a policy, that policy is applied and associated signature content is added to the message.

All of this happens 'behind the scenes' - the message that is finally received at the other end can be quite different to the one that the user sees when they press 'send'. Depending on how signature policies and templates are defined, the final message might be displayed in a different way, and signature content will be included.

If required, the sent items update feature can be used to store sent messages exactly as they were received (i.e. the processed version), or to store the original version of the message AND the processed version.

Licensing

Our aim is to get you working with Exclaimer software as quickly as possible, with minimal restrictions. As such, we have implemented a flexible licensing policy.

If you have installed Exclaimer software for the first time, you can use it for five days without any form of registration. After five days, you are prompted to register for a 30-day trial. During the trial period, all signatures are appended with the following text:

This Signature was created by Exclaimer Signature Manager Exchange Edition

This text is only added when signatures are generated within the trial period; once the license is activated the message is removed. Having completed this trial, you can either:

- Purchase the product from the <u>Exclaimer website</u> (http://www.exclaimer.com) or by contacting the <u>Exclaimer sales team</u> (sales@exclaimer.com)
- Contact the Exclaimer sales team to extend your trial

Licensing Information

Having installed Exclaimer Signature Manager Exchange Edition, licensing information and options can be found on the licensing tab within the Exclaimer Console:

i Exclaimer Console	Save Cancel
🍥 New 👻 🌒 Register For 30 Day Trial 📳 Buy Now 📓 A	ctivate Full License
🕞 Settings 🔸 Licensing 🛃 Remote Deployment 🥥 Hel	lp
A Licensed Customer Details:	
Company Name: Exclaimer	
Contact Name: Exclaimer	
Email: sales@exclaimer.com	
Licensed Product Details:	
Features	License information
🖃 🗊 Order #4111 (06/08/2013)	F7P39-Y9TGX-QHLVP-48L7N-9CEBZ
🗄 🐻 Signature Manager Exchange Edition	NOT FOR RESALE LICENSE.
🐻 Signatures	NOT FOR RESALE LICENSE. 365 Days remaining of your license period.
Support Subscription	365 Days remaining of your support subscription period.

You can access this by selecting the Exclaimer branch of the console tree and clicking the licensing tab, or by selecting licensing from the actions pane.

System Requirements

System requirements for hardware and software are summarized in the following sections.

Hardware

Item	Minimum Requirements	Recommended Requirements
CPU	x86 or x64 architecture-based computer. Intel Itanium family IA64 processors are not supported.	x86 or x64 architecture-based computer. Intel Itanium family IA64 processors are not supported.
Memory	2GB	4GB
Disk Space	350MB	500MB
Screen Resolution	1024 x 768 pixels	1152 x 864 or higher

Note that Intel Itanium family IA64 processors are not supported.

Software

Item	Minimum Requirements
Operating Systems	Windows Server 2003 R2 x64 (including all service pack levels)
	Windows Server 2008 x64 (including all service pack levels)
	Windows Server 2008 R2 x64 (including all service pack levels)
	Windows Server 2012
	Windows Server 2012 R2
	Windows Small Business Server 2008
	Windows Small Business Server 2011
Exchange Server	Microsoft Exchange Server 2007 SP1 Rollup 5 and above
	Microsoft Exchange Server 2010 RTM and above
	Microsoft Exchange Server 2013 RTM
	Microsoft Exchange Server 2016 RTM
Exchange Server Roles	Microsoft Exchange Hub Transport Server (2007 & 2010)
	Microsoft Exchange CAS and or Mailbox Server (2013-2016)
Microsoft .NET Framework	Microsoft .Net Framework 4.5.2+

Installation Overview

Exclaimer Signature Manager Exchange Edition serves signatures via a Microsoft Exchange Transport Agent. As such, it must be installed on a server that has the Microsoft Exchange Hub Transport Role installed.

The installation process is comprised of two parts - <u>installation</u> [pg.12] and <u>setup</u> [pg.16]. Both stages are quick and easy to complete, using a familiar 'wizard' approach to guide you through each process, step-by-step.

The installation process includes the Exclaimer license agreement and copies files to your preferred destination folder. Once complete, the setup wizard is launched, so you can configure basic settings for Exclaimer Signature Manager Exchange Edition, which will enable you to get started as soon as the wizard is complete.

System Changes

The installation process makes the following changes to your system:

- The Exclaimer Signature Manager Exchange Edition Transport Agent is installed with a Priority set to 1
- The Exclaimer Signature Manager Exchange Edition Configuration Service is installed.
- The Exclaimer Signature Manager Exchange Edition Remote Deployment Service is installed
- The Exclaimer Signature Manager Exchange Edition Sent Items Update Service is installed
- The Microsoft Exchange Transport Service is restarted (this is required to ensure that the Transport Agent installation change takes effect with the Microsoft Exchange server)



In multi-server environments, **Exclaimer Signature Manager Exchange Edition** should be installed on each **Hub Transport** server that processes messages which require signatures. For further information about installing on multiple servers, please refer to the <u>Remote Deployment</u> [pg.22] and <u>Command Line Installation</u> [pg.26] sections of this guide.

File Location(s)

As part of the installation process, you are asked to specify a destination folder, into which program files will be installed. The default folder is C:\Program Files\Exclaimer Ltd\Signature Manager Exchange Edition.

In addition to program files, a number of configuration files are copied to your system. The location of these files varies according to operating system, as summarized below:

Operating System	Configuration Folder Path
Windows Server 2003 R2 x64	\Documents and Settings\All Users\Application Data\Exclaimer Ltd\Mail Disclaimers
Windows Server 2008 x64	\ProgramData\Exclaimer Ltd\Mail Disclaimers
Windows Server 2008 R2 x64	
Windows Server 2012	
Windows Server 2012 R2	
Windows Small Business Server 2008	
Windows Small Business Server 2011	

Downloading Signature Manager Exchange Edition

The Exclaimer Signature Manager Exchange Edition installation file is named setup.exe and can be downloaded from the products page on the <u>Exclaimer website</u> (www.exclaimer.com).

Once downloaded, setup.exe should be run on all Exchange 2007 and 2010 servers with the Hub Transport Role, and on all Exchange 2013 and 2016 servers with the Mailbox Role.



If you are installing Signature Manager Exchange Edition on more than one Exchange server, you should also check remote deployment options [pg.22].

The Installation Wizard

1. Double click the setup file to start the installation and display a welcome message:

WinZip Self-Extractor - SMEE Installer.	exe
Welcome to Exclaimer Signature Manager Exchange Edition setup.	Setup
Press the setup button to install Exclaimer Signature Manager Exchange Edition.	Cancel
	About

2. Click setup to launch the setup wizard:

B Exclaimer Signature	Manager Exchange Edition Setup 🛛 🗕 🗖 🗙
6	Welcome to the Exclaimer Signature Manager Exchange Edition Setup Wizard
	Please wait while the Setup Wizard prepares to guide you through the installation.
	Computing space requirements
<pre> exclaimer* </pre>	
	Back Next Cancel

3. Click next to view the end-user license agreement:



4. Having read the license agreement, check the I accept the terms in the license agreement box and click next to select a destination folder for installed files:

👸 Exclaimer Signature Manager Exchange Edition Setup 💶 💌
Destination Folder Click Next to install to the default folder or click Change to choose another.
Install Exclaimer Signature Manager Exchange Edition to:
C:\Program Files\Exclaimer Ltd\Signature Manager Exchange Edition\ Change
Back Next Cancel

From here you can accept the default folder, or click change to specify a new location.

5. Click next to confirm the destination folder and prepare the installation:



6. Click install to perform the installation:

😕 Exclaimer Signature Manager Exchange Edition Setup 💶 💌
Installing Exclaimer Signature Manager Exchange Edition
Please wait while the Setup Wizard installs Exclaimer Signature Manager Exchange Edition.
Status: Configuring Signature Manager Exchange Edition
Back Next Cancel

7. Once files are copied, click finish:

B Exclaimer Signature	Manager Exchange Edition Setup 📃 🗖 🗙
A	Completed the Exclaimer Signature Manager Exchange Edition Setup Wizard
	Click the Finish button to exit the Setup Wizard.
	✓ Launch Signature Manager Exchange Edition Console
exclaimer	
	Back Finish Cancel

8. The installation is now complete and the <u>setup wizard</u> [pg.16] is launched so you can confirm basic settings and get started with Exclaimer Signature Manager Exchange Edition.

The Setup Wizard

Having installed Exclaimer Signature Manager Exchange Edition, the setup wizard must be completed. This wizard takes you through the basic setup required to get started with the product, as shown below.

1. The first stage of the setup wizard displays summary information about the process:

Exclaime	r Signature Manager Exchange Edition Setup Wizard
Welcome Policy Setup Conditions Select a template Template Preview Summary	Welcome Welcome to the Exclaimer Signature Manager Exchange Edition Setup Wizard This wizard will guide you through a few easy steps to set up Exclaimer Signature Manager Exchange Edition and to create your first policy for adding signatures to your email. During this wizard you will set up a Signature Policy. This consists of a template of text and/or images that is added to an email if it
	meets one or more conditions. This wizard will allow you to configure your policy with a signature template from the supplied library, and to specify whether it applies only to one user's messages for testing purposes, or whether it applies to messages from a wider group of users.
Help	< <u>Back</u> <u>Next></u> <u>Cancel</u>

2. Click next to move to the next stage to view an introduction to the policy setup that you are about to complete:

Exclaime	er Signature Manager Exchange Edition Setup Wizard
 Welcome Policy Setup 	Policy Setup Create a policy to add signatures to messages
Select a template	You are now ready to create a policy that adds signatures to any email messages that meet specific conditions. A policy consists of a set of conditions and a signature template.
📮 Summary	The set of conditions allow you to specify which messages will have signatures applied to them. A signature template is made up of text, images and/or Active Directory fields. This extra content is added to an email if the message meets the set of conditions.
	The wizard will default to a condition that only applies signatures to messages where both the sender and recipient are 'Administrator', for testing purposes. You may change this if desired.

3. Click next to move to the next stage and set conditions for your first signature policy. For testing purposes, default, conditions are set so that the policy will be triggered for any emails where both the sender and the recipient are set to be the currently logged-in user. You can update these conditions now, or at any time after the installation, so if you are not sure what to set at this point, simply accept default conditions and continue:

Exclaime	er Signature Manager Exchange Edition Setup Wizard
 Welcome Policy Setup Conditions Select a template Template Preview Summary 	Conditions Specify the conditions that will determine which messages have signatures applied to them ✓ Select condition(s) Image: All Messages Image: The Sender is someone Image: The Subject contains specific words or phrases The Body contains specific words or phrases Image: One or more message headers contains specific words or character sequences Image: The Message is a Meeting Request, Update or Response
	 The message is a rask needed of opdate No previous policy of this type has been applied It is a condition by clicking an underlined value Policy applies to messages where: The sender is one of the following users: <u>Administrator</u> The sender will be identified using the message's FROM field. and The recipient is one of the following users or distribution groups: <u>Administrator</u> Messages will be split when some but not all recipients meet a condition. Where messages are sent to distribution groups, conditions will operate on the members of the list, not the list itself.
Help	Apply policy when all conditions are met Apply policy when any condition is met < <u>Back</u> <u>Next></u> <u>Cancel</u>

4. Click next to move to the next stage and select a template to associate with your first policy. A number of standard templates are provided but you can update this template at any time after the installation. If you are not sure what to select at this point, simply accept the default and continue:

Welcome Policy Setup	Select a template Choose a signature template to apply t	o me	ssages that meet the policy co	Inditions	
Conditions	Blank Templates		Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer Terrer		
Template Preview Summary	Blank Template - Disclaime		En en dezeniet Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration Ministration	And Statistics And Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics	
	Letterhead style				
	 Outgoing Style 1 Outgoing Style 2 Exclaimer Corporate Letter Letterhead 1 - eSpiral Letterhead 2 - GreenOrg Letterhead 3 - xchangeUK Letterhead 4 - DataPlus Letterhead 5 - NRB Dataplus Letterhead Green Letterhead Orbit Letterhead Tapestry Letterhead xChange Letterhead 		Blank Template - Disclaimer under reply	Blank Template - Disclaimer at the bottom	5

5. Click next to preview the selected template, to see how it would be presented in the context of an email message:

Exclain	ner Signature Manager Exchange Edition Setup Wizard				
 Welcome Policy Setup Conditions Select a template Template Preview Summary 	Template Preview This is an example message with your selected signature template added to it If your signature template uses fields from the Active Directory you can enable the "Display Data from User" option below and select a user from your environment. This will replace the fields with the actual data from that user's relevant Active Directory attributes. You can modify the template by pressing the Edit button.				
	Dear Mr Smith, Using this email as an example, you should be able to see the signature added to it as specified in the template. As this email contains a reply you should even be able to see the content added below my message and above your one, if you designed the template to make use of this feature. Thank you for contacting Exclaimer.				
	[Insert your disclaimer here]				
	Original Message From: John Smith Sent: 31 January 2010 10:25 To: Exclaimer Sales Subject: Exclaimer Signature Manager Exchange Edition				
	Display Data from User				
Help	< <u>B</u> ack <u>Next></u> <u>C</u> ancel				

If the selected template contains Active Directory fields, the preview might vary depending on which user is associated with the message. If required, you can select a specific user via the display data from user option at the bottom of the preview window.

6. If you wish to edit the selected template, click the edit button to open the template editor and make required changes.

7. Click next to complete the process and start Exclaimer Signature Manager Exchange Edition in the Exclaimer console:

Exclaiment	r Signature Manager Exchange Edition Setup Wizard
Welcome Policy Setup	Summary Congratulations. You have completed the Setup Wizard
Conditions Select a template Template Preview	Exclaimer Signature Manager Exchange Edition is now set up and configured with a policy for applying signatures to all messages that meet the policy's conditions. You can make further enhancements and add extra policies from within the Exclaimer Console.
Summary	Launch Exclaimer Console
Help	< <u>B</u> ack <u>Finish</u>

NOTI

Having completed the installation process, it is a good idea to check **Exclaimer console settings**. If you wish to manage multiple servers, you should also check <u>remote deployment options</u> [pg.22].

Remote Deployment

If you have multiple Exclaimer installations on your network (for example, you might have servers in different offices around the country), you can manage configuration in a single location and deploy this to all other servers. To do this, use the remote deployment tab to specify a shared location:

😑 Exclaimer Console		Save	() <u>C</u> ancel
Oew ▼			
📑 Settings 🔩 Licensing 📕	gRemote Deplo	yment 🕝 He	P
Remote Deployment		1	
Folder:			🛆

Then, whenever you save any changes to the configuration, you are asked to confirm if you would like to deploy them to other servers. If you opt to deploy changes, a file is written to the remote deployment folder and imported by the other installations.

NOTE

Initially, Exclaimer software must be installed on each server - installation cannot be completed via remote deployment. Once installed, specify a **remote deployment folder** to manage subsequent configuration changes with **remote deployment** (each installation must have the same **remote deployment** folder).

How It Works

The remote deployment folder is defined using the remote deployment tab within the Exclaimer Console. The specified folder must be a shared folder on the network (only one remote deployment folder should be used on an entire domain). When configuration changes are saved, the computer (on which those changes have been saved) pushes new configuration data to the remote deployment folder.

Remote machines receive notification from the operating system when new configuration data is detected in the shared folder, and they then pull (i.e. import) that data into their local installation. Push and pull operations are completed via the Exclaimer Signature Manager Exchange Edition Remote Deployment service.

The Remote Deployment Folder

Create a shared folder on your network that will be accessible by all machines that are running Exclaimer Signature Manager Exchange Edition.

If you do not want the share to be visible to users, you should use a hidden share. This is done by adding a dollar (\$) symbol to the end of the share name. Hidden shares cannot be viewed when browsing the network with Explorer, for example.

Ensure that the user who is logged into the Exclaimer console (that is saving data) has read and write access to this folder.

The following sections detail two methods of applying folder permissions. These are applicable for both the sharing and the NTFS Security permissions of the shared folder - i.e. you must make the same permission changes in both the sharing and security tabs of the folder's properties dialog.

Folder Permissions (Easy Method)

Allow the Everyone group to have Read permissions.

Folder Permissions (Secure Method)

Allow Read permissions only for the computer account of each server with Exclaimer Signature Manager Exchange Edition installed upon it.

This is essential because the Exclaimer Signature Manager Exchange Edition Remote Deployment service runs under the LocalSystem account; this account (as the name suggests) only has access to the local system of the machine that it is running on - not to any network resources.

The only way this account can ever see a network resource is when the computer account is given specific access to that resource - i.e. the folder on the network resource allows itself to be accessed by the LocalSystem account of a specific remote machine. In this case, access is restricted to only reading data from the remote deployment folder.

Example permission settings are shown in the following page.

Example permission settings

Permissions for RemoteDep	loyment	🗙 📙 Permissions for RemoteDeployment 🛛 🛛 🗙
Share Permissions		Security
Group or user names:	n\Domain Admins) (EXCHANGE1\$) (EXCHANGE2\$) (EXCHANGE3\$) Add Remove	Object name: C:\RemoteDeployment Group or user names: Image: Comparin Admins) Image: Domain Admins (TestDomain\Domain Admins) Image: Comparin Admins) Image: SYSTEM Image: Comparin Admins) Image: EXCHANGE1 (TestDomain\EXCHANGE1\$) Image: Comparin Admins) Image: EXCHANGE2 (TestDomain\EXCHANGE2\$) Image: Comparin Admins) Image: EXCHANGE3 (TestDomain\EXCHANGE3\$) Image: Comparin Admins)
Permissions for WS01 Full Control Change Read	Allow Deny	Add Remove Permissions for WS01 Allow Deny Full control Image: Control Image: Control Modify Image: Control Image: Control Read & execute Image: Control Image: Control List folder contents Image: Control Image: Control Read Image: Control Image: Control
Learn about access control and	permissions	Learn about access control and permissions
OK	Cancel Apply	OK Cancel Apply

Share Permissions

Security Permissions

Remote Deployment Timings

As soon as the Exclaimer Signature Manager Exchange Edition Remote Deployment service notices that there has been a change to the remote deployment folder, it starts a timer. Every ten seconds a check is made to see if the file has been written to in the last five seconds. If it has not, the file is added to a queue which will perform the actual import; otherwise the file remains in the timer list.

This means that the import should begin a maximum of ten seconds after the save finishes, though in practice it could be a little more than this depending on server load and how quickly the import thread is given control by the operating system. Similarly, the import could begin sooner, depending on when the save completes relative to the timer interval.

Before checking that configuration changes have been applied successfully on remote machines, sufficient time should be allowed for those machines to actually perform the import (the import can take some time with complex configurations).

Changing an Existing Remote Deployment Folder

If all Signature Manager Exchange Edition installations are set to point to a specific remote deployment folder and you later decide to change that folder, there is no need to manually change every server to point to the new location.

Having changed the location on one machine and saved the configuration, that machine will write a copy of the configuration data to both the old AND the new locations. Any servers pointing to the old location will import the configuration which includes the new remote deployment folder path so on subsequent deployments, they will pull data from the new location.

As such, you are advised NOT to delete the old remote deployment folder until enough time has elapsed for all remote machines to import the configuration file that contains the new folder location.

Command Line Installation

If you are installing Exclaimer Signature Manager Exchange Edition on multiple servers (for example, at different offices in different locations), you can complete all required configuration on one server, then export that configuration and import it at other locations.

To save time, you can perform a 'silent' installation at other locations, using command line options. A command line installation installs Exclaimer Signature Manager Exchange Edition without the need to step through the <u>installation wizard</u> [pg.12].

Programs and services are installed and when Exclaimer Signature Manager Exchange Edition is launched, the <u>setup wizard</u> [pg.16] is launched. You need to step through the setup wizard but once this is done, you can import your original configuration file.

NOTE

For further information about importing and exporting configuration files, please refer to the User Guide or Online Help for Exclaimer Signature Manager Exchange Edition.

Required Preparation

Command line installations are run using an MSI installation, rather than the standard setup.exe. To obtain the required MSI installation file, please contact <u>Exclaimer support</u> (support@exclaimer.com).

Supported Command Line Options

The following options are supported for a command line installation:

Parameter	Description
INSTALLLOCATION	Where the application should be installed. This corresponds to the Installation Directory screen in the standard installation wizard.

For example:

```
"Signature Manager Exchange Edition Install.msi" /qn
INSTALLLOCATION="D:\Program Files\Exclaimer Ltd\Signature Manager Exchange
Edition\"
```

Note that environment variables cannot be used in paths - you must specify full paths explicitly.

Uninstalling Signature Manager Exchange Edition

The uninstall process removes the following items for Exclaimer Signature Manager Exchange Edition:

- Application program files
- The Exclaimer Signature Manager Configuration Service
- The Exclaimer Signature Manager Remote Deployment Service
- The Exclaimer Signature Manager Sent Items Update Service

Configuration files are **not** removed as part of the uninstall process. The location of these files on your system depends upon which operating system is in use, as summarized below:

Operating System	Configuration Folder Path
Windows Server 2003 R2 x64	\Documents and Settings\All Users\Application Data\Exclaimer Ltd\Mail Disclaimers
Windows Server 2008 x64	\ProgramData\Exclaimer Ltd\Mail Disclaimers
Windows Server 2008 R2 x64	
Windows Server 2012	
Windows Small Business Server 2008	
Windows Small Business Server 2011	

Preparation

As a precaution you may wish to export your configuration before running the uninstall process.

The export includes all settings for Exclaimer Signature Manager Exchange Edition. These are written to an econfig file, a proprietary file type for Exclaimer products. To export current settings, follow the steps below:

- **1.** Open the Exclaimer Console.
- 2. Ensure that Exclaimer is selected in the console tree (i.e. the topmost branch).
- **3.** Select export current configuration settings from the actions pane, or from the action menu. The export configuration window is displayed.
- 4. Navigate to the required drive and folder, to which the export file should be saved.
- 5. Specify the required file name for the export file.
- 6. Click save to complete the export.

Running the Uninstall Process

There are two ways to start the uninstall process for Exclaimer Signature Manager Exchange Edition:

- Activate the original setup.exe and choose the uninstall option; then follow on-screen instructions.
- Use programs and features; then follow on-screen instructions.

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