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Instructional Setup Guide

# Activeworx Security Center Migration Guide for V4.5

# Activeworx Security Center Migration Guide

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## Activeworx Migration Guide for V4.5

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# Activeworx Security Center Migration Guide

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# Activeworx Security Center Migration Guide

## Abstract

This is intended for existing users of Activeworx Security Center. It will describe some of the new/enhanced features available in Version 4.1.x. Starting with Version 4.0, all upgrade processes (unless specified otherwise) have been automated by the ASC Configuration Wizard. With Version 4.0 and above the Activeworx Security Center Manager is now the main control program for all security, database access and communications between the various ASC components.

**NOTE:** Do not attempt to migrate from 3.5 or 3.6 to ASC V4.5 until you have received your new license key. The license key will begin with “ASC40”. Your existing 3.x license key will not work with V4.5. In addition, your V3.x license key will be disabled after installing V4.5. If for any reason, you need to re-install your earlier version, please contact Technical Support.

## New/Enhanced Features for ASC v4.5

### ***Enterprise Edition***

**Audit Logger Separation of Data** – This feature separates the data by location. When this is enabled, data and the index are placed in a different directory for each location so it is impossible for bleed over between locations. Mainly for enterprises who want to set permissions for groups of servers or for MSSP’s who want to have separation of data for each customer.

- **Audit Logger Light** – This has the same powerful Audit Logger, but has limitations. Supports five hosts and has no separation of data or audit logger extension capabilities.
- **Audit Logger Quick Report** – Create a report from the data that is on the screen. By clicking on a menu item, it will quickly create a report that can be exported. This uses the same reporting engine as the rest of the app.
- **Audit Logger Extension Time Based Collection** – This feature will collect data only during certain times of the day (e.g. 10pm-5am. Data will reside on the Audit Logger Extension until the data is collected).

### ***Standard Edition***

- **Report Filter on Report** – Reports will show the filter at the bottom of each report in a normalized, non SQL, fashion.
- **Rename Report** – By double clicking on a report title, you can quickly change the name of the report.
- **Add Tasks when Add a DB** – This feature will add tasks such as GLBA,PCI, etc.. when running the Database Creation Wizard from within the desktop.

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## Upgrading from ASC v4.x to ASC v4.5

To upgrade Activeworx Security Center 4.x to version 4.5 you will need to perform the following steps.

### ***Upgrading Primary Activeworx Security Center Manager***

1. Close all Activeworx Security Center Desktops.
2. Stop all Secondary and Primary Managers.
3. Install Activeworx Manager V4.5 on the Primary Manager.
4. After installing the Activeworx Manager the Configuration Wizard will start, follow the steps below:
  - A. When the Configuration Wizard starts, select **Click to Start**.
  - B. Select **Upgrade Existing Installation** to upgrade from Activeworx v4.0.
  - C. Fill in **Registration information** to license this installation and click **Register** (This is required due to changes in license processing).
  - D. Click **Start Upgrade** to upgrade this primary manager.
  - E. Fill in Primary Database information and click **Test Connectivity**.
  - F. If the test is successful, it will tell you **Successfully Connected to Database**. Click **OK** on this form.
  - G. Activeworx Configuration Wizard will now scan for items that need to be upgraded. Click **Start** to run this scan.
  - H. After the scan is complete, make sure everything you want to upgrade is checked, then click **Next**.
  - I. On the Default Administrator password page, enter the default password for the administrator account twice, then click **Next**.
  - J. On the certificate page, click **Find Certificate** to select the machine certificate. If one does not exist, set the certificate name to the hostname or IP address that will be used by the other Activeworx machines to connect to this manager, then click **Create Certificate**. (Example: CN=asc.internal.mydomain.com or CN=192.168.1.10)
  - K. Once the certificate is created, click **Next**.
  - L. On the Manager Service Credentials, enter a valid Windows User ID (Domain\UserID or ComputerName\Userid if not installing in a domain or you wish to specify user ID's and passwords for each Windows asset) and Password, then click **Set Permissions**. This will be used to run the Activeworx Manager Service and is used throughout the Activeworx manager to communicate with other hosts.
  - M. Once the user is set, click **Next**.
  - N. Click on **Start** to begin the upgrade process.
  - O. The installation will now be upgraded with a detailed log displayed to the screen and written to the install directory. Click **Exit** to close the configuration wizard and open the ASC Manger configuration interface.
  - P. Click **Start** to start the ASC Manager Service. At this point watch the log to make sure everything starts correctly. If no errors messages, continue by upgrading ASC Desktops.

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## ***Upgrade Activeworx Desktop***

After Installing the Primary Manager you will want to confirm everything is setup correctly by upgrading Activeworx Desktop on one of your desktop machines. To do this, perform the following steps:

1. Install Activeworx Desktop V4.5 from installation file.
2. Run Activeworx Desktop after installation.
3. When Activeworx Desktop loads, you will have to log in.
  - A. The default username is “administrator”. This was created during the upgrade of the primary manager.
  - B. Enter the password, this was entered in step I above.
  - C. Enter the hostname of the primary manager entered on step J above without the CN= (Example: asc.internal.mydomain.com or 192.168.1.10).
  - D. Click **Login** to login to the system.
4. You should now be logged into the system.

## ***Upgrading Secondary Activeworx Security Center Manager(s)***

To upgrade (or add) Secondary Managers, complete the following:

1. **Install Activeworx Manager V4.5** on the other Managers.
2. **Run the Activeworx Configuration Wizard:** After installing the Activeworx Manager the Configuration Wizard will start, follow the steps below:
  - A. When the Configuration Wizard starts, select **Click to Start**.
  - B. Select **Add Manager to Existing Install**.
  - C. Enter **default database permissions** this manager should use when connecting to an event database, then click Next. (These could be the same values used on the primary manager, but it depends how user authentication is configured in your installation.)
  - D. On the certificate page, click **Find Certificate** to select the machine certificate. If one does not exist, set the certificate name to the hostname or IP address that will be used by the other Activeworx machines to connect to this manager, then click **Create Certificate**. (Example: CN=asc.internal.mydomain.com or CN=192.168.1.10)
  - E. Once the certificate is created, click **Next**.
  - F. On the Manager Service Credentials, enter a valid Windows User ID (Domain\UserID) and Password, then click **Set Permissions**. This will be used to run the Activeworx Manager Service and is used throughout the Activeworx manager to communicate with other hosts.
  - G. Once the certificate is created, click **Next**.
  - H. Enter the **Primary manager Host address and Port**, then click **Next**.
  - I. Enter **user credentials** that have permissions to add a secondary manager. This could be the administrator user account that was created when creating your primary manager, then click **Next**.
  - J. Click **Add Manager** to start the process of adding the manager.
  - K. Once the manager has established connectivity to the primary manager it will ask which manager you would like to set this to. Select the manager from the drop down list and click **OK**.
  - L. The manager has now been added, click **Exit** to open the Manager configuration interface.
  - M. Click **Start** to start the ASC Manager Service. At this point watch the log to make sure everything starts correctly.

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## Upgrading from ASC v3.5 or v3.6 to ASC v4.5

To upgrade Activeworx Security Center to version 4.1 you will need to perform the following steps.

### *Upgrading Primary Activeworx Security Center Manager*

5. **Install Activeworx Manager V4.1 on the Primary Manager:** The primary manager is new to Activeworx v4 and is the main manager of your installation that will communicate with all other managers, called secondary managers, to share configuration and licensing information.
6. **Run the Activeworx Configuration Wizard:** After installing the Activeworx Manager the Configuration Wizard will start, follow the steps below:
  - A. When the Configuration Wizard starts, select **Click to Start**.
  - B. Select **Upgrade Existing Installation** to upgrade from Activeworx v3.5 or newer.
  - C. Fill in **Registration information** to license this installation and click **Register**.
  - D. Click **Start Upgrade** to upgrade this primary manager.
  - E. Fill in Primary Database information and click **Test Connectivity**.
  - F. If the test is successful, it will tell you **Successfully Connected to Database**. Click **OK** on this form.
  - G. Activeworx Configuration Wizard will now scan for items that need to be upgraded. Click **Start** to run this scan.
  - H. When upgrading from v3.x to 4.1 all of the included reports have been updated. If you want to upgrade to these new reports, you will have to re-schedule all previous scheduled tasks that used the included reports. If you would like to do this, click yes, otherwise click no to not have these tasks upgraded. (NOTE: It is suggested to click yes and upgrade all tasks)
  - I. After the scan is complete, make sure everything you want to upgrade is checked, then click **Next**.
  - J. On the Default Administrator password page, enter the default password for the administrator account twice, then click Next. (This account is the new default account to log into Activeworx desktop.)
  - K. On the certificate page, click **Find Certificate** to select the machine certificate. If one does not exist, set the certificate name to the hostname or IP address that will be used by the other Activeworx machines to connect to this manager, then click **Create Certificate**. (Example: CN=asc.internal.mydomain.com or CN=192.168.1.10)
  - L. Once the certificate is created, click **Next**.
  - M. On the Manager Service Credentials, enter a valid Windows User ID (Domain\UserID) and Password, then click **Set Permissions**. This will be used to run the Activeworx Manager Service and is used throughout the Activeworx manager to communicate with other hosts.
  - N. Once the user is set, click **Next**.
  - O. Click on **Start** to begin the upgrade process.
  - P. The installation will now be upgraded with a detailed log displayed to the screen and written to the install directory. Click Exit to close the configuration wizard and open the ASC Manger configuration interface.
  - Q. Click **Start** to start the ASC Manager Service. At this point watch the log to make sure everything starts correctly. If no errors messages, continue by upgrading ASC Desktops.

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## Upgrade Activeworx Desktop

After Installing the Primary Manager you will want to confirm everything is setup correctly by upgrading Activeworx Desktop on one of your desktop machines. To do this, perform the following steps:

5. Install Activeworx Desktop V4.1 from installation file.
6. Run Activeworx Desktop after installation.
7. When Activeworx Desktop loads, you will have to log in.
  - A. The default username is Administrator. This was created during the upgrade of the primary manager.
  - B. Enter the password, this was entered in step J above.
  - C. Enter the hostname of the primary manager entered on step K above without the CN= (Example: asc.internal.mydomain.com or 192.168.1.10).
  - D. Click **Login** to login to the system.
8. You should now be logged into the system.

## Upgrading Secondary Activeworx Security Center Manager(s)

A secondary manager is any installed manager besides the primary manager. The secondary managers communicate with the primary manager for all configuration settings. Users can authenticate to any of the secondary managers or the primary manager.

3. **Install Activeworx Manager V4.1** on the other Managers.
4. **Run the Activeworx Configuration Wizard:** After installing the Activeworx Manager the Configuration Wizard will start, follow the steps below:
  - A. When the Configuration Wizard starts, select **Click to Start**.
  - B. Select **Add Manager to Existing Install**.
  - C. Enter **default database permissions** this manager should use when connecting to an event database, then click Next. (These could be the same values used on the primary manager, but it depends how user authentication is configured in your installation.)
  - D. On the certificate page, click **Find Certificate** to select the machine certificate. If one does not exist, set the certificate name to the hostname or IP address that will be used by the other Activeworx machines to connect to this manager, then click **Create Certificate**. (Example: CN=asc.internal.mydomain.com or CN=192.168.1.10)
  - E. Once the certificate is created, click **Next**.
  - F. On the Manager Service Credentials, enter a valid Windows User ID (Domain\UserID) and Password, then click **Set Permissions**. This will be used to run the Activeworx Manager Service and is used throughout the Activeworx manager to communicate with other hosts.
  - G. Once the certificate is created, click **Next**.
  - H. Enter the **Primary manager Host address and Port**, then click **Next**.
  - I. Enter **user credentials** that have permissions to add a secondary manager. This could be the administrator user account that was created when creating your primary manager, then click **Next**.
  - J. Click **Add Manager** to start the process of adding the manager.
  - K. Once the manager has established connectivity to the primary manager it will ask which manager you would like to set this to. Select the manager from the drop down list and click **OK**.
  - L. The manager has now been added; click **Exit** to open the Manager configuration interface.

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M. Click **Start** to start the ASC Manager Service. At this point watch the log to make sure everything starts correctly.

## ***Additional Upgrade Requirements***

As mentioned earlier in this guide, any previously scheduled reports must be rescheduled. Many reports have been changed and many more added. This process must be completed or the results of running scheduled reports will be unpredictable.

## **Upgrading from Earlier Versions of ASC**

Please contact Technical Support for instructions.