



Installation

Help Documentation

Installation

Getting Started

This help topic will help you understand how to get SmarterMail up and running, and explains the best practice for installing SmarterMail for the first time.

- Installing SmarterMail
- Setup under IIS (optional)
- Log in as the Administrator
- Activate SmarterMail
- Change the Administrator Password
- Add an Email Domain to SmarterMail
- Configure DNS for the Domain

Installing SmarterMail

SmarterMail comes as a single installation file that contains everything necessary to run the product. The SmarterMail installer can be downloaded from www.smartertools.com. The free version and the licensed version of SmarterMail are both contained within this installation file, so it will not be necessary to download or install the file again if you purchase a license after trying the free version.

Note: Users of Windows 2003 Advanced Server need to install SmarterMail from Add/Remove Programs in the control panel in order for file permissions to be properly set.

	Run the installer, and choose a location to install the files.
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Setup IIS (optional)

SmarterMail comes equipped with a web server that allows those that do not have IIS to use the webmail. SmarterTools recommends using IIS if you have it, however, as it is more capable than the included web server. If your computer is equipped with IIS 5.0 or later, follow the instructions in the topic [Running as an IIS Site](#).

	If you have IIS 5.0 or later, convert the web interface to run under IIS.
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Log in as the Administrator

NOTE: The shortcut placed on your desktop when you install the software will automatically log you in as the system administrator, but only until you change the URL of the interface or the system administrator login. After that, you will need to update the shortcut.

All administration of SmarterMail is performed through the web interface. There are three different levels of user that determine what can be seen when using the web interface:

- System Administrator - This account lets you manage all facets of your mail server
- Domain Administrator - Every domain added to SmarterMail needs to have a domain administrator that is in charge of the domain. This offloads the responsibility of managing users and domain-specific settings from the System Administrator.
- Email User - This level of access is for people who are logging in to view their webmail.

	Use your browser to navigate to http://127.0.0.1:9998 . If you have converted SmarterMail to run with IIS, browse to the URL you chose when adding the IIS web site.
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	Use " admin " for the email address field, and " admin " for the password field (without the quotes). If you have changed the system administrator's username or password, you should use those values instead.
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Activate SmarterMail

Upon logging in as the administrator for the first time, the product will run as the Free Edition, limited to 1 domain with up to 10 users. If you have a license key for SmarterMail, go to Help -> Activate Product, and you will be presented with the activation wizard. Please refer to the help topic Activating SmarterMail for more information on this process.

	Activate SmarterMail, if necessary.
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Change the Administrator Password

The most important step in locking down the security of your mail server is changing the System Administrator username and password. Once you change the username and password, you will need to remember the values you used, so either write them down, or use information you can remember.

Also, bear in mind that the password is case-sensitive. To change the login, follow the steps below:

	From the Settings menu at the top of the page, choose General Settings.
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	Enter a new system administrator username and password into the fields in the Security section.
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	Write down the username and password and store it in a secure location.
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	Click on the Save button to save your changes to the system.
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Add an Email Domain to SmarterMail

Detailed instructions for adding a domain can be found in the topic [Adding a Domain](#) .

	From the Manage menu at the top of the page, choose Add Domain.
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	Add a domain to SmarterMail, noting it's IP address for the DNS changes below.
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Configure DNS for the Domain

There are three major things to set up on your DNS server for each site you add to SmarterMail: An A Record, an MX Record, and a Reverse DNS Record. How you set these up is dependant on who hosts your DNS, and what DNS software is used. Check your DNS server documentation for instructions on how to set up the following records (replace example.com with the proper domain name).

Also, please bear in mind that your DNS may need to be set up differently. This is only a guideline that is recommended for most installations.

	WebMail URL (A Record) - Add an A or CNAME record for mail.example.com that points to the IP address of the webmail interface. This will allow users of that domain to access the webmail by typing in <code>http://mail.example.com</code> or <code>http://mail.example.com:9998</code> in their web browser (depending on whether you use the included web server or IIS).
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	Mail Pointer (MX Record) - Add an MX record for example.com that points to the IP address that you assigned when adding the domain to SmarterMail. This will allow other email servers to locate your mail server.
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	Reverse DNS Record - Add a reverse DNS record for IP addresses assigned on the server to provide extra assurance to other mail servers. Also, it is recommended that the primary IP address of the server also have a reverse DNS record.
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Running Web Interface Under IIS

By default, SmarterMail will install a basic web server that allows you to start using SmarterMail immediately after installation. However, it is recommended that you move SmarterMail to a more

robust and secure web server, such as Microsoft's Internet Information Server (IIS). To configure SmarterMail to run under IIS 5.0 or higher, follow the step-by-step instructions below.

This section explains how to setup SmarterMail as its own IIS site (recommended method). If you wish to run SmarterMail as a virtual directory under an existing IIS site, [click here](#).

Note: This topic assumes that you are familiar with IIS and how it works. SmarterTools recommends that you use the web server included with SmarterMail if you do not feel comfortable using IIS.

Note: Several steps that were necessary under SmarterMail 1.x are no longer necessary, and thus have been removed from this topic.

Install IIS (if necessary)

	Click on Start -> Control Panel -> Add Remove Programs
	Click on Add / Remove Windows Components.
	Check the box for Internet Information Services (IIS).
	Complete the Wizard and wait for the installation to complete.
	<p>If Microsoft.Net mappings are not correct (for example, if you install IIS after Microsoft.Net), run the following at the command prompt (replace "\Windows\" with "\WinNT\" for Windows 2000 installations):</p> <ul style="list-style-type: none"> • c: • cd \Windows\Microsoft.Net\Framework\v1.1.4322 • aspnet_regiis -i

Disable the SmarterMail Web Server

While not absolutely necessary, this step will improve security on your server and is highly encouraged.

These steps will stop and disable the Web Server included with SmarterMail. They will also have the side-effect of disabling the shortcut to SmarterMail on your desktop until you update it with the new URL for SmarterMail.

	Click on Start -> Program Files -> SmarterTools -> SmarterMail -> Configure SmarterMail Web Server
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	Click on the Stop button
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	Change the Startup Mode to Disabled and click on the Apply button
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	Click on the Close button
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Add SmarterMail to IIS

	Click on Start -> Control Panel -> Administrative Tools -> Internet Information Services (IIS)
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	Right-click on the web sites tree on the left of the page and choose New -> Web Site
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	When asked for a description, enter SmarterMail
	Choose the IP address to use for webmail. If this IP address is shared with another web site, you will need to use a different port or Host Headers. For more information about using Host Headers, refer to the IIS documentation.
	For Path, use "C:\Program Files\SmarterTools\SmarterMail\MRS" (or use the location in which you installed SmarterMail).
	Leave the "Allow anonymous access to this web site" box checked.
	When asked what permissions to grant, choose only Read and Run Scripts.
	Finish the wizard
	Open the web site tree for the new IIS site and right click on the mailprocessing directory. Choose Properties from the pull-down menu.
	In the Execute Permissions dropdown box, choose "None"

	Click on OK to save the settings
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Verify IIS Settings

	If you are using Windows 2003, verify that the ASP.NET v1.1.4322 Web Service Extension is set to Allowed in IIS. If you do not see ASP.NET under Web Service Extensions, ensure that ASP.NET is enabled in the Application Server. (Control Panel -> Add / Remove Programs -> Windows Components -> Application Server -> Details)
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	Ensure that the default document for the site is Default.aspx (under the Documents tab)
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Update DNS

	If any domains are already setup with SmarterMail, make sure to update their webmail DNS records to point to the new IP address.
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Test the Site

	Open up a web browser, and type in the IP address of the site you just added.
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Running Web Interface Under an Existing IIS Site

By default, SmarterMail will install a basic web server that allows you to start using SmarterMail immediately after installation. However, it is recommended that you move SmarterMail to a more robust and secure web server, such as Microsoft's Internet Information Server (IIS). To configure SmarterMail to run under an existing web site in IIS 5.0 or higher, follow the step-by-step instructions below.

This section explains how to setup SmarterMail as a virtual directory under an existing IIS site. This is not the recommended method. While it will function properly, it is recommended that you set SmarterMail up as its own IIS site instead. To learn how to set SmarterMail up on its own IIS site, [click here](#).

Note: This topic assumes that you are familiar with IIS and how it works. SmarterTools recommends that you use the web server included with SmarterMail if you do not feel comfortable using IIS.

Note: Several steps that were necessary under SmarterMail 1.x are no longer necessary, and thus have been removed from this topic.

Disable the SmarterMail Web Server

While not absolutely necessary, this step will improve security on your server. As a result, while not mandatory, this step is highly encouraged.

These steps will stop and disable the Web Server included with SmarterMail. They will also have the side-effect of disabling the shortcut to SmarterMail on your desktop until you update it with the new URL for SmarterMail.

	Click on Start -> Program Files -> SmarterTools -> SmarterMail -> Configure SmarterMail Web Server
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	Click on the Stop button
--	--------------------------

	Change the Startup Mode to Disabled and click on the Apply button
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	Click on the Close button
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Add SmarterMail to an IIS Site

	Click on Start -> Control Panel -> Administrative Tools -> Internet Information Services (IIS)
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	Open up the Web Sites tree and locate the site under which you want to place SmarterMail
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	Right-click on the web site and choose New -> Virtual Directory
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	When asked for an Alias, enter "SmarterMail", "Mail", or another name. This will be used in the URL to get to webmail, as in http://www.example.com/smartermail .
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	For Path, use "C:\Program Files\SmarterTools\SmarterMail\MRS" (or use the location in which you installed SmarterMail).
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	When asked what permissions to grant, choose only Read and Run Scripts.
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	Finish the wizard
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	Open the web site tree for the new IIS site and right click on the mailprocessing directory. Choose Properties from the pull-down menu.
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	In the Execute Permissions dropdown box, choose "None"
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	Click on OK to save the settings
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Verify IIS Settings

	If you are using Windows 2003, verify that the ASP.NET v1.1.4322 Web Service Extension is set to Allowed in IIS. If you do not see ASP.NET under Web Service Extensions, ensure that ASP.NET is enabled in the Application Server. (Control Panel -> Add / Remove Programs -> Windows Components -> Application Server -> Details)
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	Ensure that the default document for the site is Default.aspx (under the Documents tab)
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Update DNS

	If any domains are already setup with SmarterMail, make sure to update their webmail DNS records to point to the new site.
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Test the Site

	Open up a web browser, and type in the URL of the virtual directory (ex. http://www.example.com/virtualdirectory).
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Activating SmarterMail

UPDATE: Activating an installation on this version requires manual activation. Please contact the SmarterTools Sales Department for assistance.

In order for SmarterMail to function for more than 1 domain with 10 users, the product must be activated. If you move SmarterMail to another server, you may have to re-activate the product in order for it to work. To get to the product activation wizard, click on the Help menu and choose Activate Product.

If you have any difficulties activating SmarterMail, please contact SmarterTools support. Information can be found at www.smartertools.com.

Upon going to the Activate Product page, you will be presented with a screen showing your current license details. In order to complete this step, you will need a valid license key and password that were emailed to you when you obtained your license key. Enter in the information from the email into the boxes and click on Activate Now to complete the activation.

Note: Activation of a license key requires the server to contact SmarterTools over port 443 (HTTPS). Please ensure that any firewall or internet security software you have installed allows an outgoing TCP port 443 request.

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Installation Checklist

This checklist highlights the important steps to get SmarterMail up and running. For more details on each item, click on the more info links.

	Run the installer, and choose a location to install the files. more info
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	If you have IIS 5.0 or later, convert the web interface to run under IIS. more info
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	Login to SmarterMail as the System Administrator. more info
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	If you have a license key, Activate SmarterMail. more info
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	Change the System Administrator username and password. more info
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	Add a domain to SmarterMail. more info
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	Configure DNS settings for the domain. more info
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