

Express Software Manager

Installation Guide

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GENERAL INSTALLATION INSTRUCTIONS

Prior to installing Express Software Manager, we highly recommend you view and/or print the resources below.

System Requirements: www.expressmetrix.com/products/system-requirements

QuickStart Guide: www.expressmetrix.com/pdf/QuickStart.pdf

Frequently Asked Questions: www.expressmetrix.com/support/faq

To install Express Software Manager, follow the instructions below.

- 1. Download the product package, and copy the downloaded executable to the target machine, if necessary**
- 2. Run esm1110.exe (which will extract the contents of the package and launch esmsetup.exe, the installer)**
- 3. Select the appropriate installation type**
 - If you are installing one or more components to a Windows server, choose the default, **Normal Install**. (You may either install on your own SQL instance, or you may choose to install SQL Server Express during the installation process.) You can also use this option to install the Administrative Console and Express Server components to a workstation.
 - If you are installing all components to a single Windows server, you may choose **Single Server Install**. This option streamlines the installation process including installation of an instance SQL Server Express for the Express Database. Note: you can also choose this option to install all components to a workstation, however, this should only be used when evaluating Express Software Manager on a very limited number of machines.

4. After the installation is completed, launch the Express Administrative Console

- When prompted, copy and paste the license key you received via email¹.
- The Setup Wizard will automatically start, and a deployment check list will be displayed. We recommend proceeding through both in order to deploy the client and become familiar with the product.

¹ Immediately after registering to become an Express Software Manager user, you will receive an email containing a license key that enables you to deploy the Express Software Manager client on a certain number of machines based on the organization size you specified when you registered. If you did not enter a valid email address, you will need to re-register with a valid email address in order to receive your license key. If you don't receive an email containing a license key, send a request to licensekey@expressmetrix.com.

INTEGRATION WITH MICROSOFT SYSTEMS CENTER CONFIGURATION MANAGER (SCCM)

The following instructions pertain to users who plan to integrate Express Software Manager with Microsoft SCCM. To do this, it is necessary to utilize the Express Connector tool to facilitate the import of data from a Microsoft SCCM database into the Express Database for configuration and reporting.

To do so, please follow the instructions below.

1. Prepare the Express Database to run the Express Connector

The Express Connector is by default installed into the **\Connector** folder within your Express Software Manager installation root folder:

C:\Program Files (x86)\Express Metrix (64-bit systems)

C: \Program Files\Express Metrix (32-bit systems)

Navigate to the **<esm-root>\Connector** folder and run the **expressconnector.sql** script against the Express Database using the **EMSql.exe** tool (part of the ESM Database component installed in the **<esm-root>\Database** folder) or another SQL Server tool such as SQL Server Management Studio.

See how to prepare the Express Database in this video:

www.expressmetrix.com/training/expressconnector/10/ExpressConnector-DatabaseScript.htm

2. Run the Express Connector to configure SCCM import by creating an SCCM data source

- a) Run **ExpressConnector.exe** (located in the <esm-root>\Connector folder) to launch the Express Connector.
- b) Create a connection to your Express Database by providing:
 - i. The SQL Server and SQL instance.
 - ii. Location, credentials, and database name. (You only need to do this once.)
- c) Create a connection to your SCCM database by creating a new data source and providing:
 - i. A connection name and description.
 - ii. The SQL Server and SQL instance.
 - iii. Credentials.
 - iv. The name of the SCCM database Once you have provided this information, the Collections and Mapping buttons will be enabled.
- d) Click the **Collections** button to select the machines in your SCCM database you want to import. A dialog is displayed showing the machine collections that exist in your SCCM database. Select the collections that include the machines you want to import, and click **OK**.
- e) Click the **Mapping** button to specify how Express Software Manager hardware properties will be mapped to information within the SCCM database.

The SCCM Hardware Field Mapping dialog is displayed. The left panel shows the mapping between Express Software Manager and SCCM hardware fields; most hardware fields in the Express Database are collected by SCCM by default, and for those, mappings are already provided. The right panel shows all available SCCM fields based on your SCCM MOF file. If there are unmapped Express Software Manager fields, you can search the list of SCCM fields and manually map applicable fields.

Note: If you can't locate applicable SCCM fields to map to unmapped properties, you will need to modify your SCCM MOF file to specify that additional information be collected, then map them later by modifying the data source.

When you have finished with field mapping, click **OK**.

- f) Click OK to save the newly created data source.

See how to create an SCCM data source in this video:

www.expressmetrix.com/training/expressconnector/10/ExpressConnector-SCCMDataSource.htm

More information about configuring and using the Express Connector can be found in Express Connector Help.

3. Import the SCCM data

The final step is to import your SCCM data. Select the newly created SCCM data source and click **Import**. When the Import dialog is displayed, click **Start** to begin the import process. The dialog shows the status of the import as the process executes.

4. Schedule import to run automatically

The Express Connector can be run from the command line which allows you to schedule imports to occur automatically. See the "Schedule the import process" topic in the Express Connector help file for more information.