



Sage Estimating (SQL) v23.1

Means 2024 Integration Guide

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Contents

- Chapter 1: About the Means 2024 Integration Guide 1
 - Read the Supporting Documentation Before You Begin 1
 - Conventions Used in this Guide 1
 - Need help? 2
 - Submitting Enhancement Requests 5

- Chapter 2: About Means Integrator 6
 - Overview 6

- Chapter 3: Means Integrator Workflows 8
 - Step One: Prepare Database 8
 - Step Two: Select Data 10
 - Step Three: Select Pricing 10
 - Step Four: Select Options 10
 - Step Five: Finish 10

Chapter 1: About the Means 2024 Integration Guide

The RS Means Integrator enables you to add RS Means item pricing databases to your Sage Estimating software. Using the RS Means Integrator, you can also update your Means price databases on a recurring basis.

Read the Supporting Documentation Before You Begin

This *Means 2024 Integration Guide* provides installation, setup, and operating instructions for Means Integrator. Be sure to read it, as well as the following supporting documentation, before you install and configure Sage Estimating:

- The *Installation and Administration Guide* includes an overview of this release, installation instructions, system requirements, and contact information.
- The *Release Notes* provide details about new features, database changes, known issues, and fixes.
- The *Getting Started Guide* provides an operational overview of the Sage Estimating software.
- The *SQL Server Guide* gives you an overview of the significant differences between the new SQL Server databases and the Pervasive databases used in previous Sage Estimating releases.

Conventions Used in this Guide

This guide uses the following conventions:

- Information you type into the software is shown in bold font. For example: Type **Miscellaneous** in the box.
- The names of screens, windows, fields, and other features displayed by the software are shown in **bold font**.

- Names of keys are also shown in bold font. For example: **Enter** or **Tab**. A plus sign (+) between two key names indicates you should press the keys simultaneously.
- The names of buttons you can click are shown in bold font and enclosed in brackets. For example: **[OK]** or **[Post]**.
- Variable names or names that are specific to your installation may appear in italics and brackets. For example: [*Drive*]\[*Server*].

Menu Paths

In this document, menu paths show you the steps required to start a task. Menu paths appear in bold font with square brackets around buttons. For example:

"If the program does not automatically start, click **[Start] > Run**."

Need help?

Use Sage Estimating Help or a variety of self-help resources to get answers to your questions.

The Help System

Sage Estimating Help provides more efficient access to information than most manuals. With a click of the mouse or a keystroke, you can easily get Help for a command, a field, a window, or a procedure.

Sage Estimating displays Help in your default browser. If you have an Internet connection, it displays the most current Help for your version of Sage Estimating from the Sage Estimating Help website. If you have no connection (you are working offline), it displays Help that was current when the software was released and installed on your computer when you install Sage Estimating.

Important! Because the Microsoft Edge browser does not display locally installed help properly, we recommend that you select a different default when working offline.

To get Help on a window option

To display Help for an option in a window, do one of the following:

- Click **What's This?** on the toolbar or on the title bar, and then click the option.
- Select **What's This?** from the **Help** menu, and then click the option.
- Select the option, and then press F1.

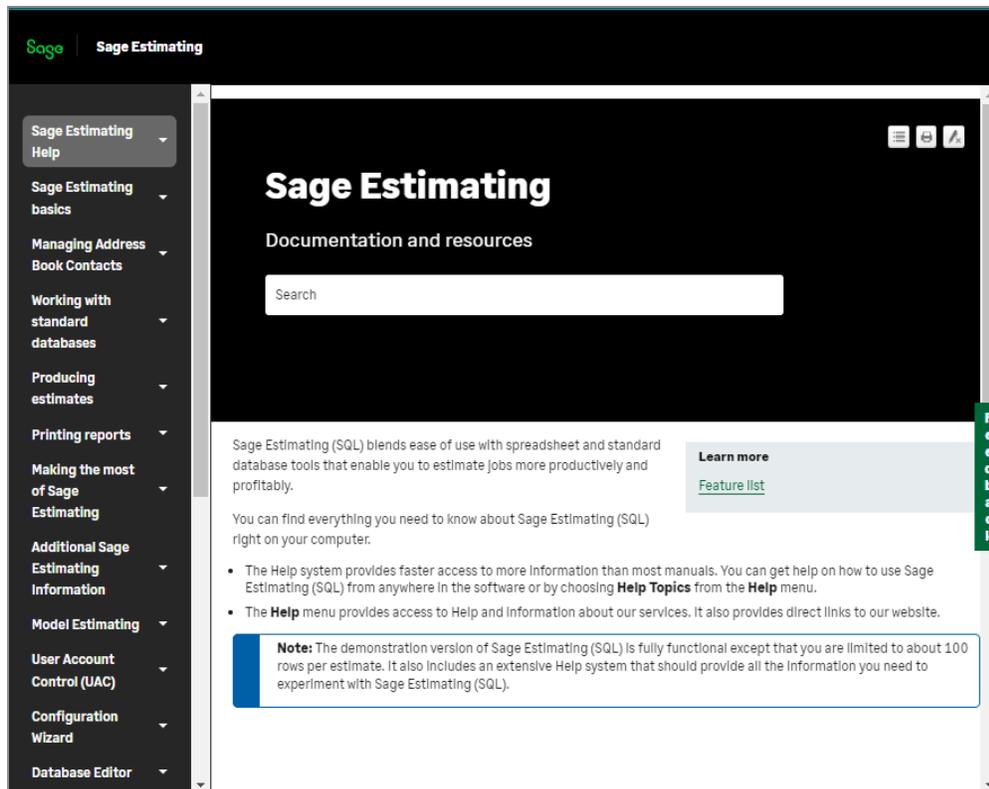
To get Help for the whole window

For information about the window, such as the window's purpose and what tasks you can perform in it, click **[Help]** at the bottom of the window.

To use Help to learn how to do tasks

1. Click **[Help]** on the toolbar, or select the **Home** tab > **Help** group > **Help** (or select **Help** menu > **Help topics** in classic view).

The Help Window



2. Use the navigation pane to begin looking for a topic.
 - Help subjects are organized under headings. Select the heading for the type of task you want to perform to view a list of topics.

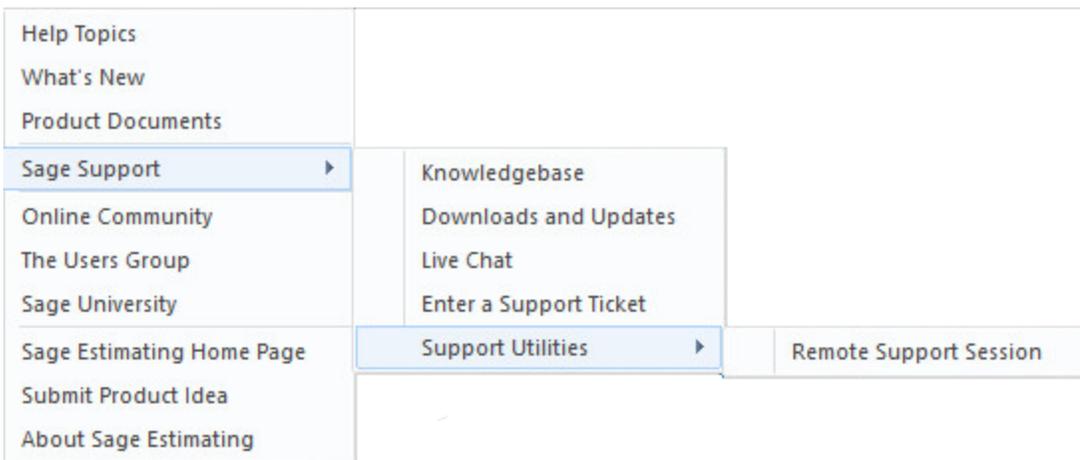
When you see the topic you want, double-click it to display it.

- Select the **Glossary** heading to view an alphabetical list of definitions of terms used throughout the Sage Estimating software.
3. Use the **Search** box to find articles that match the keywords you enter.

Additional self-help resources

The Help menu available from on the ribbon also provides convenient links to a variety of self-help resources.

The Help menu in Ribbon view



Get help by:	Recommendation*	To access:
Reading product documentation	View documents and reference material from the Estimating Product Documents website.	Visit the Sage Estimating Product Documents page.
Searching the Knowledgebase	Search the Sage Knowledgebase, which provides 24/7 access to support articles as well as the latest software downloads and updates.	Visit the Knowledgebase at Sage Knowledgebase .

Get help by:	Recommendation*	To access:
Asking the community	Join industry peers, certified partners, and Sage pros online 24/7 at the Sage Community Hub—the best place to ask questions and share product experiences, tips, and tricks.	Visit the Sage Estimating General Discussion forum.
Checking the latest product alerts	Keep up with the latest product information with Sage Estimating Announcements at the Sage Community Hub forum.	See Sage Estimating Announcements .
Submitting a web ticket	Submit your issue directly to our support team using Online Case submission.	Visit the Sage Customer Portal .
Exploring training options	Learn how to harness the full power of your software through videos and classes at Sage University.	Visit Sage University . You can also get access to Sage University from the Estimating File menu by selecting Help > Sage University .
* Customer Service hours vary by product line. Access to some resources require an active Sage Business Care support plan.		

Submitting Enhancement Requests

We want to hear your suggestions for improving the software. To send us your comments, click the File menu button  and then select **Help > Submit Product Idea**.

Chapter 2: About Means Integrator

Sage Estimating offers Means Integrator cost data files that you can use to create, extend, or update item costs in your Estimating Standard databases with current costs for corresponding items in the RSMMeans Cost Data Books. If you use RSMMeans cost data in your estimates, read this chapter for instructions on updating the following Estimating Standard databases:

- **Construction Knowledgebase.** The Construction Knowledgebase is a Sage Estimating Standard database that contains Means items and other data. You can use the **Building and Construction Cost Data (BCCD) Means** cost data file to update prices in this database.
- **Residential Knowledgebase.** The Residential Knowledgebase is a Sage Estimating Standard database that contains Means items and other data. You can use the **Residential Cost Data Prices Means** cost data file to update prices in this database.
- Any Estimating Standard databases that were created or extended using Means cost data files.

Overview

The Means Integrator cost data files correspond to the RSMMeans Cost Data Books available from [Gordian](#).

With Sage Estimating Means Integrator, you can create or extend Estimating Standard databases with items that match those in the RSMMeans Cost Data Books. You can also update prices for your existing Estimating Standard databases that contain RSMMeans items.

1. Install or upgrade to Sage Estimating version 24.1 if you do not already have it installed on your computer.
2. Download the 2024 Means cost data files to the workstation or server where you want to store them.
3. Using Windows Explorer, navigate to the folder to which you downloaded the cost data installation files, right-click **DeployDB.exe**, and then click **Run as administrator**.

4. In the **Deploying Means Integrator Cost Data** wizard that appears:
 - a. Click [**Accept**], indicating that you agree to the license terms.
 - b. Click [**Browse**], and then browse to the server or workstation where you want to store your Means Integrator cost data files.
 - c. Click [**Install**].
5. After the installation is finished, start the **Means Integrator**.
Click **Start > All apps > Sage Estimating 24.1 > Means Integrator**.
6. Follow the steps through the Means Integrator wizard.

Chapter 3: Means Integrator Workflows

Integrating your RSMMeans Cost Data is a five-step process.

Step One: Prepare Database

In the Means Integrator wizard **Prepare Database** window, you can select whether to transfer data or update data. The following information describes the outcome of these options.

Transfer Data

Select **Transfer Data** if you want to move RSMMeans items to a new or existing Sage Estimating database.

- **Transfer Data–New Database**

Select this option to create a new Sage Estimating Standard database and populate it with all of the RSMMeans items.

Note: You cannot set job cost interface specifications for a new Standard database using this option. You need to create a new Standard database, set up job cost specifications (such as phase suffix and company), and then transfer RSMMeans data to the new database using the **Existing Database** option in this window. See the Means Integrator Help for more information.

- **Transfer Data–Existing Database**

Select this option when you want to transfer the Means items to an existing Sage Estimating Standard database.

If you select this option, the Means Integrator transfers the RSMMeans items directly to the selected Sage Estimating Standard database. The resulting database will contain both your existing phases and items and the RSMMeans phases and items.

Note: Addition of RSMMeans phases and items could cause your phase sort to appear differently in Sage Estimating if the RSMMeans items have a different phase format than those already in the Standard database.

If you are transferring RSMMeans Cost Data to a new database, also select a company to associate with the data, then specify the length of the normal work periods and the default crew pricing method. Sage Estimating displays the specified information in the **Database Settings** window whenever you open the database.

Update Data

Select **Update Data** if you need to update the prices of RSMMeans items in an existing Sage Estimating Standard database.

If you want to update RSMMeans items in a Standard database created using an earlier version of Sage Estimating (such as Sage Estimating 19.11), ensure you migrate your data to Sage Estimating version 24.1 before performing this update in Means Integrator.

Selecting Means Integrator Cost Data Files

To select the Means Integrator cost data files:

1. Click the [**Browse**] button, and then navigate to the folder where you installed the Means Integrator cost data files.
2. Select the file or files you want to use.
 - You can use the [**Browse**] button again to add files to the selection.
 - Use the [**Remove**] button to remove files from the selection.

If this is the first time you have used a cost data file, the Means Cost Data File Activation window opens. You will need to enter the activation codes for the file.

3. In the **Means Cost Data File Activation** window (if it appears), type the activation code in the **Activation Code** box.

Note: Items in the Means Integrator cost data files use MasterFormat 2016 (MF16) coding, which is compatible with the previous MF10 and MF04 formats.

Step Two: Select Data

Select the RSMMeans divisions and items that you want to update in or transfer to your selected Sage Estimating Standard database.

You can select items and divisions individually or select all available items and divisions at one time.

Step Three: Select Pricing

Select whether to use RSMMeans national average pricing for item pricing or base item pricing on a regional cost index.

- If you choose to use the **RSMMeans Standard National Average Pricing** option, the Means Integrator uses the RSMMeans standard national average as the base price for each item during the integration. The Means Integrator then imports all city cost indexes associated with the RSMMeans items so you can use them later with the Sage Estimating **Cost Index** feature.
- If you select the **RSMMeans City Cost Index** option, the Means Integrator calculates and sets item pricing based on the region you specify in the **State** and **City** boxes. It does not import any city cost index information for use in Sage Estimating.

Step Four: Select Options

Select a variety of options to apply to the database, including pricing options (**Crew**, **Hourly**, or **Unit**), audit report options, and what to do with any duplicate items.

Step Five: Finish

Review the summary information and click [**Finish**] to transfer or update the selected database with RSMMeans information.

You can make changes as necessary by clicking [**Back**] and editing the desired information.