Faronics Anti-Executable™ Standard

ABSOLUTE Protection from Unauthorized Executables

User Guide

Faronics™
Intelligent Solutions for ABSOLUTE Control

www.faronics.com

Last modified: June, 2010

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Preface

Anti-Executable protects computers by preventing unauthorized executables from running.

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Important Information

This section contains important information about your Faronics Product.

About Faronics

Faronics delivers market-leading solutions that help manage, simplify, and secure complex IT environments. Our products ensure 100% machine availability, and have dramatically impacted the day-to-day lives of thousands of information technology professionals. Fueled by a market-centric focus, Faronics' technology innovations benefit educational institutions, health care facilities, libraries, government organizations, and corporations.

Product Documentation

The following documents form the Faronics Anti-Executable documentation set:

- *Faronics Anti-Executable User Guide* — This document guides you how to use the product.
- *Faronics Anti-Executable Release Notes* — This document lists the new features, known issues and closed issues.
- *Faronics Anti-Executable readme.txt* — This document will guide you through the installation process.

Technical Support

Every effort has been made to design this software for ease of use and to be problem free. If problems are encountered, contact Technical Support.

Email: support@faronics.com

Phone: 800-943-6422 or 604-637-3333

Hours: Monday to Friday 7:00am to 5:00pm (Pacific Time)

Contact Information

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Definition of Terms

Term	Definition
Alert	The notification dialog that appears when there is an attempt to launch an unauthorized executable. Anti-Executable Administrators can specify the message and image displayed in the alerts. For more information, refer to *Exporting Anti-Executable Configurations*.
Anti-Executable Administrator	Anti-Executable Administrators have access to all Anti-Executable configuration options. They can create and edit White Lists, Black Lists, manage Anti-Executable users, set Anti-Executable protection to Enabled or Disabled, and uninstall/upgrade Anti-Executable.
Anti-Executable Console Loadin	A software library that extends the functionality of Faronics Core Console allowing full control over the configuration and operation of Anti-Executable installed on remote workstations.
Anti-Executable Trusted User	Trusted Users have access to Status tab, White Lists tab and Black Lists tab. They can create and edit White Lists, Black Lists, and set Anti-Executable protection to *Enable* or *Disable*. Trusted Users cannot uninstall/upgrade Anti-Executable.
Authorized Executable	An Executable that is in the Active White List and therefore can be launched.
Black Folder	A folder, and its sub-folders, from which all executables are blocked.
Black List	A list of executables, or folders containing executables, that are blocked by Anti-Executable.
Executable	Any file that can be launched by the operating system. The executable files managed by Anti-Executable have the extension *.scr*, *.jar*, *.bat*, *.com*, or *.exe*.
External User	Any user that is neither an Anti-Executable Administrator nor an Anti-Executable Trusted user. An external user can run only authorized executables and has no control over Anti-Executable configuration. This restriction applies regardless of any user rights assigned by the operating system.
Faronics Core Agent	The software installed on workstations to enable communication with Faronics Core Console.
fingerprint	Every file has a Unique Identifier called *fingerprint*. A fingerprint is like the fingerprint of the file and it is used by Anti-Executable to identify it.
Maintenance Mode	When in Maintenance Mode, new executable files added or modified are automatically added to the Active White List.

Term	Definition
Protection	When set to *Enabled*, this setting indicates that Anti-Executable is protecting a computer with an Active White List. When set to Disabled, any executable can be launched on the computer.
Publisher	A Publisher is the creator of a file. A Publisher validates the file by digitally signing it. Anti-Executable uses the Publisher name to identify the files created by a Publisher.
Stealth Mode	Stealth Mode is a group of options that control visual indication of Anti-Executable's presence on a system. Stealth Mode provides the option to the Administrator to hide the Anti-Executable icon in the Windows system tray, prevent the Alert from being displayed and prevent the splash screen from being displayed.
Trusted Executable	A Trusted executable can launch other executables that themselves are unauthorized.
Unauthorized Executable	An Unauthorized executable is one that is not in the Active White List and can not be launched.
White Folder	A folder, and its sub-folders, from which any executable can be launched.
White List	A list of executables, or folders containing executables, that are allowed to run by Anti-Executable.
Workstation	Any client or remote machine using the Operating System specified in the System Requirements.

Introduction

Anti-Executable protects computers by preventing unauthorized executables from running.

Topics

Anti-Executable Overview

About Anti-Executable

Anti-Executable prevents unauthorized executables from running, giving IT administrators total control over the computer. Any executable file that is not part of a list of files called the White List will not run. This White List is under the complete control of authorized users who can edit it, modify it, erase it, etc.

Nothing gets past Anti-Executable: attempts to rename the executable files, or run them from removable storage devices, or even from the network will be blocked, leaving your machines safe and saving you time, money, and effort.

Anti-Executable Editions

Faronics Anti-Executable has four different editions available. Whether you have servers or workstations, working standalone or as part of a network, Anti-Executable will provide you with the protection that you need. Choose the Anti-Executable edition that bests suits your needs:

Edition	Use Anti-Executable to protect
Standard	Local computers loaded with non-server operating system
Server Standard	Local computers loaded with server operating systems
Enterprise	Remote computers loaded with non-server operating system*
Server Enterprise	Remote computers loaded with server operating systems*

*Enterprise versions allow to protect multiple computers from a central console called Faronics Core Console.

About Faronics Core Console

Faronics Core Console is a lightweight, high performance, secure, easy-to-learn, and integrated framework for the management of multiple Faronics products. It provides a consistent and reliable method of displaying, managing, installing, updating, and protecting workstations and servers from a single console, allowing your organization to increase efficiency with a complete management solution for Faronics products.

Enterprise Versions of Anti-Executable allow you to protect multiple workstations via Faronics Core Console.

System Requirements

Anti-Executable can be installed on the following Operating Systems:

- 32-bit edition of Windows XP SP3 and 64-bit edition of Windows XP SP2.
- 32 and 64-bit editions of Windows Server 2003, Windows Server 2008, Windows Vista, and Windows 7.

Anti-Executable Licensing

Anti-Executable is available in both Full and Evaluation versions. An Evaluation version can be downloaded for free from Faronics' web site (www.faronics.com) and it will be fully operational for 30 days after installation. An expired Evaluation version will not protect the machine and must be uninstalled or upgraded to a Full Version. A Full version requires a valid License Key in order to protect the machine.

License information can be obtained by Anti-Executable Administrator through the Anti-Executable Status tab. To upgrade from an Evaluation version to a Full version, enter a valid License Key and click *OK*.

Server editions of Anti-Executable cannot be installed on a non-Server Operating System. License Keys for Server editions of Anti-Executable cannot be used on non-Server editions.

Non-Server editions of Anti-Executable cannot be installed on a Server Operating System. License Keys for Non-Server editions of Anti-Executable cannot be used on Server editions.

Installing Anti-Executable

This chapter describes the installation process of Anti-Executable.

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Installation Overview

Anti-Executable features installers for 32- and 64-bit versions of Windows Server 2003, Windows Server 2008, Windows XP SP3, and Windows Vista.

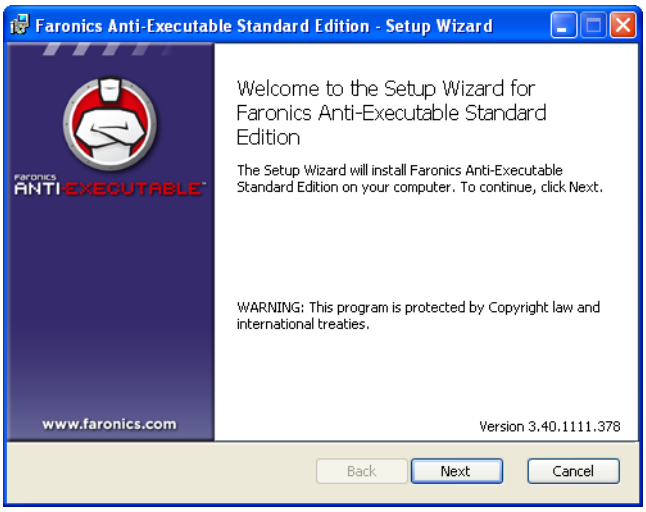
Before installing, verify the operating system version and choose the installer from the following list:

System	Install File
Windows XP/Vista (32-bit)	AEStd_32-bit.msi
Windows XP/Vista (64-bit)	AEStd_64-bit.msi
Windows Server 2003 and Windows Server 2008 (32-bit)	AESrvStd_32-bit.msi
Windows Server 2003 and Windows Server 2008 (64-bit)	AESrvStd_64-bit.msi

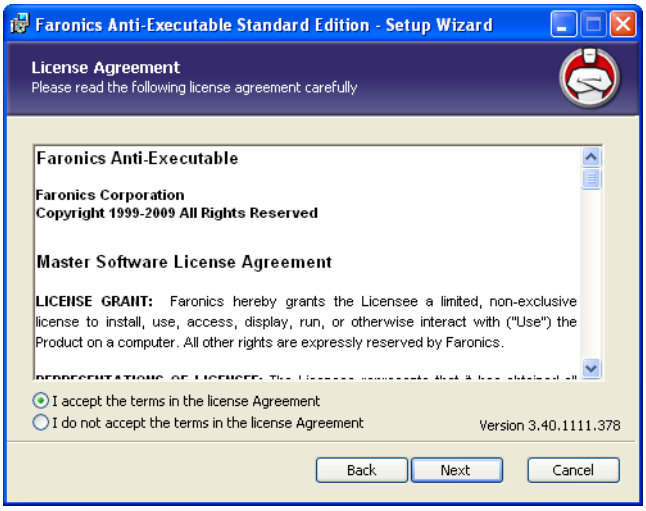
Installing Anti-Executable

Anti-Executable can be installed using the Setup Wizard. To install Anti-Executable, complete the following steps:

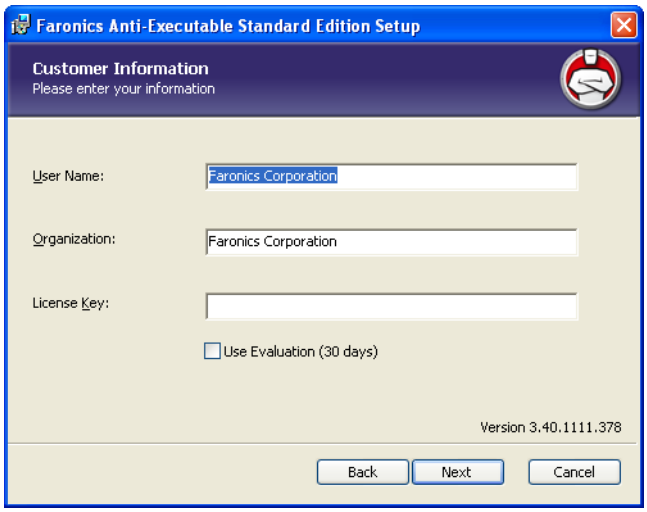
1. If Anti-Executable has been downloaded via the Internet, double-click *AEStd_32-bit_en.msi* (for a 32-bit Operating System) or *AEStd_64-bit_en.msi* (for a 64-bit Operating System) to begin the installation process. Click *Next* to continue.



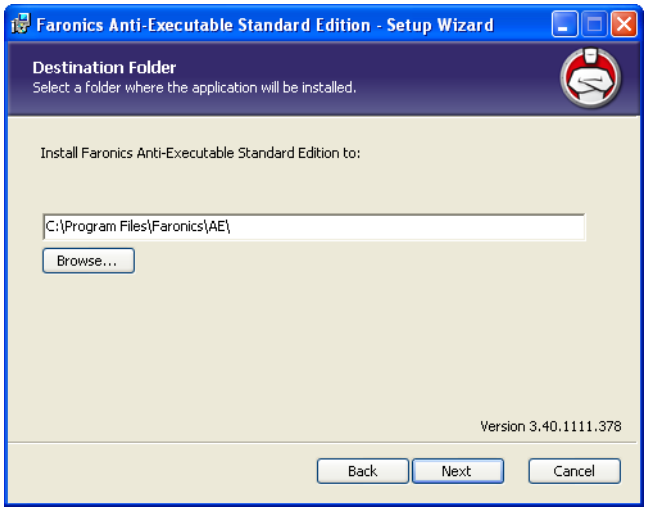
2. Read and accept the License Agreement. Click *Next* to continue.



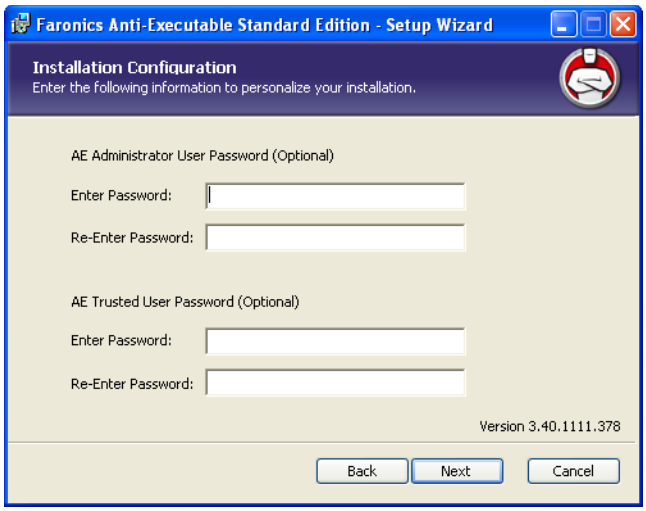
3. Enter the *User Name* and *Organization*. If *Use Evaluation* is selected, Anti-Executable is installed as an Evaluation version and is valid for 30 days. An Evaluation version can be converted to a Full shipping version at any time by entering a License Key. Click *Next* to continue.



4. Specify the install location. The default is *C:\Program Files\Faronics\AE*. Click *Next* to continue.



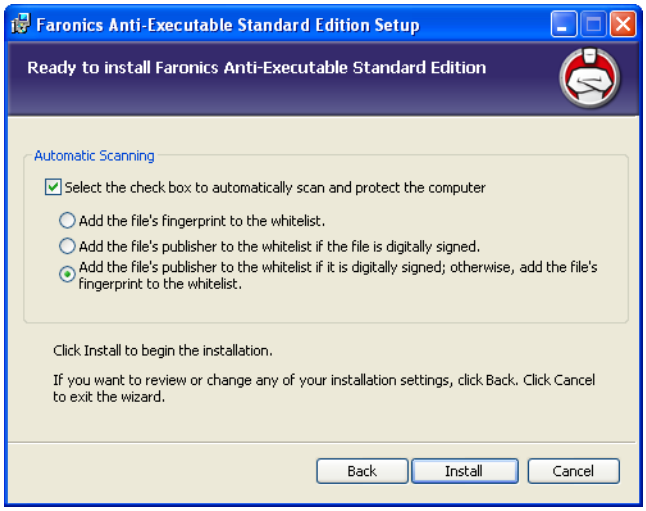
5. This step is optional. Specify the Anti-Executable Administrator and Trusted User passwords. These passwords can also be set in the Anti-Executable Users tab following installation. Click *Next* to continue.



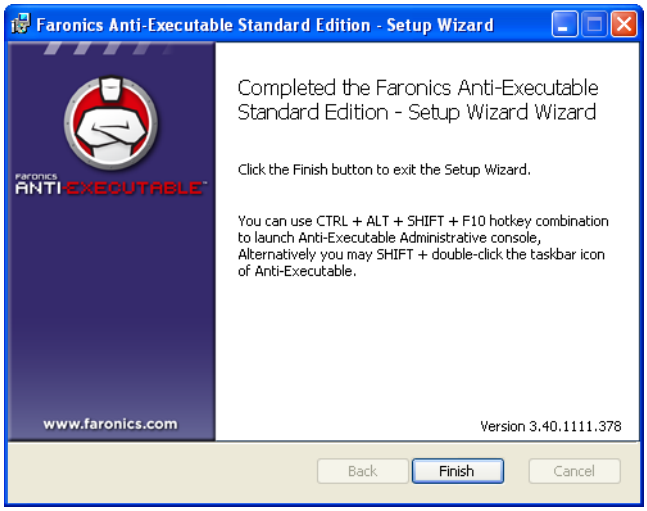
6. The *Automatic Scanning* dialog is displayed. Select the check box if you want Anti-Executable to automatically scan all non-removable drives on the computer and create a White List. Select one of the following displayed options:

- *Add file's fingerprint to the White List* - to add the file's unique identifier the White List. All files whose *fingerprint* is added to the White List will be allowed to run.
- *Add the file's publisher to the White List if the file is digitally signed* - to add the file's publisher to the White List. All files digitally signed by the publisher in the White List will be allowed to run.
- *Add the file's publisher to the White List if the file is digitally signed. Otherwise, add the file's fingerprint* - to add the file's publisher if the file is digitally signed, or add the file's fingerprint if it is not digitally signed.

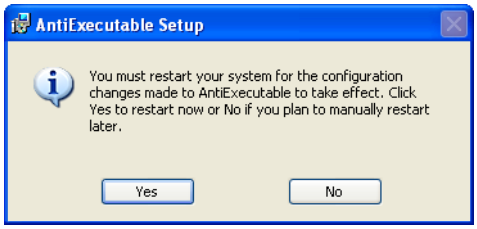
Click *Install* to install Anti-Executable. Anti-Executable is installed and the White List is activated.



7. Click *Finish* to complete the installation.



8. Following a successful installation a restart is required. Click *Yes* to restart immediately or *No* to restart later.



An immediate restart is recommended following installation.

If the *Enable* check box is selected in the *Automatic Scanning and White List Creation* dialog, Protection is enabled and there is an Active White List when the computer restarts.

If the *Enable* check box is not selected in the *Automatic Scanning and White List Creation* dialog, Protection is disabled and there is no Active White List when the computer restarts.

Using Anti-Executable

This chapter describes the procedure to access, configure and use Anti-Executable.

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Accessing Anti-Executable

Anti-Executable is accessed by holding down the Shift key and double-clicking the Anti-Executable icon in the Windows System Tray. If the icon is not present, the *Ctrl + Alt + Shift + F10* hotkey sequence can be used.

If you are an Administrator, you will have access to the Status, White List, Black List, User and Setup tabs. If you are a Trusted User, you will have access only to the Status, White List, and Black List tabs.

External users are not permitted to access Anti-Executable. Anti-Executable Administrator and Trusted Users must enter the appropriate passwords to access Anti-Executable if those passwords have been set.

Using Anti-Executable

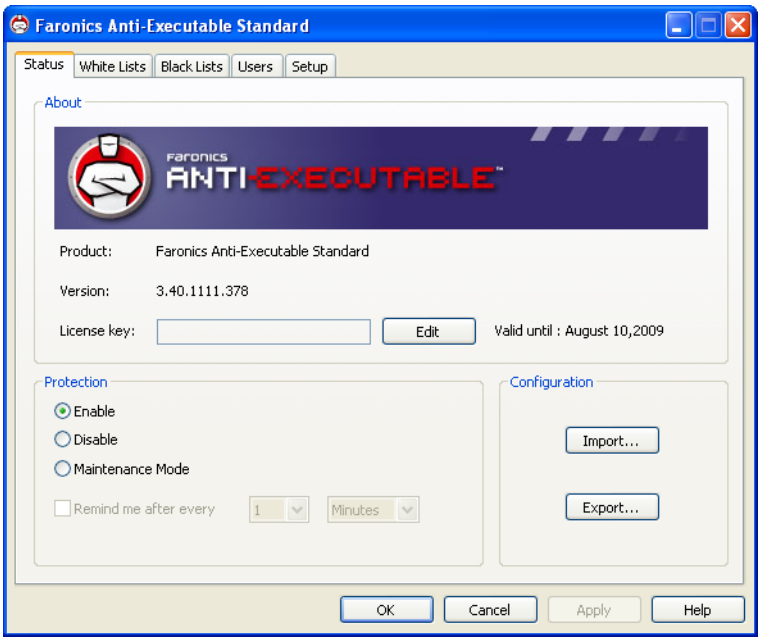
Following installation, Anti-Executable must be configured. Anti-Executable Administrators can access all the following tabs:

- *Status* — Displays the version of Anti-Executable installed, whether newer versions of Anti-Executable are available and allows user to import and export configurations, and set Anti-Executable Protection to *Enable*, *Disable* or *Maintenance Mode*.
- *White Lists* — Used to create, edit, and apply White Lists.
- *Black Lists*— Used to create, edit, and apply Black Lists.
- *Users* — Used to add Administrators, Trusted users and their passwords.
- *Setup* — Used to configure Stealth Mode, manage logging, alert messages, and enable Anti-Executable compatibility with Deep Freeze.

The Windows administrator user account that performed the installation is the first Anti-Executable Administrator.

Status Tab

The Status tab allows Anti-Executable Administrators and Trusted Users to configure various settings, set protection to *Enable*, *Disable,* or *Maintenance Mode*, and import or export previously saved configurations.



Verifying Product Information

The About pane displays the version of Anti-Executable installed. If newer versions are available, *New version is available* is displayed. Click *Update* for more information.

If an Evaluation version of Anti-Executable has been installed, the *Valid until* field displays the date when Anti-Executable expires. Anti-Executable displays a notification about the current status of the License in the windows system tray.

Once the evaluation period expires, Anti-Executable will no longer protect a machine. The following expired icon is displayed in the system tray when Anti-Executable expires.

To convert an Evaluation version of Anti-Executable to a Full version, click *Edit* and enter a valid License Key in the *License Key* field. License Keys can be obtained by contacting Faronics.

Enabling Anti-Executable Protection

Following installation, Anti-Executable is enabled by default only if *Enable* was selected in the *Automatic Scanning and White List Creation* dialog during installation. Otherwise, Anti-Executable cannot protect the machine. Administrators or Trusted users must select *Enable* for White List protection to take place.

If Protection has been set to *Enable* and the Active White List is empty, only basic system executables (e.g. boot-up, login) can be launched. Only Anti-Executable Administrator and Trusted Users can manage White Lists.

Use the *Remind Me after every* check box to have Anti-Executable provide reminders on a workstation to enable Protection if Protection is disabled.

Anti-Executable Maintenance Mode

Select *Maintenance Mode* and click *Apply* to run Anti-Executable in Maintenance Mode. When in Maintenance Mode, new executable files added or modified are automatically added to the Active White List. To exit Maintenance Mode, select *Enable* or *Disable*.

If *Enable* is selected, the changes are recorded by Anti-Executable. If *Disable* is selected, the changes are not recorded by Anti-Executable.

If the computer is running in Maintenance Mode, and if the Protection is disabled, the changes made to the workstation during Maintenance Mode are not added to the Active White List.

Adequate time required for Windows Updates must be provided while running in Maintenance Mode.

Exporting Anti-Executable Configurations

Anti-Executable Administrators can save multiple configurations which can be applied to other machines. If a White List has been set as Active, it is also included in the configuration export.

To save an Anti-Executable configuration file, click *Export* in the *Status* tab after making selections. The configuration file is saved in a proprietary format (*.aecfg*) to prevent tampering. To open a previously defined configuration file (*.aecfg*), click *Import* and browse to a configuration file.

Saving a configuration to XML only allows for viewing of the configuration settings. XML configuration files cannot be applied to other machines.

Any changes made to the Anti-Executable settings will not take affect until you click *Apply*.

Importing Anti-Executable Configurations

Anti-Executable Administrators and Trusted Users can import previously exported Anti-Executable configurations by clicking *Import*. Select one or more import options in the *Import Options* dialog that is displayed. The following options are optional and the import process will be successful even if none of the following options are selected:

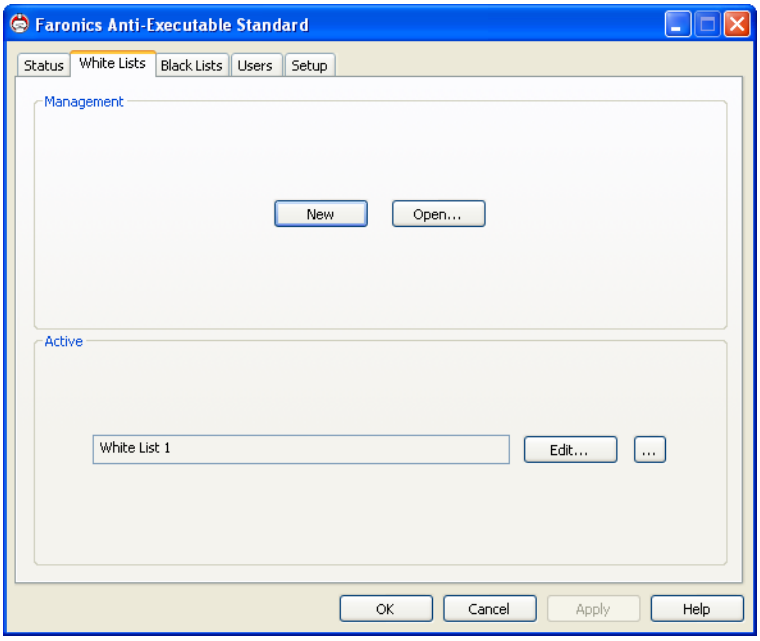
- Import Active Whitelist and Blacklist
- Import Alert Image
- Import Anti-Executable Users

Click *OK* and browse to a configuration configuration file (*.aecfg*).

White List Tab

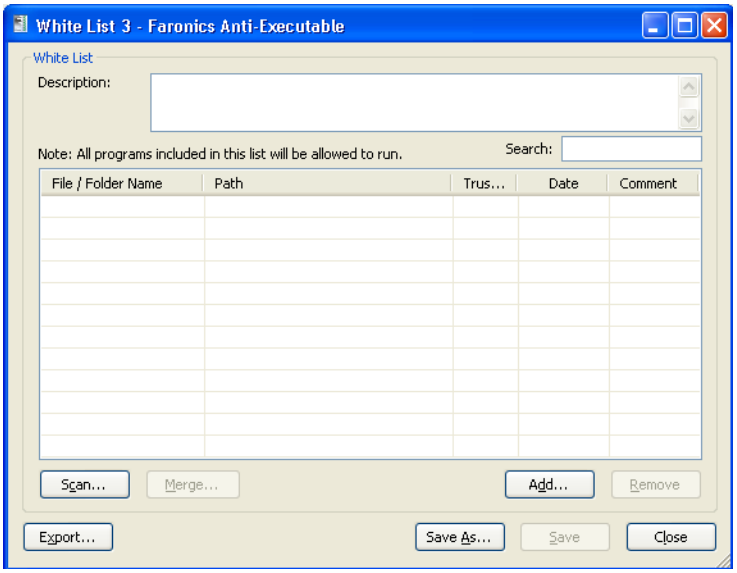
Anti-Executable allows the launch of any executable on the Active White List when Protection is set to *Enable*. Also included are White Folders — folders and their sub-folders from which any executable can be launched.

There can only be one White List active at a time. Refer to the section titled Creating a New White List for information on creating the first White List.



Using the White List Editor

The Anti-Executable White List Editor is opened by clicking on the *White List* tab and selecting *New*, *Open*, or *Edit*. The White List Editor also appears when an individual White List file is opened in Windows Explorer.



- *New* — Opens the White List Editor and allows Anti-Executable Administrators and Trusted Users to create a new White List.
- *Open* — Opens an existing White List for editing.
- *Edit* — Opens the White List editor to add or remove executables and/or folders to the Active White List.

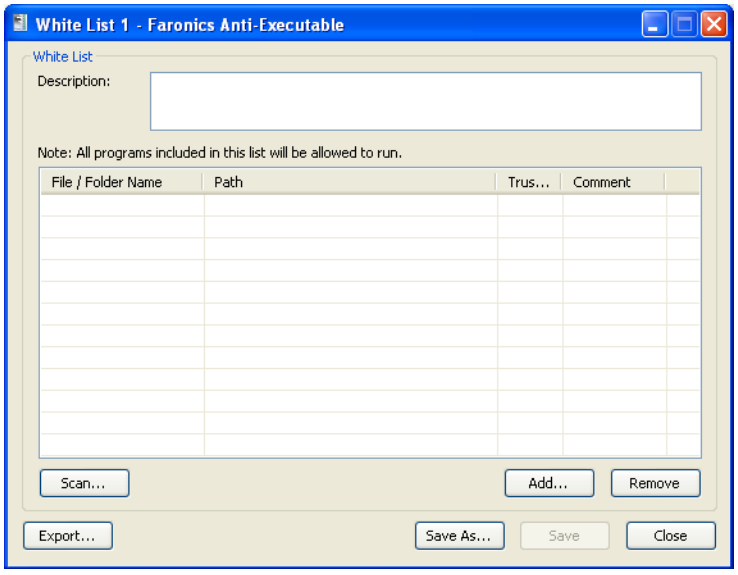
Creating a New White List

Only Anti-Executable Administrators and Trusted Users can access the White List editor.

It is recommended to use a clean computer to create a White List. A clean computer is a system that has the Operating System and all the required applications installed for day-to-day operations. Creating a White List before the computer is handed over to the user will ensure that the White List contains only the files required for the computer to work properly.

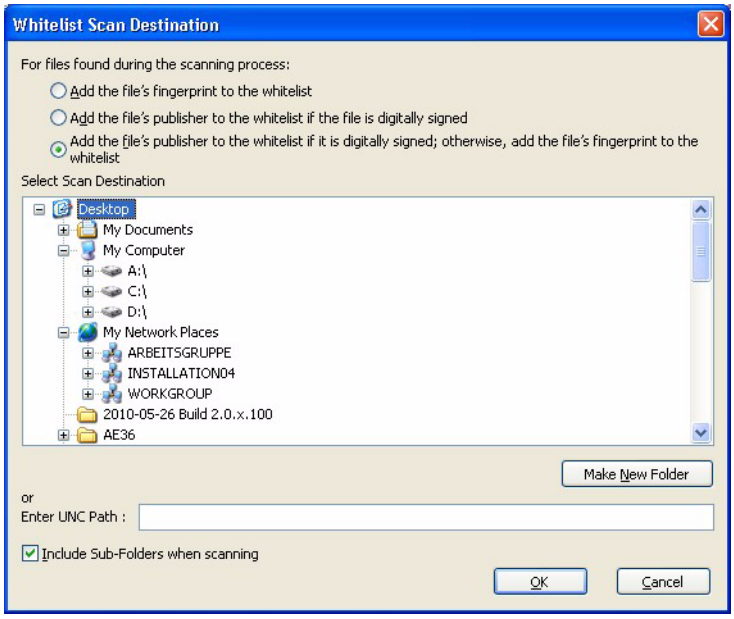
To create a new White List complete the following steps:

1. *Shift+ double-click* the Anti-Executable icon in the System Tray. Alternatively, you can also use the *Ctrl+Alt+Shift+F10* hotkey. Specify the Administrator password to logon to Anti-Executable. Click the *White List* tab.Click *New*. The White List editor appears:



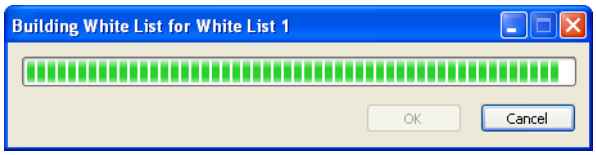
2. To determine the available applications, click *Scan*, select a drive or directory.
   - Use *Ctrl+Click* or *Shift+Click* to select multiple drives or directories to scan the workstation locally.
   - Click *My Network Places*, browse and select a remote workstation for remote scanning.
   - You can also enter the UNC path in the *Enter UNC Path* field.

- Select one of the following options:
  - *Add file's fingerprint to the White List*- to add the file's unique identifier the White List. All files whose *fingerprint* is added to the White List will be allowed to run.
  - *Add the file's publisher to the White List if the file is digitally signed* - to add the file's publisher to the White List. All files digitally signed by the publisher in the White List will be allowed to run.
  - *Add the file's publisher to the White List if the file is digitally signed. Otherwise, add the file's fingerprint* - to add the file's publisher if the file is digitally signed, or add the file's fingerprint if it is not digitally signed.

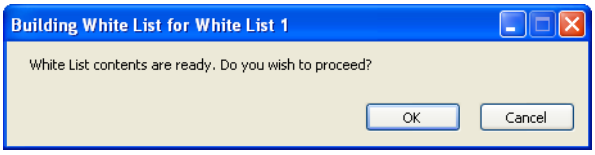


The Scan feature searches the selected location, and its sub-directories, for any executable files (files containing the extensions: *.scr, .jar, .bat, .com, or .exe.*). The duration of the scan depends on the location's storage capacity and number of executables found within.

3. Click *OK*. The *Building White List for...* dialog appears to show the progress:



4. Once the scan has finished, Anti-Executable checks if you want to proceed. Click *OK*.



5. A populated White List appears. Folders and executables can be added on an individual basis. Click *Add* and select the folders or executables to be added to the new White List. If a folder is added, the executables within that folder, and its sub-folders, are permitted to launch.

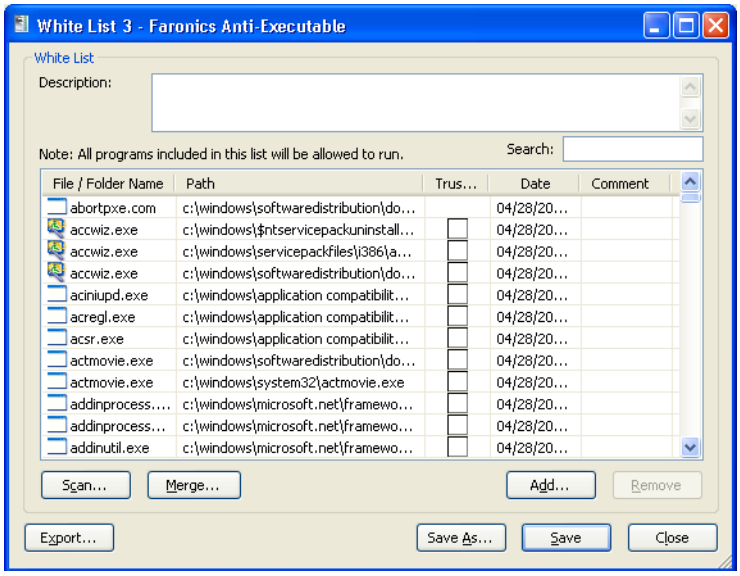
   — To remove a folder or executable, select it and click *Remove*. This does not remove the folder or executable from the system.

   — To merge the folders or executables with an existing White List, click *Merge*. The *Open* dialog appears. Select an existing White List and click *Open*. The contents of the existing White List are merged with the scanned list of files or executables. Click *Save* to save the

White List with the same name. Click *Save As* to save the merged White List with a different name.

— To search for a particular folder or executable, enter one or more characters from the folder name or executable name in the *Search* field. The list is filtered based on the characters entered.

To sort the executables added by date, click the title of the *Date* column.



6. Define whether an application is Trusted by clicking in the *Trusted* column. If the check box is selected, it indicates that an application is Trusted and can launch other executables that themselves are unauthorized.
7. Specify any comments for any applications by clicking the Comment column. A text prompt appears allowing for any additional information to be entered. A description can also be added for the entire list in the space provided at the top of the White List editor.
8. Click *Save* to save the White List. Click *Save As* to save under a different name. White Lists are saved in a proprietary format with the extension *.aewl*. Click *Export* to export a White List to XML or CSV format. White Lists in XML or CSV format can be opened and edited through Windows Explorer but can not be set as the Active White List.

For more information about an executable, right-click the executable and select *Google Search*. The default browser is launched and the name of the executable is searched on www.google.com.

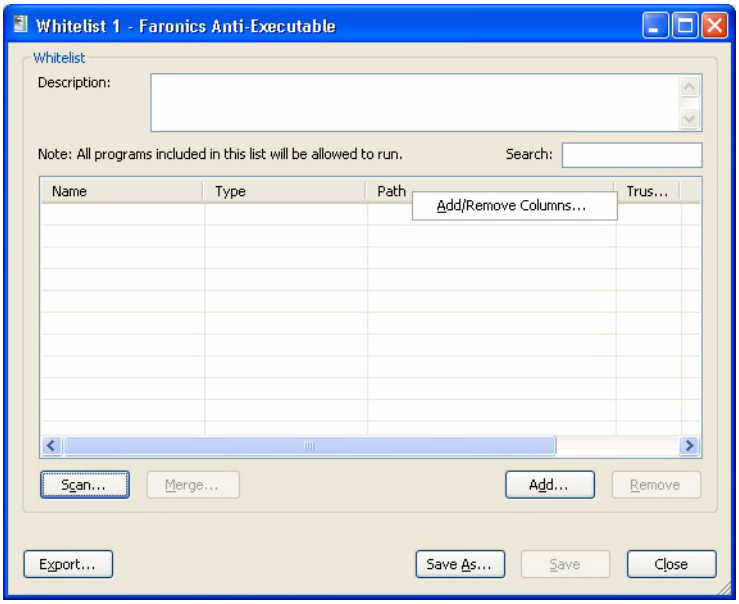
Activating a White List

After a White List has been created, it can be set as the Active White List by clicking the *Browse* button in the *Active White List* section of the *White List* tab. The browse button launches an *Open* dialog. Browse to the White List and click *Open*.

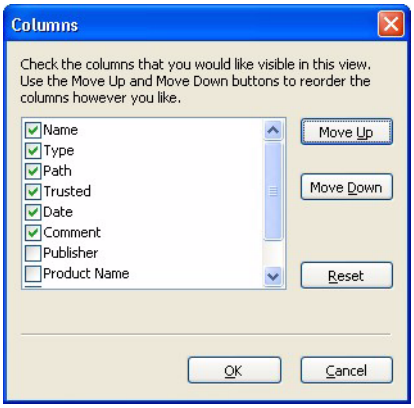
Add or Remove a Column in the White List Editor

Complete the following steps to Add or Remove Columns:

1. Open the White List Editor.
2. Right-click on the column title and select *Add/Remove Columns...*



3. Select the columns to be added. Clear the check box for the column to be removed. You can also change the position of a column by clicking *Move Up* or *Move Down*. The following columns cannot be removed: *Name*, *Type*, *Path*, *Date* and *Comment*.



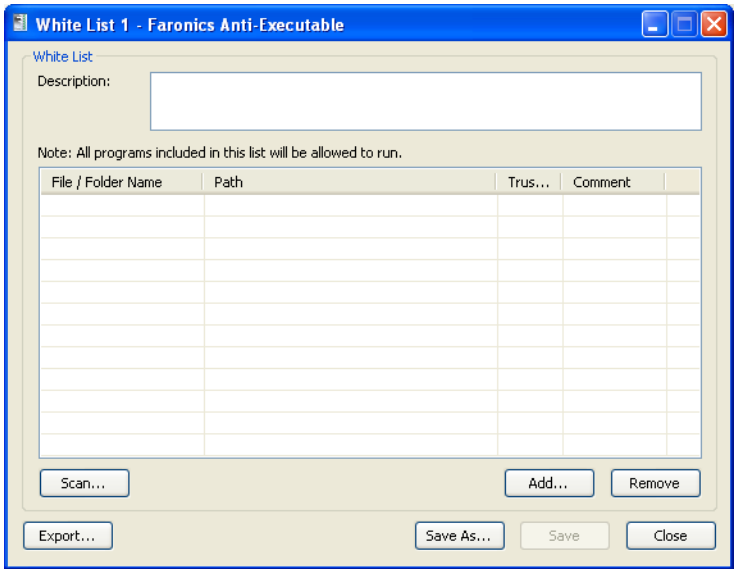
4. Click *OK*.

Adding a Publisher or a File/Folder to an Existing White List

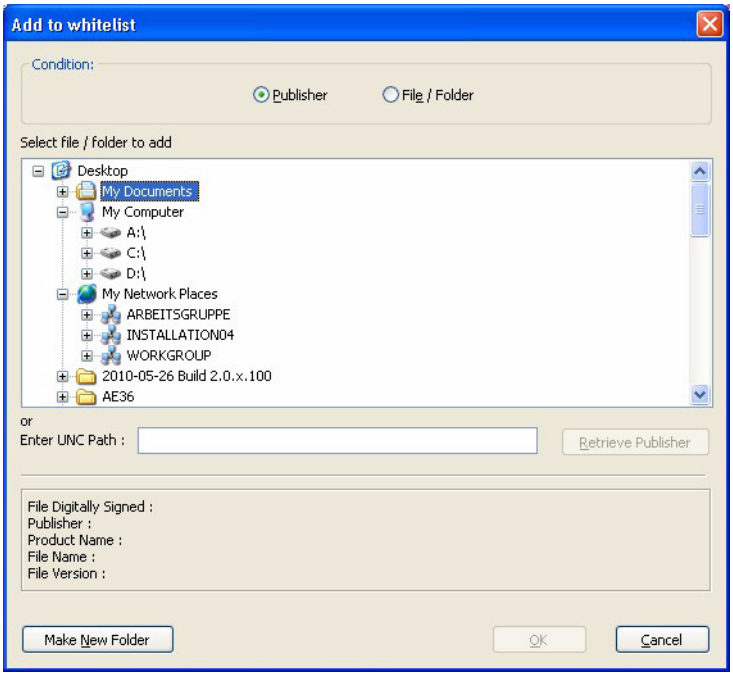
Complete the following steps to Add or Remove Columns:

1. Open the White List Editor.

2. Click *Add*.



3. The Add to White List dialog is displayed. Select *Publisher* or *File/Folder*. If you have selected *Publisher*, browse to select the file to add its publisher. The publisher name is displayed if the file is digitally signed. Alternatively, if you have selected *File/Folder*, browse to select the file or folder. You can also enter the UNC path in the *Enter UNC Path* field.



4. Click OK. The Publisher or the File/Folder is added to the White List.

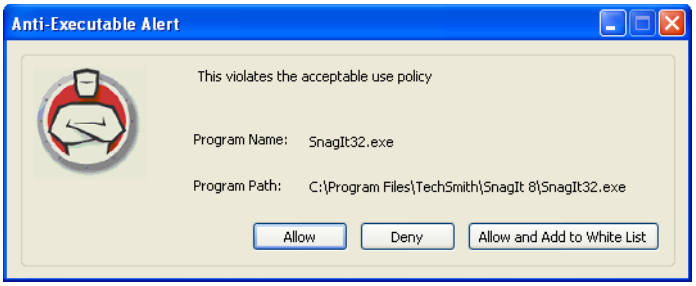
Adding Executables or Folders to an Existing White List using the White List Editor

In addition to populating a new White List, the Scan feature allows executables from a specific location to be added to an existing White List. This location can be local, external, or on a network.

- Click *Scan* to launch the *White List Scan Destination* dialog. This will search the selected location for any executables. Once the scan has finished, the results can be merged into the White List.
- Individual folders and executables can be added by clicking *Add*.
- To open a previously created White List, click *Open* and browse to the White List file. Make any changes necessary with *Add*, *Remove, Scan,* or *Merge* buttons. These buttons add and remove executables and folders from the White List. They do not modify actual files or folders on the machine.
- Click the *White List Only* button to delete the executables from the Black List and ensure that they are a part of only the White List.
- Multiple White Lists can be opened and edited at the same time. Only one White List can be set as an Active White List at a time.

Adding Executables to the Active White List

Executables can be added to the active White List by launching them. If the machine is in the protected state and an unauthorized executable is launched, the Anti-Executable Administrator or Trusted User is prompted with options to *Allow*, *Deny*, or *Allow and Add to White List*.



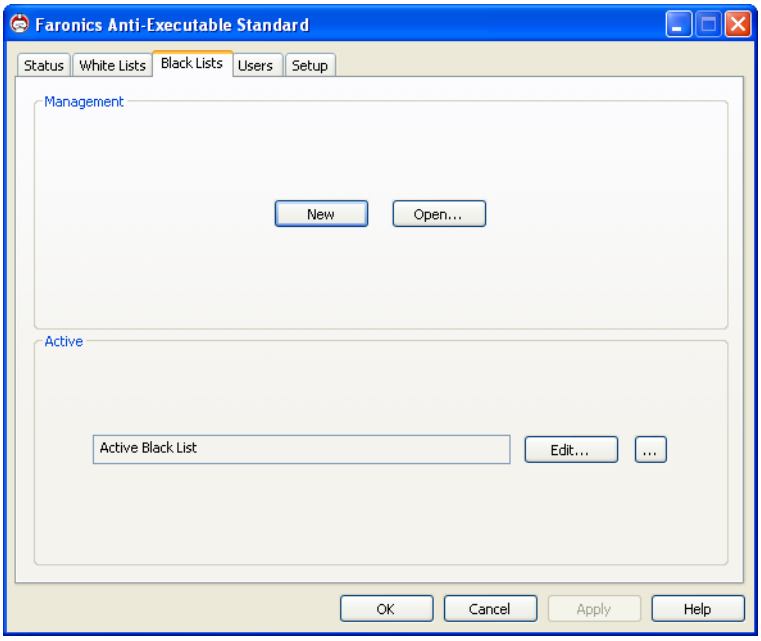
- *Allow*—Permits the executable to launch but does not add it to the Active White List. The next time the executable is launched, it will be blocked again.
- *Deny* — The executable is not added to the Active White List and remains an unauthorized executable. It is not permitted to launch.
- *Allow and Add to White List* —The executable is allowed to launch. It is also added to the Active White List, making it an authorized executable.

External users do not have the necessary permissions to *Allow*, *Deny*, or *Allow and Add to White List*. External users attempting to launch executables not in the Active White List are notified that the executable has been blocked. Refer to the section on Customizing Alerts for more information.

Black List Tab

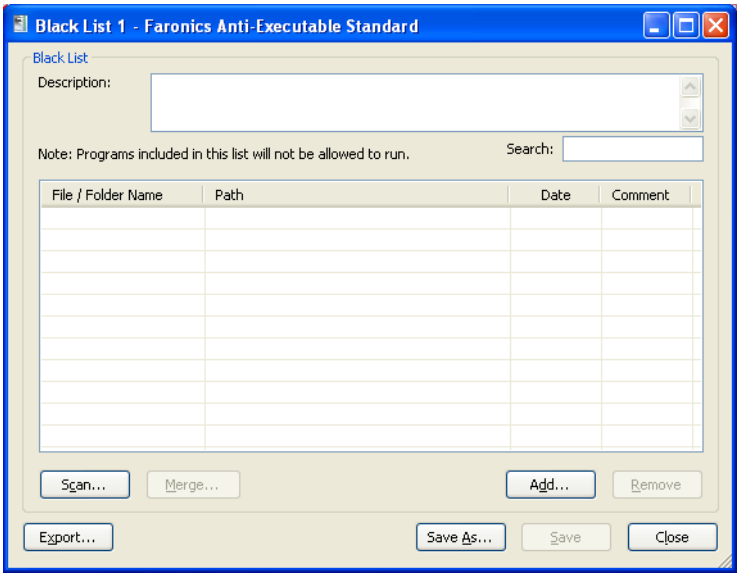
Anti-Executable allows the blocking of any executable on the Active Black List when Protection is set to *Enable*. Also included are Black Folders — folders and their sub-folders from which all executables are blocked.

There can only be one Black List active at a time. Consult the section titled *Creating a New Black List* for information on creating the first Black List.



Using the Black List Editor

The Anti-Executable Black List Editor is opened by clicking on the *Black List* tab and selecting *New*, *Open*, or *Edit*. The Black List Editor also appears when an individual Black List file is opened in Windows Explorer.



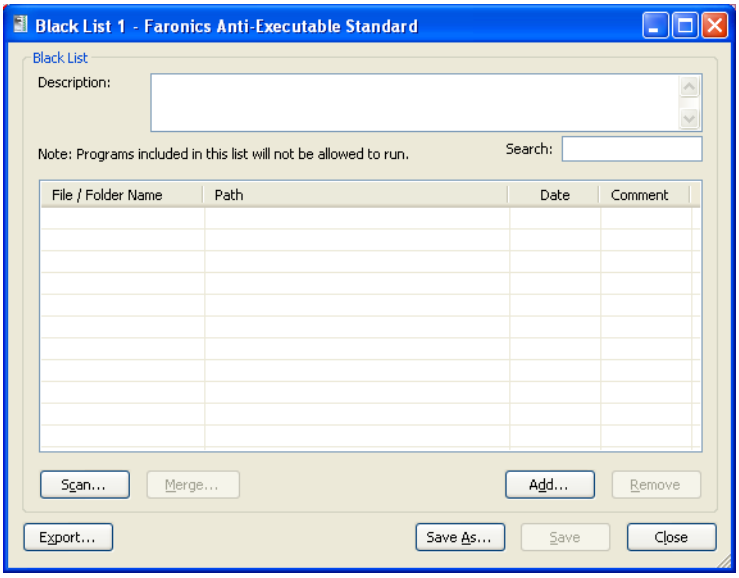
- *New* — Opens the Black List Editor and allows Anti-Executable Administrators and Trusted Users to create a new Black List.
- *Open* — Opens an existing Black List for editing.
- *Edit* — Opens the Black List editor to add or remove executables and/or folders to the Active Black List.

Creating a New Black List

Only Anti-Executable Administrators and Trusted Users can access the Black List editor.

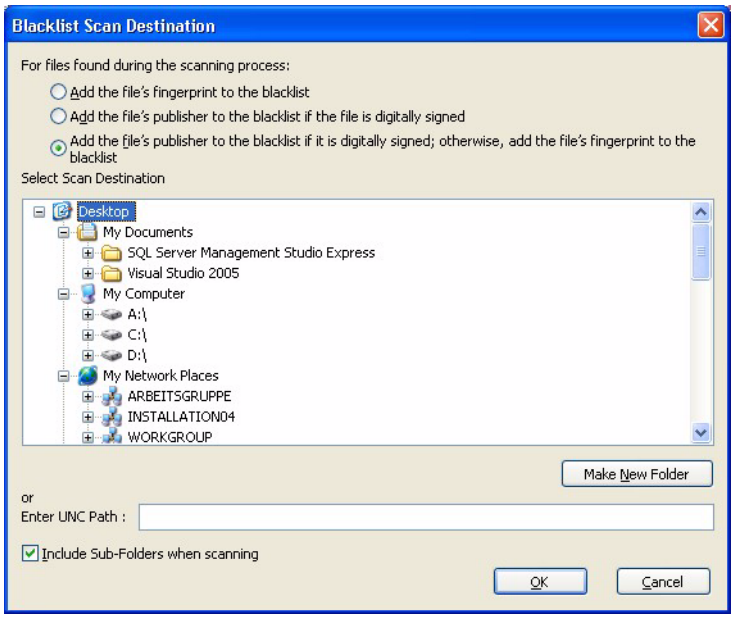
To create a new Black List complete the following steps:

1. *Shift+ double-click* the Anti-Executable icon in the System Tray. Alternatively, you can use the *Ctrl+Alt+Shift+F10* hotkey. Specify the Administrator password to logon to Anti-Executable. Click the *Black List* tab. Click *New*. The Black List editor appears:

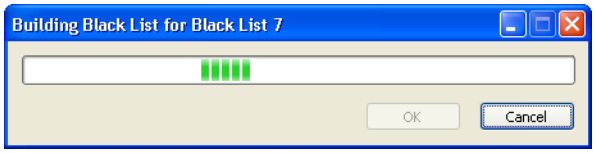


2. To determine the available applications, click *Scan*, select a drive or directory.
   - Use *Ctrl+Click* or *Shift+Click* to select multiple drives or directories to scan the workstation locally.
   - Click *My Network Places*, browse and select a remote workstation for remote scanning.
   - You can also enter the UNC path in the *Enter UNC Path* field.

- Select one of the following options:
  - *Add file's fingerprint to the Black List* - to add the file's unique identifier the Black List. All files whose *fingerprint* is added to the Black List will not be allowed to run.
  - *Add the file's publisher to the Black List if the file is digitally signed* - to add the file's publisher to the Black List. All files digitally signed by the publisher in the Black List will not be allowed to run.
  - *Add the file's publisher to the Black List if the file is digitally signed. Otherwise, add the file's fingerprint* - to add the file's publisher if the file is digitally signed, or add the file's fingerprint if it is not digitally signed.

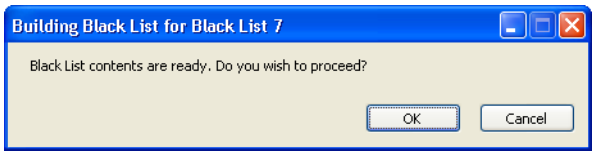


The *Building Black List for...* dialog appears to show the progress:



The Scan feature searches the selected location, and its sub-directories, for any executable files (files containing the extensions: *.scr, .jar, .bat, .com, or .exe.*). The duration of the scan depends on the location's storage capacity and number of executables found within.

3. Once the scan has finished, Anti-Executable asks to merge the results into the new Black List. Click *OK*.

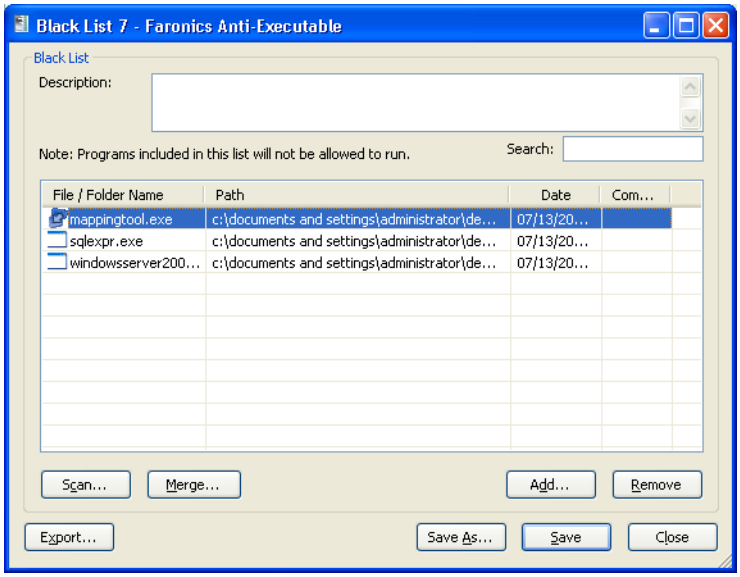


4. A populated Black List appears. Folders and executables can be added on an individual basis. Click *Add* and select the folders or executables to be added to the new Black List. If a folder is added, the executables within that folder, and its sub-folders are blocked.
   - To remove a folder or executable, select it and click *Remove*. This does not remove the folder or executable from the system.
   - To merge the folders or executables with an existing Black List, click *Merge*. The *Open* dialog appears. Select an existing Black List and click *Open*. The contents of the existing Black List are merged with the scanned list of files or executables. Click *Save* to save the

Black List with the same name. Click *Save As* to save the merged Black List with a different name.

— To search for a particular folder or executable, enter one or more characters from the folder name or executable name in the *Search* field. The list is filtered based on the characters entered.

To sort the executables added by date, click the title of the *Date* column.



5. Specify any comments for any applications by clicking the *Comment* column. A text prompt appears allowing for any additional information to be entered. A description can also be added for the entire list in the space provided at the top of the Black List editor.
6. Click *Save* to save the Black List. Click *Save As* to save under a different name. Black Lists are saved in a proprietary format with the extension *.aebl*. Click *Export* to export a Black List to XML or CSV format. Black Lists in XML and CSV format can be opened and edited through Windows Explorer but can not be set as the Active Black List.

For more information about an executable, right-click the executable and select *Google Search*. The default browser is launched and the name of the executable is searched on www.google.com.

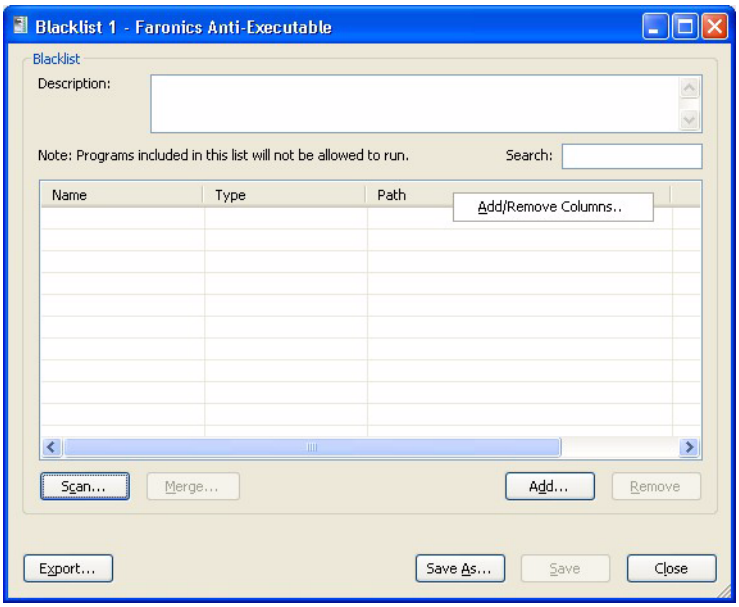
Activating a Black List

After a Black List has been created, it can be set as the Active Black List by clicking the *Browse* button in the *Active Black List* section of the *Black List* tab. The browse button launches an *Open* dialog. Browse to the Black List and click *Open*.

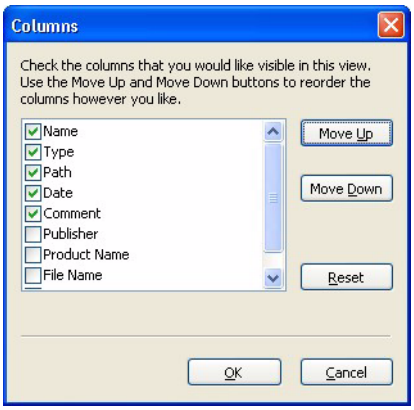
Add or Remove a Column in the Black List Editor

Complete the following steps to Add or Remove Columns:

1. Open the *Black List Editor*.
2. Right-click on the column title and select *Add/Remove Columns...*



3. Select the columns to be added. Clear the check box for the column to be removed. You can also change the position of a column by clicking *Move Up* or *Move Down*. The following columns cannot be removed: *Name*, *Type*, *Path*, *Date* and *Comment*.

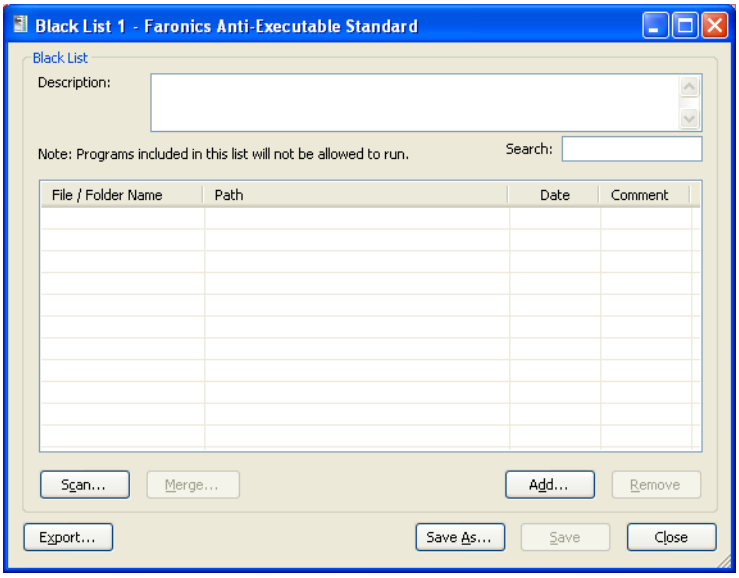


4. Click *OK*.

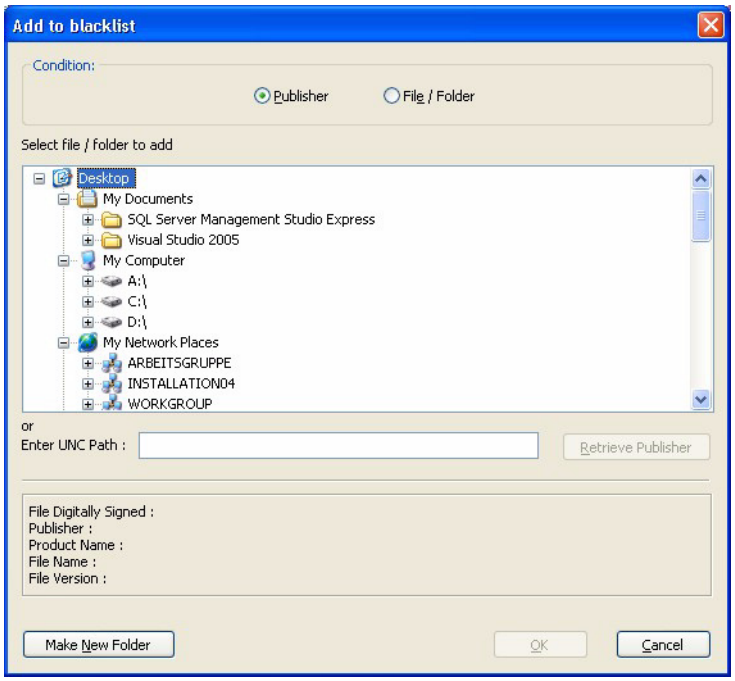
Adding a Publisher or a File/Folder to an Existing Black List

Complete the following steps to Add or Remove Columns:

1. Open the Black List Editor.
2. Click *Add*.



3. The Add to Black List dialog is displayed. Select *Publisher* or *File/Folder*. If you have selected *Publisher*, browse to select the file to add its publisher. The publisher name is displayed if the file is digitally signed. Alternatively, if you have selected *File/Folder*, browse to select the file or folder. You can also enter the UNC path in the *Enter UNC Path* field.



4. Click *OK*. The *Publisher* or the *File/Folder* is added to the Black List.

Adding Executables or Folders to an Existing Black List using the Black List Editor

In addition to populating a new Black List, the Scan feature allows executables from a specific location to be added to an existing Black List. This location can be local, external, or on a network.

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- Click the *Black List Only* button to delete the executables from the White List and ensure that they are a part of only the Black List.
- Multiple Black Lists can be opened and edited at the same time. Only one Black List can be set as an Active Black List at a time.

Users Tab

Anti-Executable uses Windows user accounts to determine the features available to users. There are two types of Anti-Executable users:

- *Administrator User* — Can manage White Lists, Black Lists, Users, and Setup and can uninstall Anti-Executable.
- *Trusted User* — Can create, configure, and set the Active White List or the Active Black List. They are prohibited from uninstalling Anti-Executable and cannot manage Users or Setup.

By default, the Windows user account which performs the Anti-Executable installation becomes the first Anti-Executable Administrator User. This Administrator User can then add existing Windows users to Anti-Executable.

Any user not listed by Anti-Executable is an external user who is subject to the executable launch limitations specified by the contents of the Active White List.

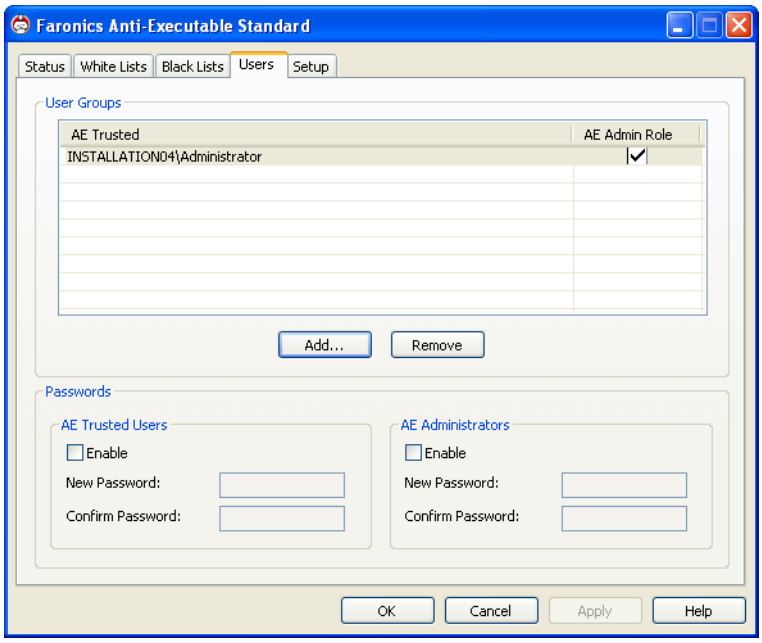
If an Anti-Executable Administrator or Trusted User attempts to open an unauthorized application while Anti-Executable is enabled, they will be shown a dialog with an option to *Allow*, *Deny*, or *Allow and Add to White List*.

Adding an Anti-Executable Administrator or Trusted User

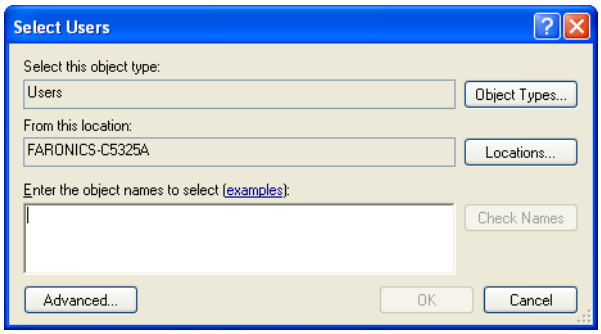
All Anti-Executable users are existing Windows user accounts. However, all Windows user accounts do not automatically become Administrators or Trusted users. Windows user accounts that are not Administrators or Trusted Users are External users.

To add a user to Anti-Executable, perform the following steps:

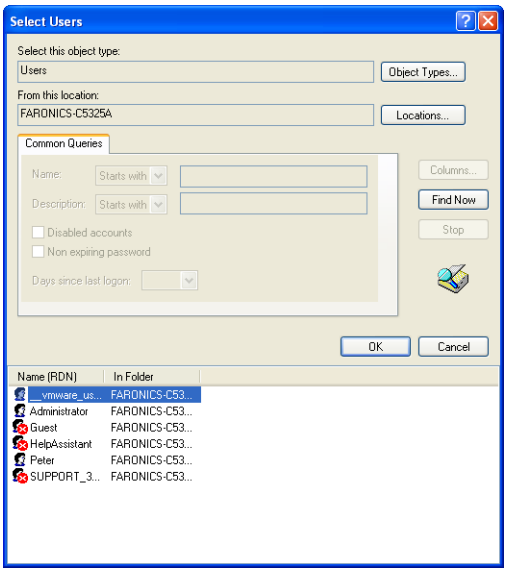
1. Click the *Users* tab at the top of the Anti-Executable window.



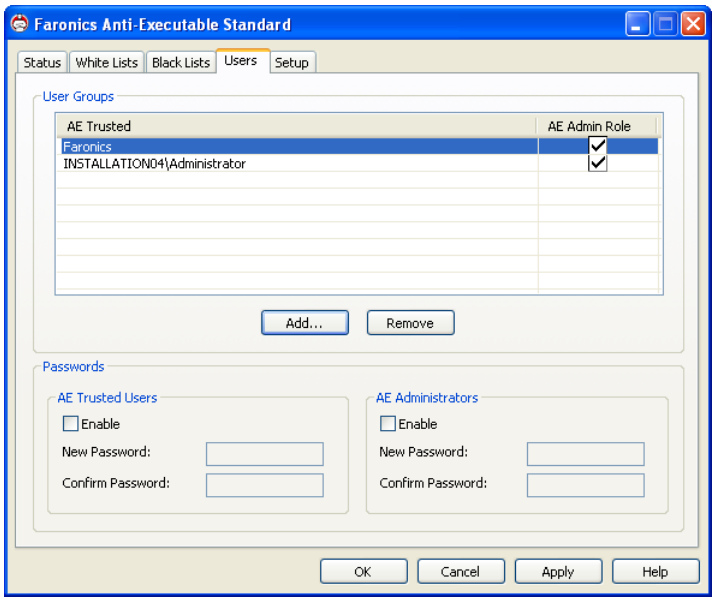
2. Click *Add* to add a new user. Select the User icon from the list provided.



3. If the list is empty, click *Advanced* > *Find Now* to display a list of available users. Domain administrators currently logged in can add other domain users. Click on a user name to add it to Anti-Executable's list and click *OK*.



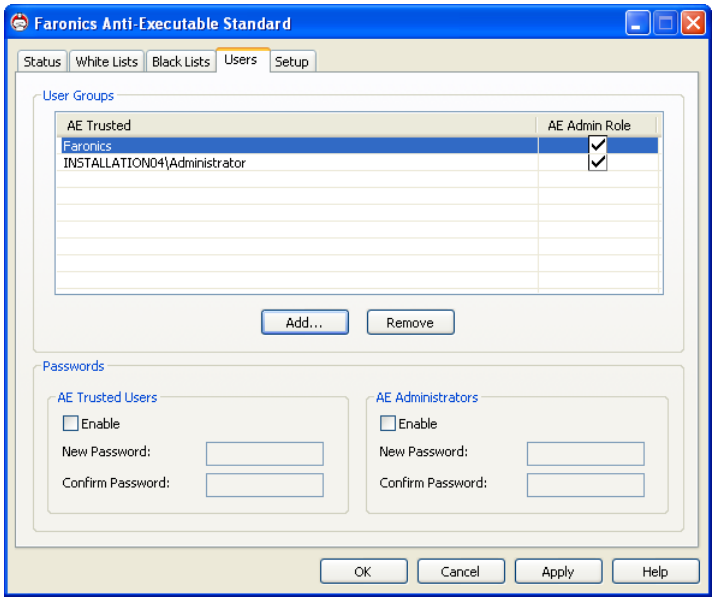
4. By default, each added user is an Anti-Executable Trusted User. If the new user is to be given administrative rights, specify them as an Anti-Executable Administrator by selecting the *Anti-Executable Admin Role* check box.



5. Click *Apply* when finished.

Removing an Anti-Executable Administrator or Trusted User

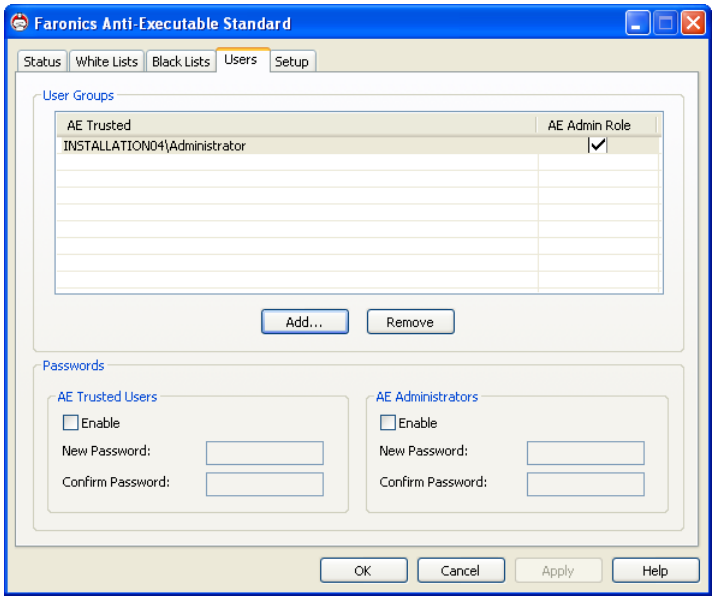
Click on the *Users* tab and select the user to be removed. Click *Remove*. This does not remove the user's Windows user account; the user has now become an external user.



Enabling Anti-Executable Passwords

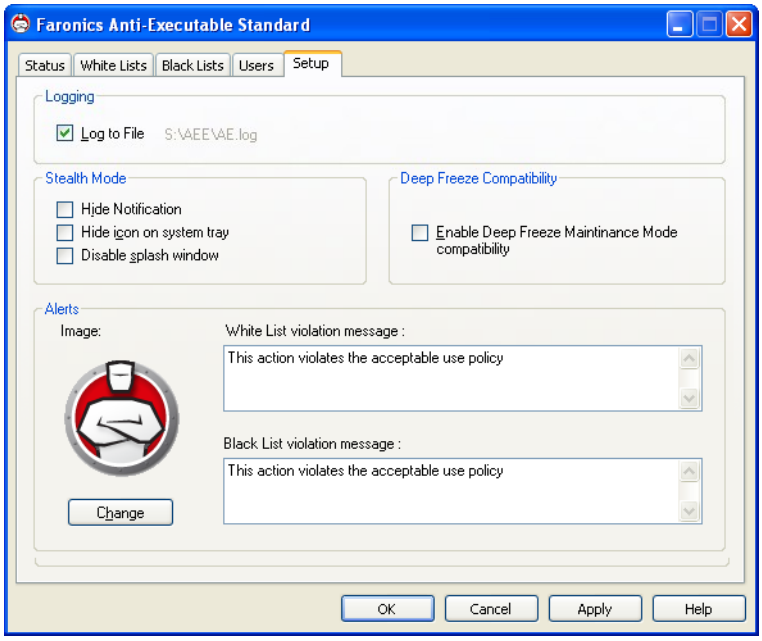
As an added layer of protection, Anti-Executable can attach a password to each user group. Passwords only apply to the members of the associated groups.

To specify a password, ensure the *Enable* check box is selected. Enter the password in the *New Password* and *Confirm Password* fields. Click *Apply* to save the changes.


Faronics Anti-Executable Standard
Status
White Lists
Black Lists
Users
Setup
User Groups
AE Trusted
AE Admin Role
INSTALLATION04\Administrator
Add...
Remove
Passwords
AE Trusted Users
Enable
New Password:
Confirm Password:
AE Administrators
Enable
New Password:
Confirm Password:
OK
Cancel
Apply
Help

Setup Tab

The Anti-Executable Administrator can setup Logging to log various user actions, apply various settings for Stealth Mode, set up Alerts and enable Deep Freeze Compatibility.



Setting Event Logging in Anti-Executable

Select *Log to File* to log events to the Event Viewer. The log files are saved on the workstation at *S:/AEE/AE.log*.

Anti-Executable Stealth Functionality

Stealth Mode is a group of options that control visual indication of Anti-Executable's presence on a system. Stealth Mode gives the option to the Administrator to hide the Anti-Executable icon in the Windows system tray, prevent the Alert from being displayed and prevent the splash screen from being displayed.

When Anti-Executable is not visible in the system tray, Administrators and Trusted users can launch Anti-Executable through the *Ctrl* + *Alt* + *Shift* + *F10* hotkey.

Stealth functionality has the following options:

- *Hide Notification* — prevents the Alert from being displayed.
- *Hide icon on system tray* — hides the Anti-Executable icon in the system tray.
- *Disable splash windows* — disables the Anti-Executable splash window that is displayed before Anti-Executable is launched.

Deep Freeze Maintenance Compatibility

This feature is applicable only when Faronics Deep Freeze and Faronics Anti-Executable are installed on the computer.

The Deep Freeze Maintenance Mode Compatibility feature allows the Administrator to synchronize the Maintenance Modes of Deep Freeze and Anti-Executable.

By enabling the *Enable Deep Freeze Maintenance Mode Compatibility* check box, Anti-Executable will automatically enter Maintenance Mode when Deep Freeze enters Maintenance Mode (Deep Freeze reboots *Thawed* in Maintenance Mode).

By setting both Deep-Freeze and Anti-Executable to be in Maintenance Mode at the same time, any executable that is added to the computer, will not only be added to the Active White List, but will be retained by Deep Freeze once it freezes back the computer after the Maintenance Mode ends.

Anti-Executable will stay in Maintenance Mode until shortly before the Maintenance Mode of Deep Freeze ends. Once Anti-Executable exits Maintenance Mode, it will add any new or updated executable files to the Active White List. When Deep Freeze exits its Maintenance Mode, it will reboot the computer *Frozen* with the updated White List.

It is not possible to set Anti-Executable to Maintenance Mode if *Deep Freeze Maintenance Mode Compatibility* is enabled and Deep Freeze status is *Frozen*. This is because, changes made to the computer will be lost on reboot.

If Anti-Executable is disabled, and Deep Freeze enters Maintenance Mode, Anti-Executable will continue to be disabled.

Maintenance periods triggered by Deep Freeze will take precedence over any other Maintenance periods scheduled on Anti-Executable.

For more information on Deep Freeze, visit http://www.faronics.com/deepfreeze.

Customizing Alerts

Anti-Executable Administrators can use the Alerts pane to specify the message and an image that appears whenever a user attempts to run an unauthorized executable. The following messages can be set:

- *White List violation message* — displayed when a White List is violated.
- *Black List violation message* — displayed when a Black List is violated.

Enter a message or use the default message provided. This text will be displayed in all alert dialogs whenever a user attempts to run an unauthorized executable. Choose a bitmap image by clicking *Change* and browsing to a file. The selected image will accompany the text in the alert dialog. Alert messages display the following information:

- Executable location
- Executable name
- Default or customized image
- Default or customized message

Uninstalling Anti-Executable

This chapter explains the procedure to uninstall Anti-Executable.

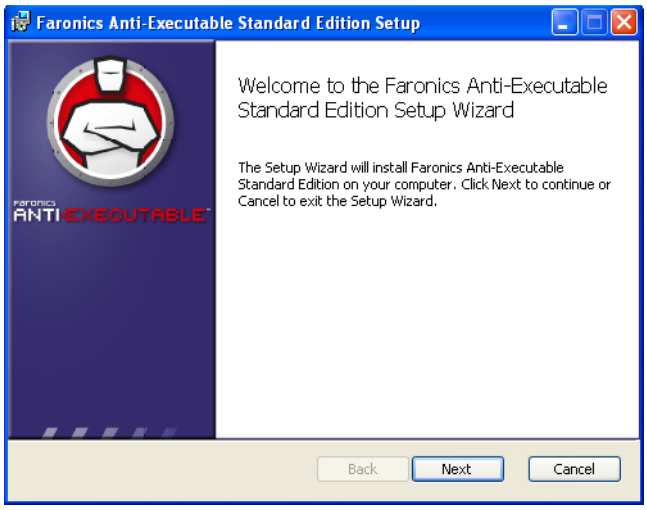
Topics

Uninstalling using the Setup Wizard

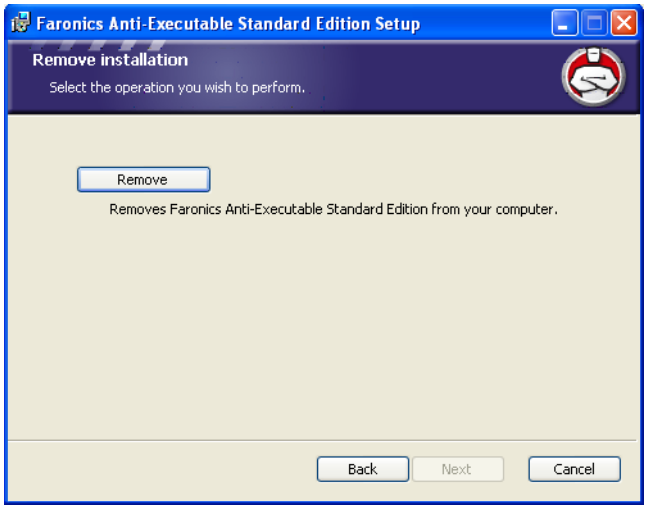
Anti-Executable can only be uninstalled when logged in as a user with Anti-Executable Administrator privileges and when Anti-Executable Protection is set to *Disable*.

Complete the following steps to remove Anti-Executable:

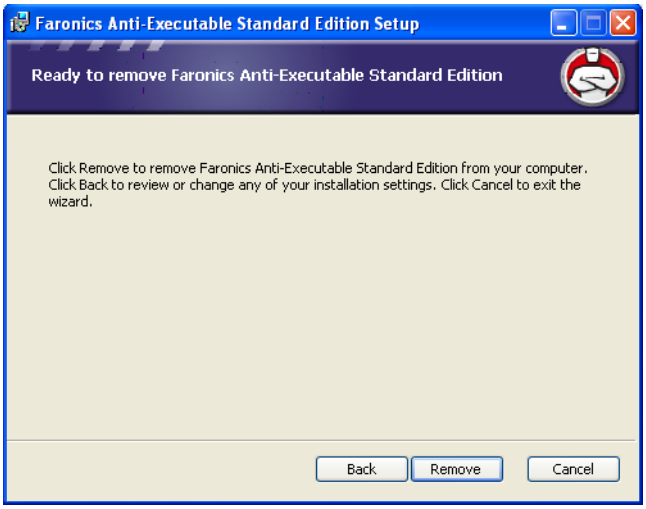
1. Double-click the *.msi* file used to install Anti-Executable. The *Installation Wizard* is displayed.



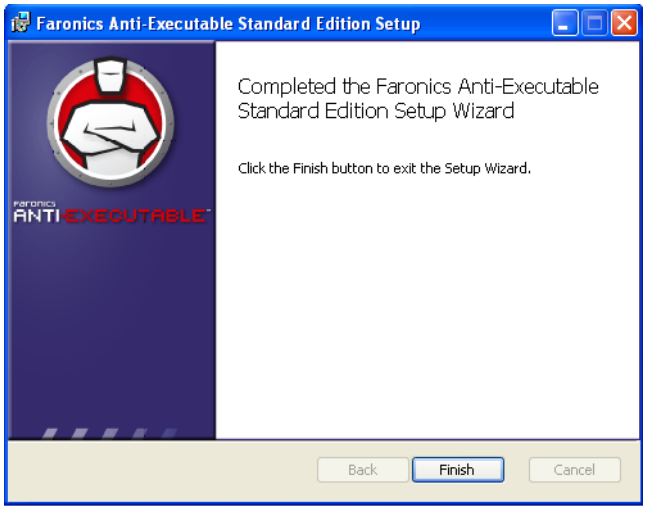
2. Click *Remove* followed by *Next*.



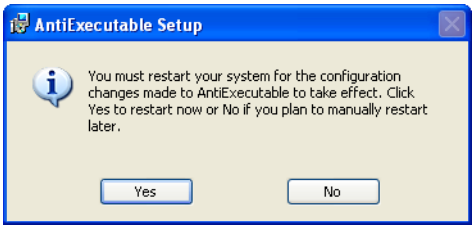
3. Click *Remove*.



4. Click *Finish* to complete the uninstall.



5. Following a successful uninstall, a restart is required. Click *Yes* to restart immediately or *No* to restart later.



An immediate restart is recommended following uninstall.