

SYSTEM ADMINISTRATOR'S GUIDE

**Avery Dennison®
FreshMarx®
EasyEdit+
Version 3.2**

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Use the Avery Dennison® Monarch® Freshmarx® EasyEdit+ Utility to create and edit product data files for the Avery Dennison® Monarch® 9417+ Printer. The Freshmarx application includes 22 standard label formats for food freshness dating, nutrition labeling, as well as grab-and-go labeling. See Appendix A, "[Standard Formats](#)" for more information on using the standard formats.

You may have a custom application that differs slightly from the examples in this manual. The screens and labels shown are for reference only.

Important: The EasyEdit+ Utility can only be used with FreshMarx® Printer Application Version 3.0 and higher.

This revision of the manual is for FreshMarx® Application Version 3.2 and higher.

Use the EasyEdit+ Utility to upgrade your data file from the previous format (.DAT) to the current format (.FRESHMARX). Once your data file is in the .FRESHMARX format, it cannot be restored back to .DAT. FRESHMARX data files can only be used with Freshmarx Application version 3.0 or higher.

Audience

This manual is for the System Administrator who creates the data file for the 9417+ printer.

System Requirements

To install and use the Avery Dennison® Monarch® EasyEdit+ Utility, your PC must meet these requirements:

Supported	♦ Windows XP	♦ Windows 7
Operating Systems:	♦ Windows Vista	♦ Windows 10

Processor: 1 GHz minimum recommended

Memory (RAM): 1 GB minimum recommended

Hard Disk Space: 1 GB minimum recommended

Note: Some combinations of computer hardware and versions of Windows® Operating Systems require you to run EasyEdit+ as an Administrator. Right click on the desktop icon and select Run As Administrator.

Installing the EasyEdit+ Utility

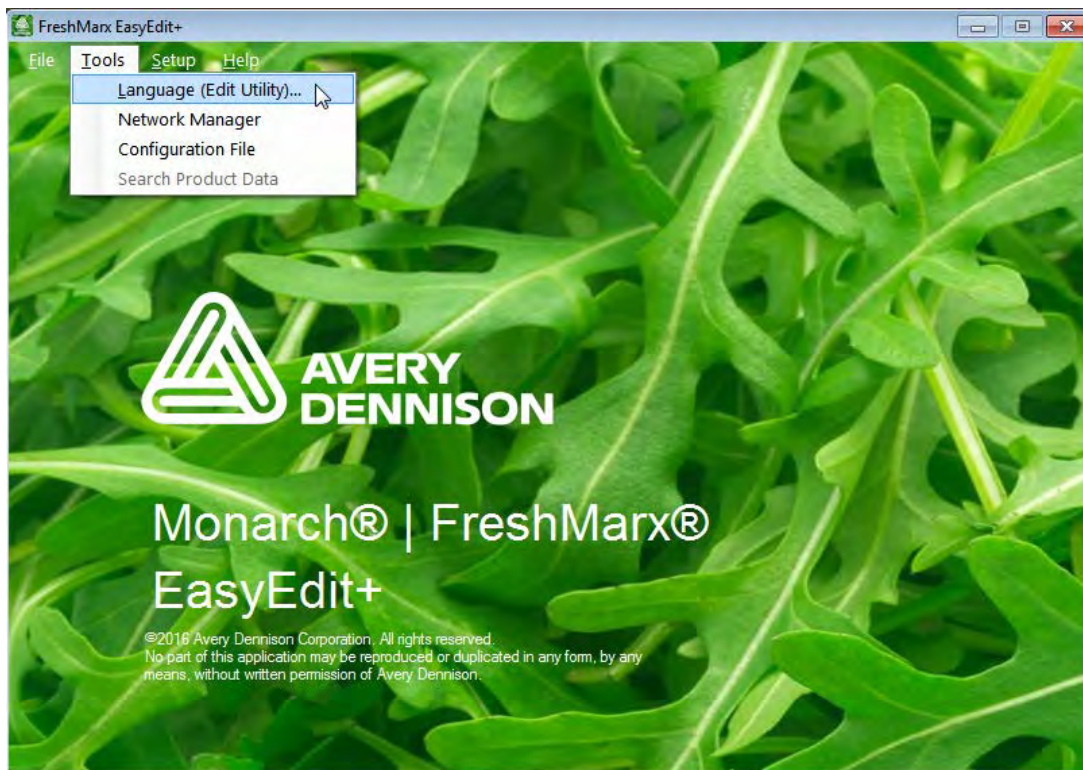
To install the EasyEdit+ Utility on your computer:

1. Download the EasyEdit+ Utility from our Web site (www.AveryDennison.com/Printers) to your computer.
2. Open the downloaded file and follow the on-screen instructions to complete the installation.
3. Once the EasyEdit+ Utility is installed, you can:
 - ◆ Upload a product data file from a printer to your computer, see “Uploading the Product Data File” for more information.
 - ◆ Edit a product data file on your computer, see “Editing the Data File” for more information.
 - ◆ Update a product data file, see “Updating the Product Data File” for more information.
 - ◆ Update the application, see “Updating the Application’s Software” for more information.

Selecting a Language

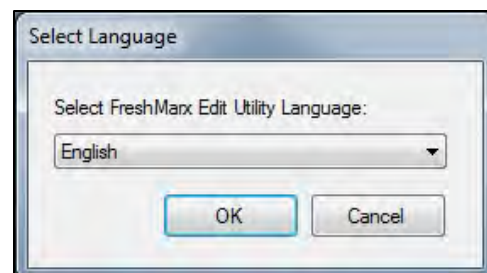
EasyEdit+ can display in various languages. To change the language:

1. Start EasyEdit+.
2. Select **Tools, Language (Edit Utility)**.



3. Select your language from the drop-down list and click **OK**.

The menu items change into the selected language.



About Assigning Formats

The Freshmarx application includes 22 standard formats for food freshness dating, nutrition, and grab-and-go labeling. See Appendix A, "[Standard Label Formats](#)" for information on each format and a sample image. Formats are assigned when you create a category button. Freshmarx includes six categories to group your items. Only one format is assigned to a category.

Example categories are:

- ♦ Breakfast, Salad, Ingredients, etc.
- ♦ A - B, C - G, H - K, etc. (See "[Alphabetizing Your Data](#)")
- ♦ Nutrition, Ingredient, Freshness, Grab-and-go, etc.
- ♦ Labels, Videos, Documents, Timers, etc. (See "[About Button Modes](#)")

Note: If you select a format larger than the loaded labels, some information may not print.

About Freshness Labeling

The Freshmarx date coding system calculates expiration dates/times based on each item's entered Use By Duration. When you create a product button enter the Use By Duration, Freshmarx calculates an expiration to print on the labels. The default mode prints the date and time on the label.

Freshmarx includes options to customize the printed expiration information, such as:

"End of Day" expiration mode Use for products that expire at the end of each day or in a set number of days. Only the date is printed, not the time.
Enter Must Use By Duration values in days. The printer ignores anything entered in the hours and minutes fields.
For example, 0 days expires today; 1 day expires tomorrow, etc.

<i>End of Day Expiration</i>	0 Day Expiration	1 Day Expiration	2 Day Expiration
Current Date: 09/01/16	End of Day 09/01/16	End of Day 09/02/16	End of Day 09/03/16

Print "End of Day" on Label. Enables or disables printing the words "End of Day" on the label when using "End of Day" expiration mode.

Custom Use By Description Default text is "MUST USE BY". This can be modified to print a custom description, such as "BEST BEFORE".

Date & Time of Print	Use By Duration	Default Expiration	End of Day Expiration Mode	Print End of Day	Custom Use By Description
09/01/16 10:21 AM	1Day 1 Hour 15 Minutes	Sample Product 1 Description 2 Description 3 MUST USE BY 11:36 AM 09/02/16	Sample Product 2 Description 2 Description 3 MUST USE BY 09/02/16	Sample Product 2 Description 2 Description 3 MUST USE BY END OF DAY 09/02/16	Sample Product 2 Description 2 Description 3 BEST BEFORE 11:36 AM 09/02/16

Note: The sample labels above were created using Format 1.

About Button Modes

Product buttons can have different modes (functions). Button mode is set on the Button Properties screen when you create or edit a product button.

For more information, refer to the 9417+ System Administrator's Guide and 9417+ Operator's Handbook found on our Web site

The button modes are:

Timer Button Mode

Create a timer product button to initiate a timer on the printer. Use the Button Properties screen to set the timer duration.

Video Button Mode

Create a video product button to play a video on the printer. Use the Button Properties screen to link the button to the video.

See "[Appendix C](#)" for more information on videos.

Document Button Mode

Create a document product button to view a document on the printer. Use the Button Properties screen to link the button to the document.

See "[Appendix C](#)" for more information on videos.

Label & Video Button Mode

Label & video product buttons' primary function is to print labels. When the button is pressed, the label quantity screen opens. Press Play Video to play the video before printing labels. After the video plays, the print quantity screen is shown.

Label & Document Button Mode

Label & document product buttons' primary function is to print labels. When the button is pressed, the label quantity screen opens. Press View Document to view the document before printing labels. After the document is closed, the print quantity screen is shown.

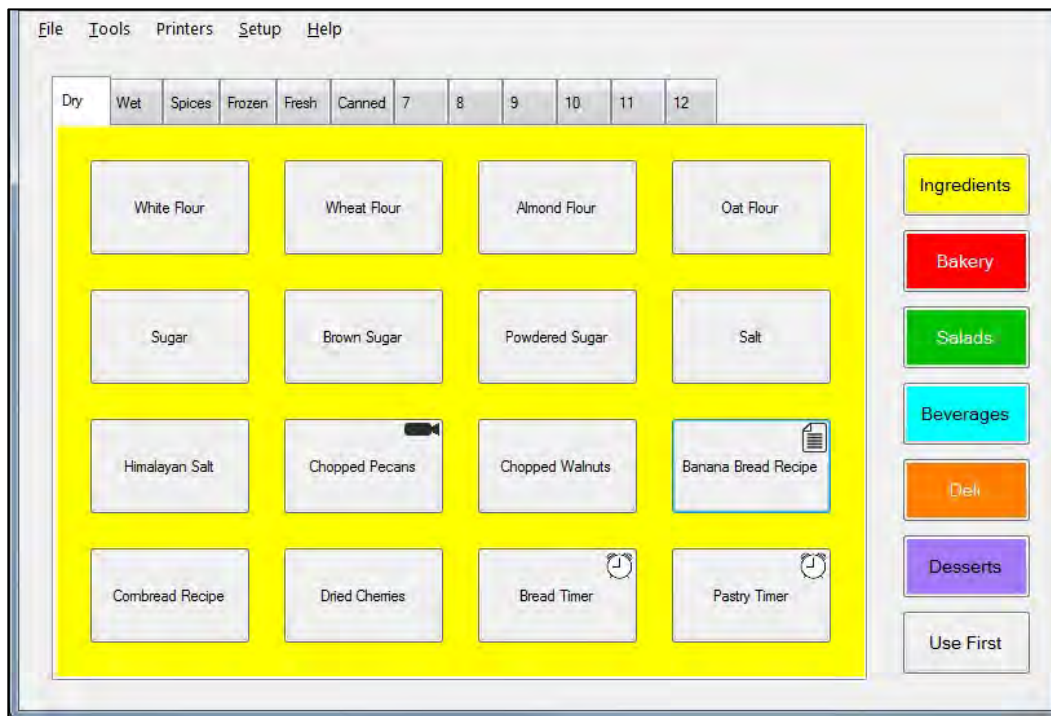
Label & Timer Button Mode

Label & timer product buttons' primary function is to print labels. When the button is pressed, the label quantity screen opens. Enter the quantity of labels to print. When you press Enter, the labels print and the timer is started.

The screenshot shows the "Button Properties" dialog box. It contains several sections: "Button Name" with a text field; "Label Data" with buttons for Bold (B), Italic (I), and Underline (U), and three text fields for "Description 1:", "Description 2:", and "Description 3:"; "Use By" with a "Use By Description" field containing "MUST USE BY", and "Use By Duration" fields for Days, Hours, and Minutes, all set to 0. There is a checkbox for "Use 'End of Day' expiration mode". The "Prep" section has a checked "Prep Description" checkbox with a field containing "PREP", and "Prep Information" with radio buttons for "Date & Time" (selected) and "Date". An inset window shows the "Button Mode" dropdown menu with options: Label, Label & Timer, Video, Label & Video, Document, and Label & Document. The "Label" option is currently selected. There are "Clear Fields" and "Cancel" buttons at the bottom of the inset.

Button Mode Icons

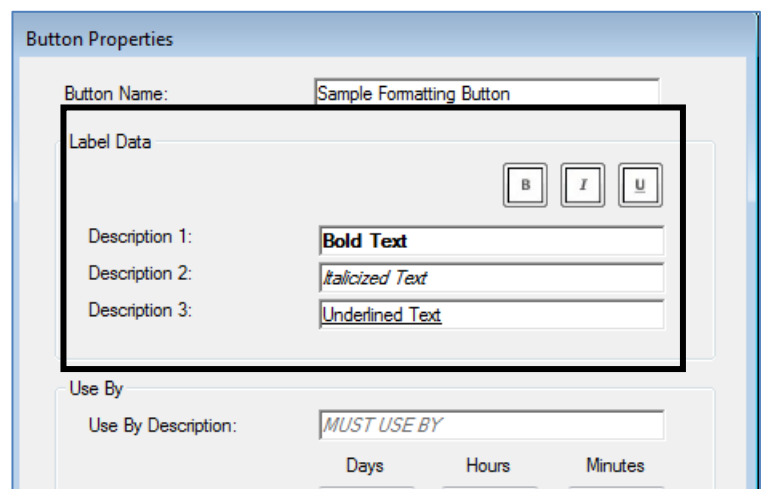
Once you create product buttons, the buttons appear as shown:



- ◆ Timer, video, and document buttons have icons in the top right corner of the button so users know the button's function.
- ◆ Label buttons are the default; they do not have an icon.
- ◆ Label & video and label & document buttons do not have an icon because the button's primary function is to print a label. As a secondary function the user can view a video or a document.

Formatting Text

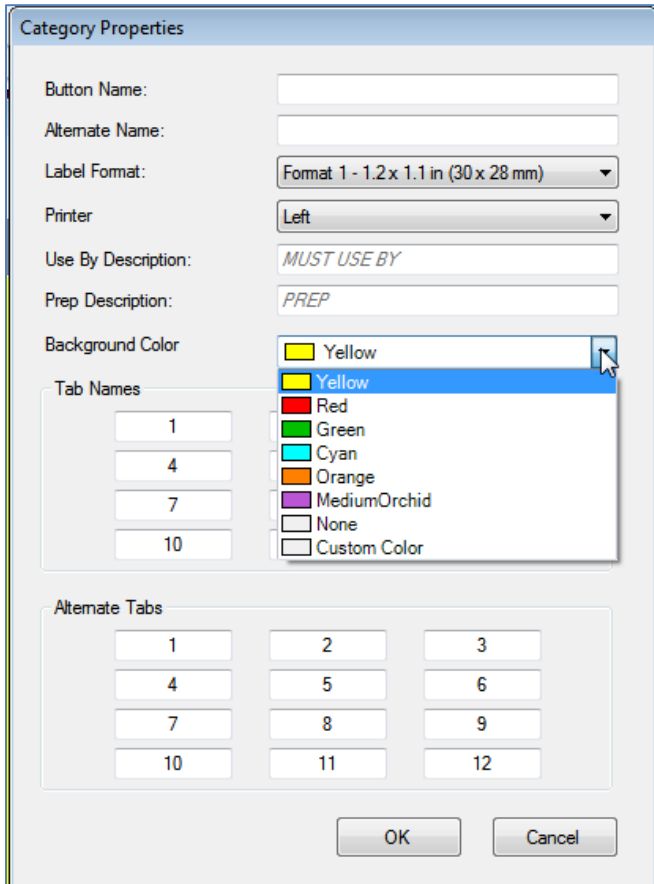
Some label data can be bold, italic, or underlined. To print the label data with these styles, apply them on the Button Properties screen. Enter the text, highlight it, then select the style you want to apply. You can apply more than one style to the text. For example, the text can be bold and italic.



Formatting Category Colors

You can customize the category colors. Use the Category Properties screen to change the color of the Category Button background and the color behind the Product Buttons.

Note: Light colors may not display well on the printer.

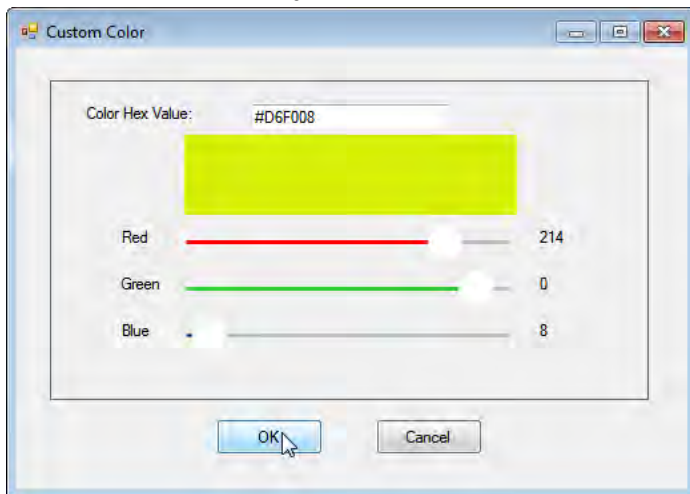


The 'Category Properties' dialog box contains the following fields and controls:

- Button Name:
- Alternate Name:
- Label Format:
- Printer:
- Use By Description:
- Prep Description:
- Background Color: A color selection area with a dropdown menu showing 'Yellow' and a list of other colors: Yellow, Red, Green, Cyan, Orange, MediumOrchid, None, and Custom Color.
- Tab Names: A list of tabs numbered 1, 4, 7, and 10.
- Alternate Tabs: A grid of tabs numbered 1 through 12.
- OK and Cancel buttons at the bottom.

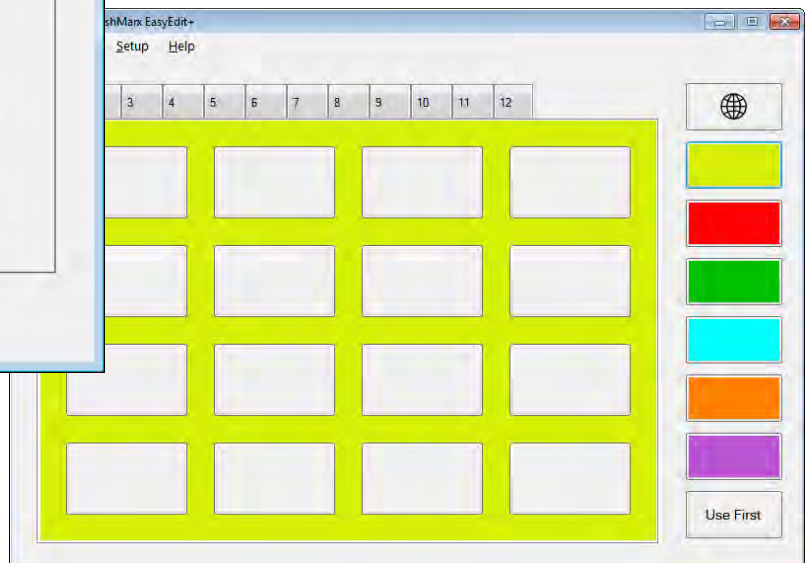
Custom Category Colors

You can create a custom color. Enter the Hex value for the color you want or slide the Red, Green, and Blue adjustment bars.



The 'Custom Color' dialog box contains the following fields and controls:

- Color Hex Value:
- A color preview box showing the selected color.
- Red, Green, and Blue adjustment bars with numerical values (214, 0, and 8 respectively).
- OK and Cancel buttons at the bottom.

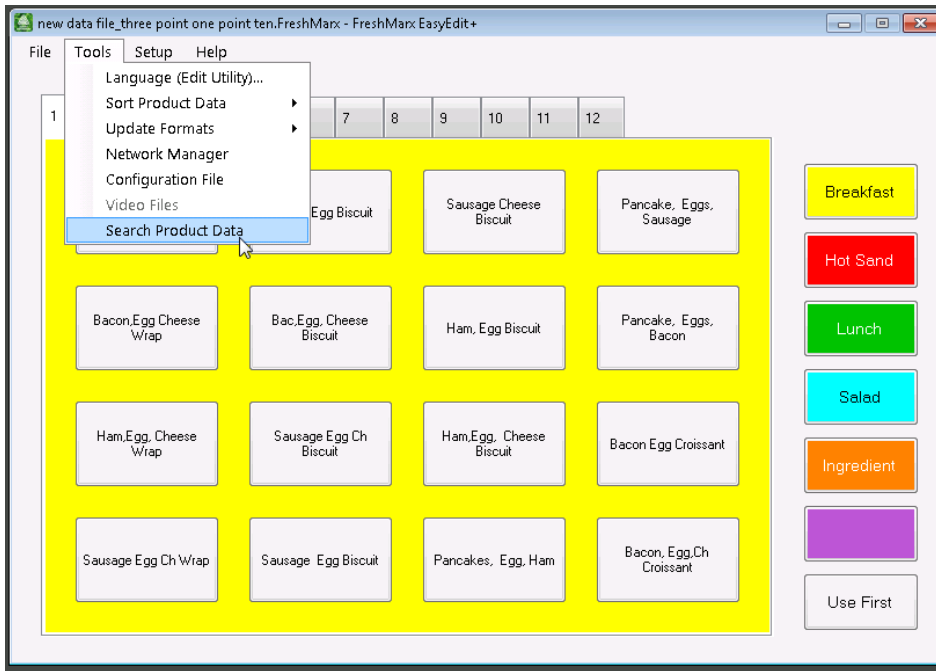


The 'ghMax EasyEdit+' window displays a grid of buttons. The buttons are arranged in a 4x4 grid. The first column of buttons is highlighted in yellow. To the right of the grid is a vertical color palette with buttons for Yellow, Red, Green, Cyan, Orange, and MediumOrchid. Below the palette is a 'Use First' button. The window also has a 'Setup' button and a 'Help' button.

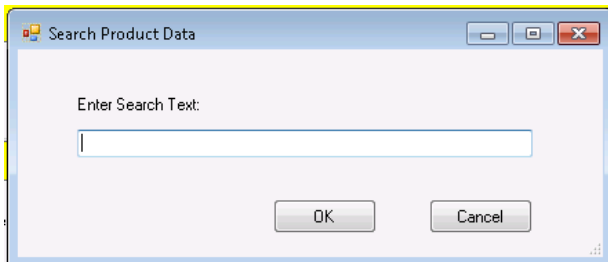
Search Product Buttons

You can search for Product Buttons in your data file.

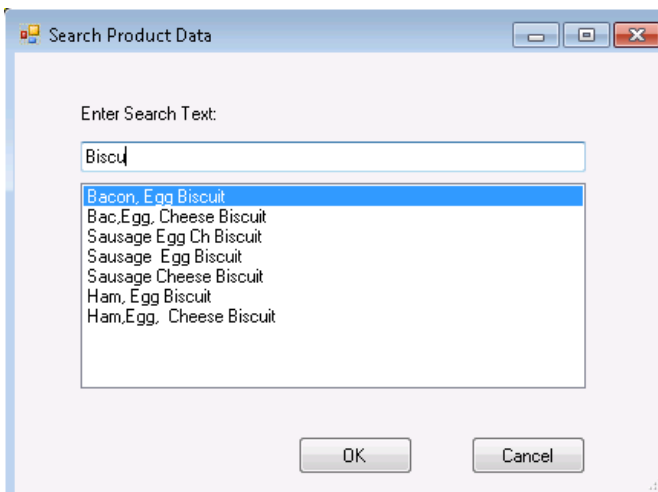
1. Select **Tools**, **Search Product Data**.



2. Enter the text you want to search. Click **OK**.



3. You see a list of results that match your entry. Select the product you want. Click **OK**.



4. You see the product button(s) for that item. Click the button you want to edit, the Button Properties screen opens.

Note: The background color of the button matches the color of the category to which it belongs

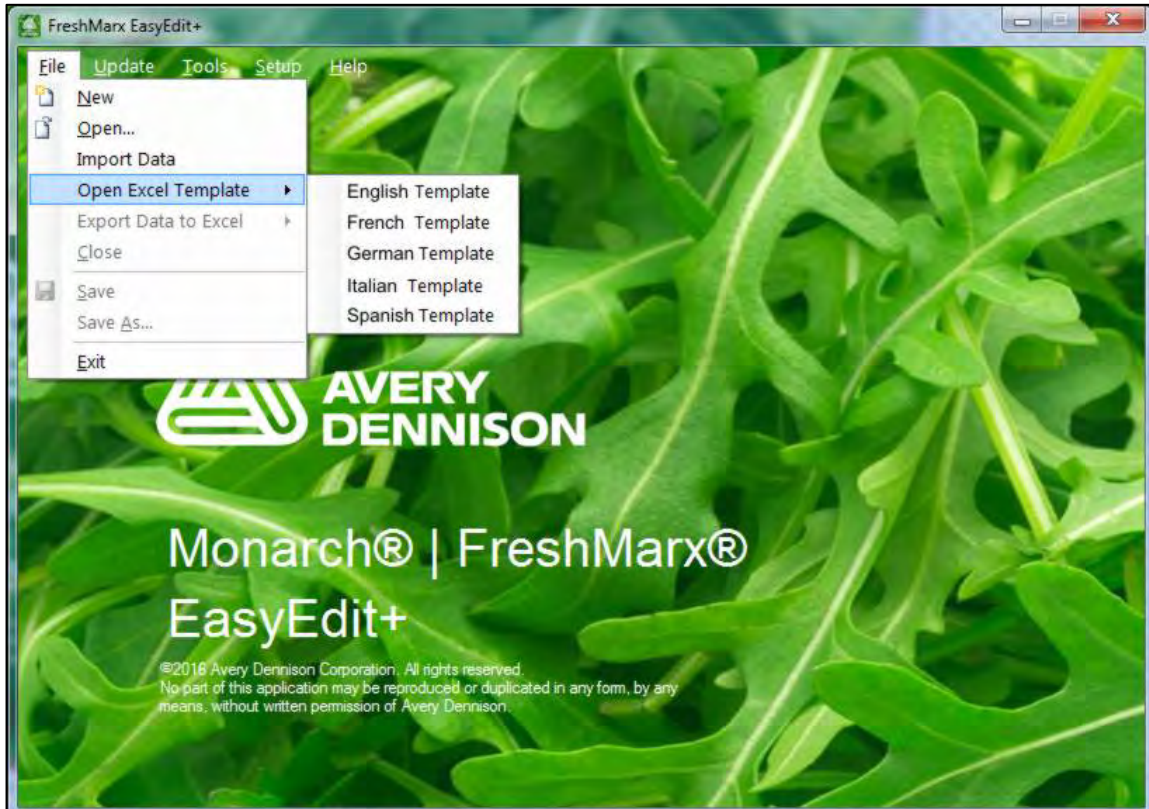
Using the Microsoft® Excel® Template

Your product data may be entered into Microsoft® Excel®, then imported into EasyEdit+. The Excel template is installed within EasyEdit+.

Note: The Excel template version must match the installed version EasyEdit+. If you update your version of EasyEdit+, open your FreshMarx data file then select Export Data To Excel to make product data changes in Excel.

To open the Template:

1. Open the EasyEdit+ utility.
2. Select **File, Open Excel Template►**. Choose your language's template.

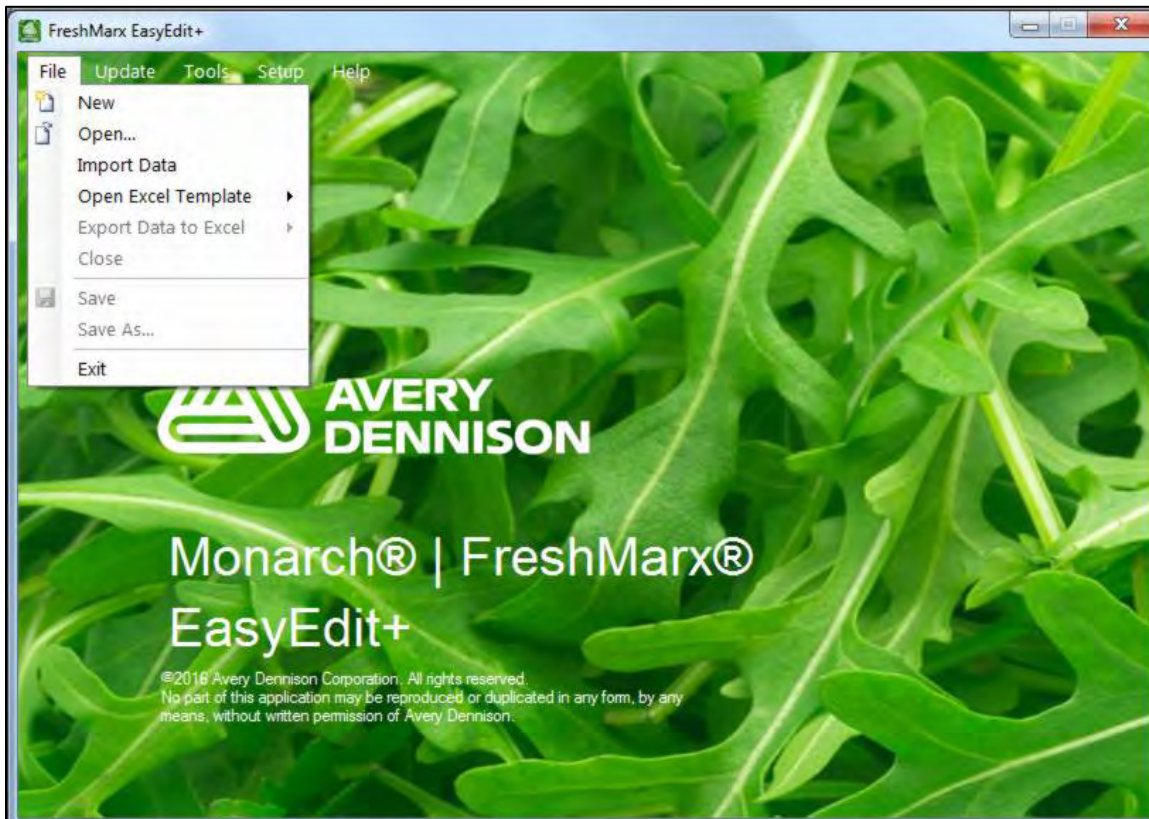


3. Navigate to the location you want to save the file. Click Save.
4. Excel opens the template.
5. Input your data according to the instructions within the template.
6. Save the completed template.

Importing Data from the Template

Once your product data is in the Microsoft® Excel® template, import it into the EasyEdit+ utility.

1. Open the EasyEdit+ utility.
2. Select **File, Import Data**.



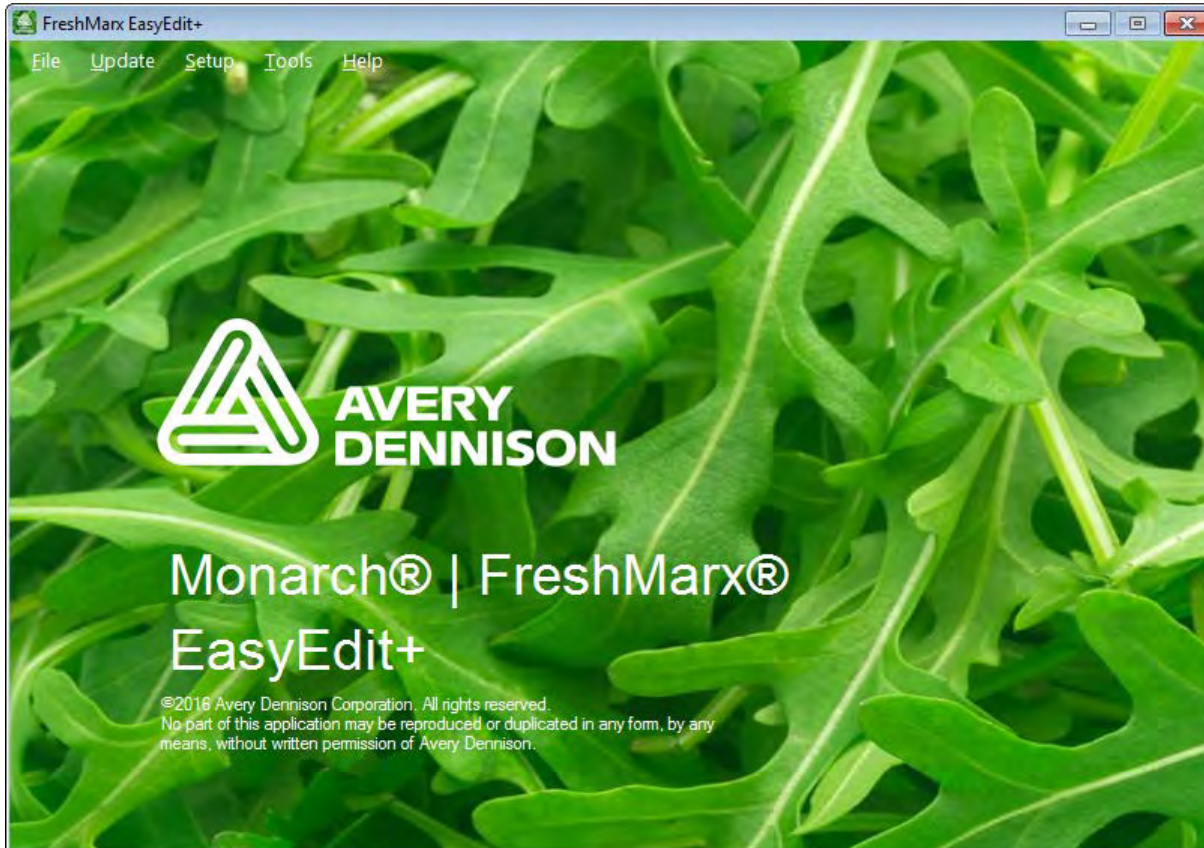
3. Browse to the completed template.
4. Select **Open**. The data is imported into EasyEdit+.

Starting the EasyEdit+ Utility



Once you install the Utility, you see a shortcut on your computer's desktop. Double click the icon to open the Utility.

You see the EasyEdit+ Main Screen.



Opening a Data File

To open a data file,

1. Start the EasyEdit+ Utility. The Main screen appears.
2. Click **File, New**. A blank data file appears. OR
Click **File, Open...** then navigate to the data file.

Note: You can open an existing .DAT in EasyEdit+ to convert it to the new .FRESHMARX format. **Once your data file is in the .FRESHMARX format, it cannot be restored back to .DAT.** .FRESHMARX data files can only be used with Freshmarx Application version 3.0 or higher.

Specifying the Printer's Type

The 9417+ printer is available as a single printer (left printer only) or dual printer (left and right printer). Specify the correct printer type so that features display properly in the EasyEdit+ Utility.

1. Start the EasyEdit+ Utility.
2. Click **Setup**, then **Printer Type**....
3. Select Single Printer or Dual Printer.
4. Click **OK**.



Enabling Alternate Button Names

The printer can display your product and category buttons in an alternate language. You must enter the alternate button names when designing/editing your data file.

1. Start the EasyEdit+ Utility.
2. Start a new data file or open an existing one.
3. Click **Setup**, then **Alternate Button Names**.

To disable Alternate Button Names repeat steps 1-3.

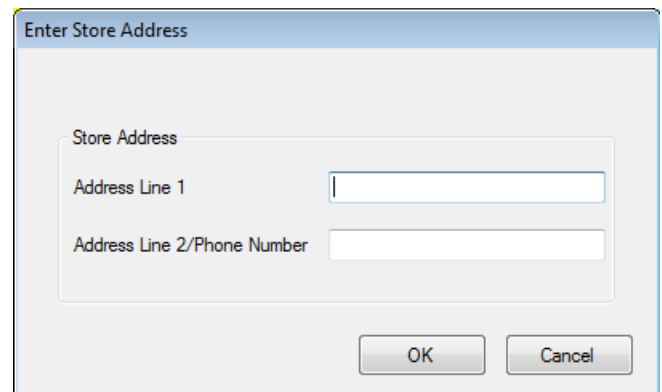
With Alternate Buttons Names enabled, you see the globe icon. After you enter alternate button names, you can press the globe button to toggle between languages.



Entering a Store Address

Enter a store address that prints on some of the standard label formats.

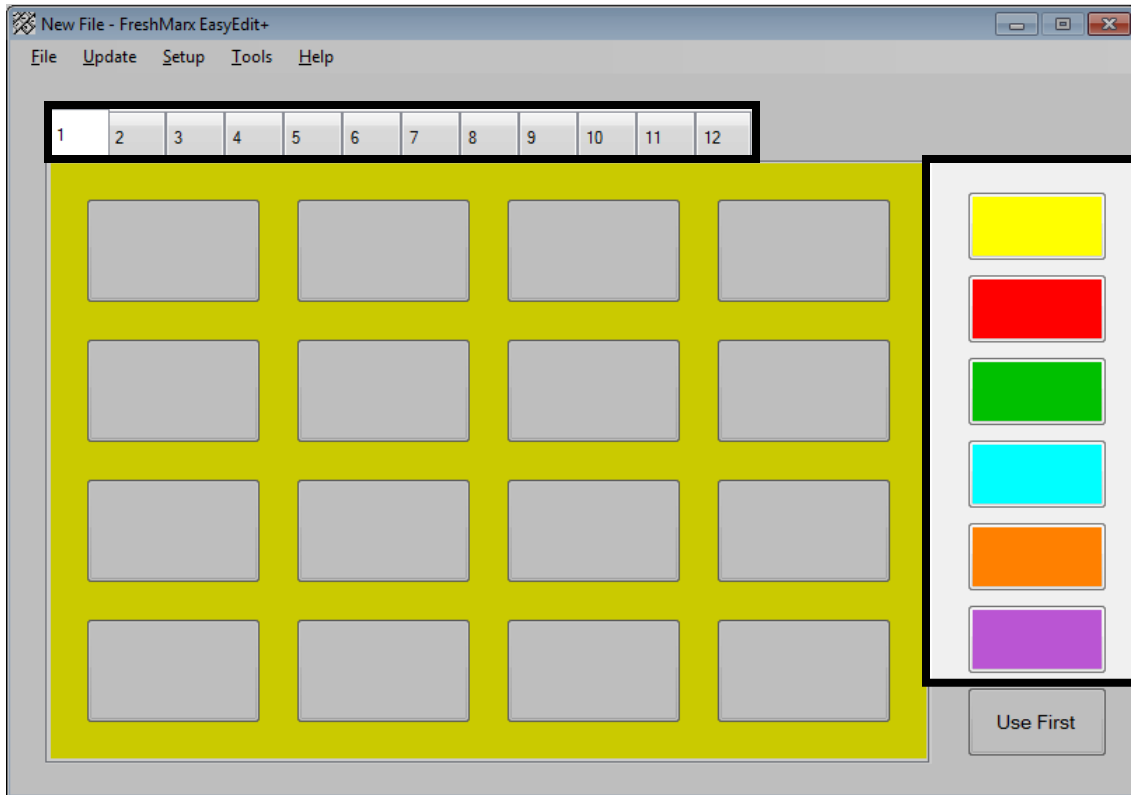
1. Start the EasyEdit+ Utility.
2. Start a new data file or open an existing one.
3. Click **Setup**, then **Enter Store Address**.
4. Enter the store address you want to print on the labels.
5. Click **OK**.



Creating Category Buttons

You can name the category buttons, assign a format per category, designate a printer, and name the tabs.

There are six categories, each category is color-coded. Each category can have up to 12 tabs of 16 product buttons for a total of 1,152 items.



See Appendix A, “Label Formats” for the size and content of each format.

Note: If you want the operator to select which printer (Left or Right) to use when a product button is pressed, assign all categories to the same format and the same printer (left or right).

1. Click the category button you want to edit. The fields shown on the screen below are based on format selection; this screen differs when other formats are selected.

Category Properties

Button Name:

Alternate Name:

Label Format:

Printer:

Use By Description:

Prep Description:

Background Color:

Tab Names

1	2	3
4	5	6
7	8	9
10	11	12

Alternate Tabs

1	2	3
4	5	6
7	8	9
10	11	12

OK Cancel

*Optional Fields

*The Alternate Name and Alternate Tabs fields are shown if you enable Alternate Button Names (see “Enabling Alternate Button Names” for more information). Enter the button’s alternate name as you want it to appear when the operator presses the Language Toggle Button.

2. Enter the Button Name.
 3. Select the Label Format for all products in this category. See “[About Assigning Formats](#)”.
- Note:** If you select a format larger than the loaded labels, some information may not print.
4. Select a printer to print the product labels for this category. This option varies depending on how your data file is set up. This option does not appear if you specified a **single** 9417+ printer. See “Selecting a Printer” and “Specifying the Printer’s Type” in Chapter 2 for more information.
 5. Select the background color.
 6. Enter the remaining fields as needed.
- Note:** To modify the Use By Description and/or Prep Description, remove the default text and enter your own.
7. Enter the Tab Names if you want to change them from numerical order.
 8. Click **OK** when finished.

Creating Product Buttons

The product button background is color-coded to match the category button.

The screenshot shows the 'New File - FreshMarx EasyEdit+' window. It features a menu bar (File, Update, Setup, Tools, Help) and a toolbar with numbered tabs (1-12). A large yellow rectangular area contains a grid of 12 empty product buttons arranged in 3 rows and 4 columns. To the right of this grid are two smaller colored squares, one yellow and one red. Below the grid are three buttons: 'Clear Fields', 'Preview', and 'OK'. Overlaid on the right side of the window is the 'Button Properties' dialog box. This dialog has several sections: 'Button Name' and 'Alternate Name' with text input fields; 'Label Data' with bold (B), italic (I), and underline (U) formatting buttons, and three text input fields for 'Description 1', 'Description 2', and 'Description 3'; 'Use By' with a 'Use By Description' field containing 'MUST USE BY', and 'Use By Duration' fields for 'Days', 'Hours', and 'Minutes' (all set to 0), plus a checkbox for 'Use "End of Day" expiration mode'; 'Prep' with a checked 'Prep Description' checkbox and a field containing 'PREP', and a 'Prep Information' section with radio buttons for 'Date & Time' (selected) and 'Date'; and 'Button Mode' with a 'Button Mode' dropdown set to 'Label' and 'Button Location' radio buttons for 'Unlocked' (selected) and 'Locked'. At the bottom of the dialog are 'Clear Fields', 'Preview', 'OK', and 'Cancel' buttons.

1. Click an empty product button. The button properties screen differs based on format selection; this screen changes when other formats are selected. A format is selected within the Category Properties. See ["Label Formats"](#) in Appendix A for information about individual fields. Right click a button to Delete, Cut, or Copy; see ["Deleting, Cutting, Copying, and Inserting Product Buttons"](#).
2. Enter the Button Name.
3. Select a Button Mode. See ["About Button Modes"](#) for more information.
4. Enter the Label Data (for example: Description 1, Description 2, and Description 3). The Label Data information prints on the label when the product button is pressed. If nothing is entered for Description 1, the text entered for the Button Name is used.
5. Set the product's duration (expiration time). See ["About Freshness Labeling"](#) for more information.

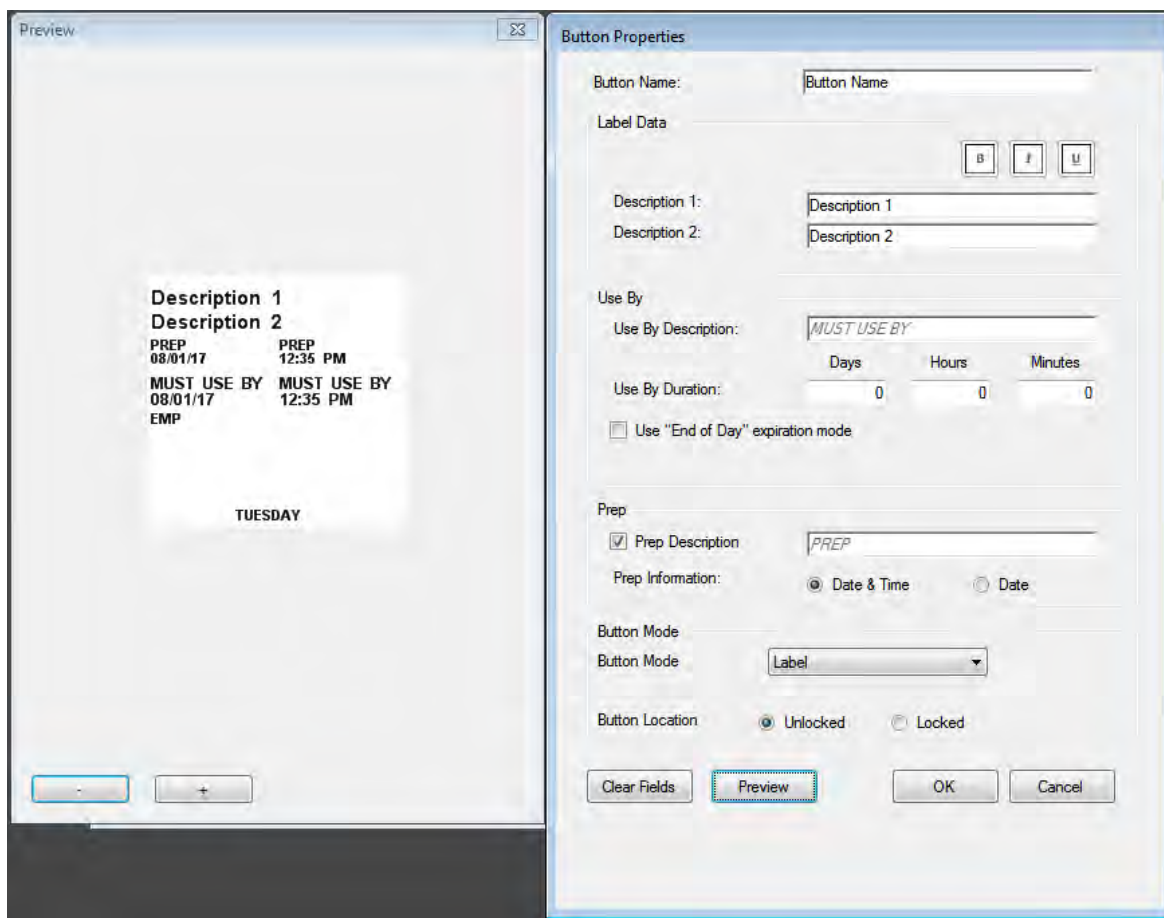
6. Select Prep Description to print preparation information on the label. If selected, edit the Prep Description as necessary. The default is "Prep."
7. Select to print the preparation date & time or just the date.
8. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location. See "[About Button Location](#)" for more information.
9. Enter any other information as necessary.
10. Click **OK** when finished.
11. Click the Category Buttons on the right to create product buttons within the different categories.
12. Click **OK** when finished.
13. Click **File**, then **Save** to save changes.

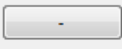

Note: EasyEdit+ determines the maximum number of characters that will fit and will not let you enter more.

Label Preview

You can preview a label before printing.

1. Open the Button Properties screen.
2. Enter the necessary information.



3. Click Preview. You see a preview of the label as it will print.
4. Click the   buttons to zoom in and out.

Timer Button Mode

To create a timer product button:

1. Select Timer as the Button Mode.
2. Enter the Button Name.
3. Enter the number of hours, minutes, and seconds for the timer.
4. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location.
5. Click **OK**.

The screenshot shows the 'Button Properties' dialog box. It has a title bar 'Button Properties'. Inside, there is a text field for 'Button Name'. Below it is a section for 'Timer Duration' with three input fields for 'Hours', 'Minutes', and 'Seconds', each containing the number '0'. Further down is a 'Button Mode' section with a dropdown menu set to 'Timer'. Below that is a 'Button Location' section with two radio buttons: 'Unlocked' (selected) and 'Locked'. At the bottom are three buttons: 'Clear Fields', 'OK', and 'Cancel'.

Video Button Mode

To create a video product button:

1. Select Video as the Button Mode.
2. Enter the Button Name.
3. Click Link then navigate to the video file you want to play when the product button is pressed.
4. Select if you want to lock the Button Location. When the product data is sorted, the button will is not affected and remains in its current location.
5. Click **OK**.

The screenshot shows the 'Button Properties' dialog box. It has a title bar 'Button Properties'. Inside, there is a text field for 'Button Name'. Below it is a 'Button Mode' section with a dropdown menu set to 'Video' and a 'Link' button. Below that is a 'Button Location' section with two radio buttons: 'Unlocked' (selected) and 'Locked'. At the bottom are three buttons: 'Clear Fields', 'OK', and 'Cancel'.

Document Button Mode

To create a document product button:

1. Select Document as the Button Mode.
2. Enter the Button Name.
3. Click Link then navigate to the document file you want to view when the product button is pressed.
4. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location. See "[About Button Location](#)" for more information.
5. Click **OK**.

The screenshot shows the 'Button Properties' dialog box. It has a title bar 'Button Properties'. Inside, there is a text field for 'Button Name'. Below it is a 'Button Mode' section with a dropdown menu set to 'Document' and a 'Link' button. Below that is a 'Button Location' section with two radio buttons: 'Unlocked' (selected) and 'Locked'. At the bottom are three buttons: 'Clear Fields', 'OK', and 'Cancel'.

Label & Video Button Mode

To create a label & video product button:

1. Select Label & Video as the Button Mode.
2. Enter the Button Name.
3. Enter the remaining fields as needed.
4. Click Link then navigate to the video file you want to play when the product button is pressed.
5. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location. See "[About Button Location](#)" for more information.
6. Click **OK**.

Label & Document Button Mode

To create a label & document product button:

1. Select Label & Document as the Button Mode.
2. Enter the Button Name.
3. Enter the remaining fields as needed.
4. Click Link then navigate to the document file you want to view when the product button is pressed.
5. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location. See "[About Button Location](#)" for more information.
6. Click **OK**.

Label & Timer Button Mode

To create a label & timer product button:

1. Select Label & Timer as the Button Mode.
2. Enter the Button Name.
3. Enter the remaining fields as needed.
4. Enter the timer duration (hours, minutes, seconds).
5. Select if you want to lock the Button Location. When the product data is sorted, the button is not affected and remains in its current location. See "[About Button Location](#)" for more information.
6. Click **OK**.

The screenshot shows the "Button Properties" dialog box with the "Label & Video Button" mode selected. The "Button Name" field contains "Label & Video Button". The "Label Data" section has three description fields. The "Use By" section shows "Use By Description" set to "MUST USE BY" and "Use By Duration" set to 0 days, 0 hours, and 0 minutes. The "Prep" section has "Prep Description" set to "PREP" and "Prep Information" set to "Date". The "Button Mode" dropdown is set to "Label & Video", and the "Button Location" is set to "Unlocked". The "Link" button is highlighted with a mouse cursor. At the bottom are "Clear Fields", "Preview", "OK", and "Cancel" buttons.

Button Properties

Button Name:

Label Data

Description 1:

Description 2:

Description 3:

Use By

Use By Description:

Days: Hours: Minutes:

Use By Duration:

☒ Use "End of Day" expiration mode

☐ Print "End of Day" on label

Prep

☐ Prep Description:

Prep Information: ☐ Date & Time ☒ Date

Button Mode

Button Mode:

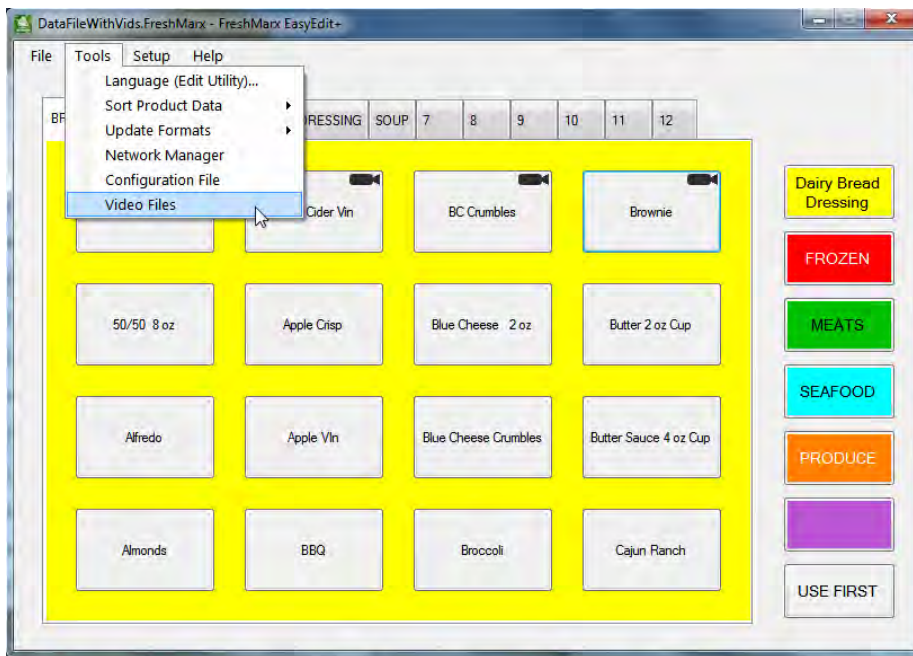
Button Location: ☒ Unlocked ☐ Locked

Selecting Videos

If you have numerous videos, you can select the ones to include with your .freshmarx data file. For example, you may want to only include new videos, those not already installed on the printer. If your .freshmarx file doesn't contain videos, the Video Files menu option is disabled.

To select videos to include with your .freshmarx file:

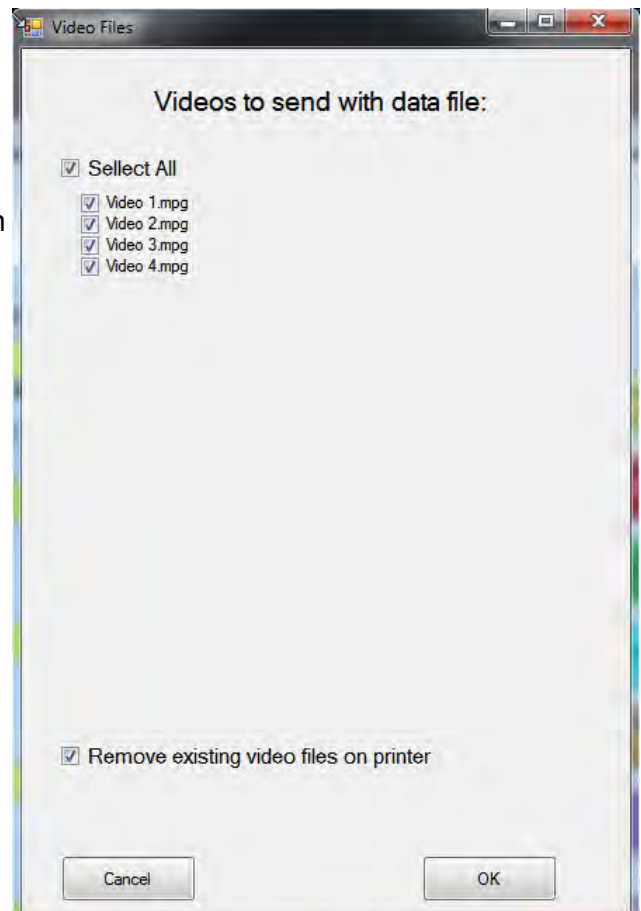
1. Select **Tools, Video Files**.



2. Select the videos you want to include.

- All videos are checked by default.
- Check the "Select All" box to check/uncheck all videos.
- Check the "Remove existing video files on printer" box to remove all existing videos when the data file is installed on the printer. If this box is unchecked, existing videos remain.

3. Click **OK**.



Saving the Data File

To save your data file,

1. Click **File**, **Save** or **Save As....**
2. Navigate to the drive where you want to save your file.
 - ◆ Save the file to a USB Flash drive to transfer it to a 9417+ printer via USB (refer to the *9417+ System Administrator's Guide* found on our Web site for more information).
 - ◆ Save the file to your computer to transfer it to a 9417+ printer via a network connection (see Chapter 5, "[9417+ Network Manager](#)" for more information).
3. Click **Save**. Your data file is saved as a .FRESHMARX file.

Note: Use .FRESHMARX data files only with FreshMarx Application version 3.0 or higher.

SORTING THE DATA FILE

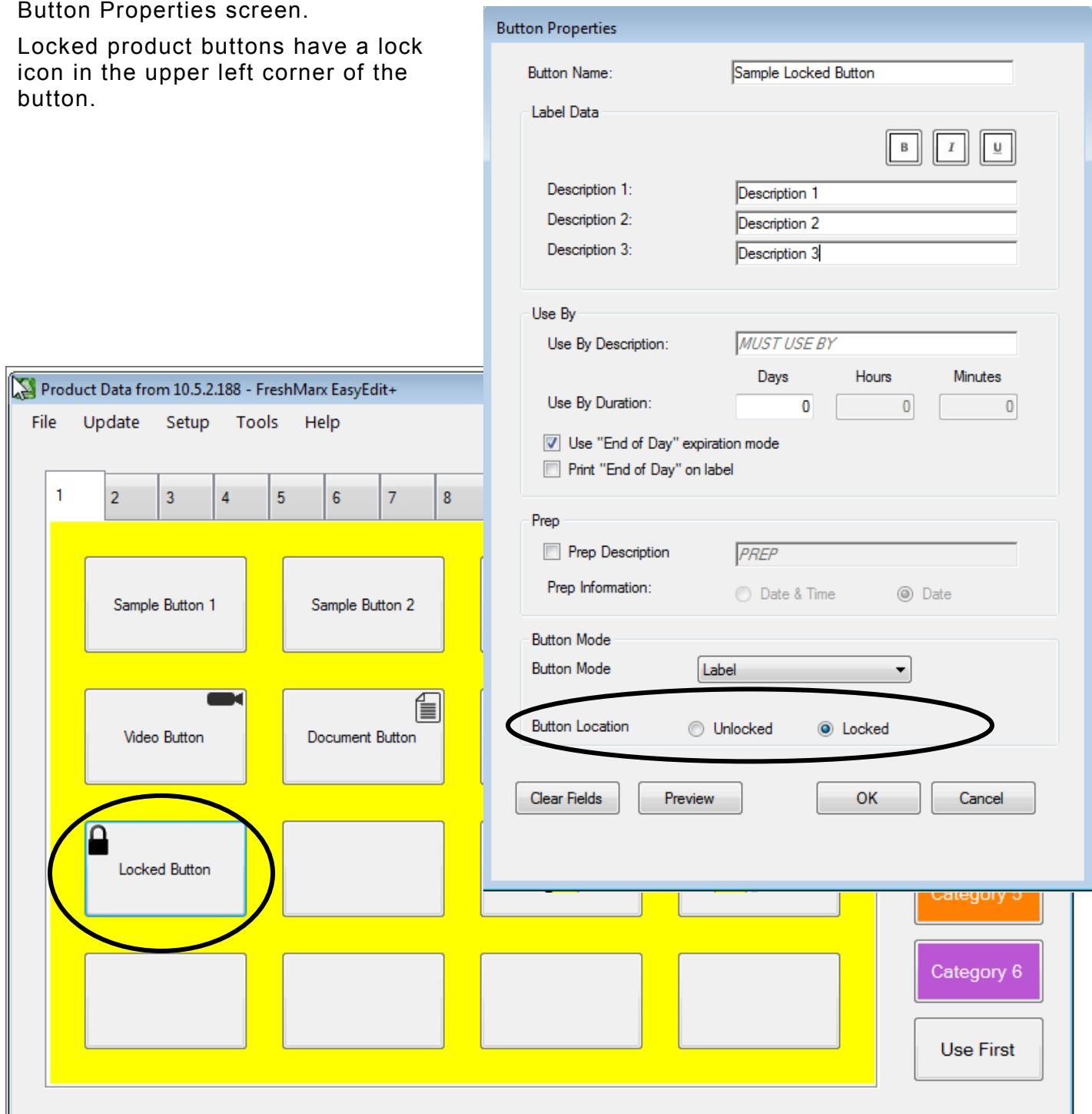
There are three sort modes available to organize your product data file. You can sort the buttons on each tab, or sort the buttons for an entire category, or sort all buttons.

Important Once you complete a sort, **it cannot be undone**.

Locking Button Location

Product button locations can be locked. When product data is sorted, locked buttons remain in their current location. To lock or unlock a button location, change the setting on the Button Properties screen.

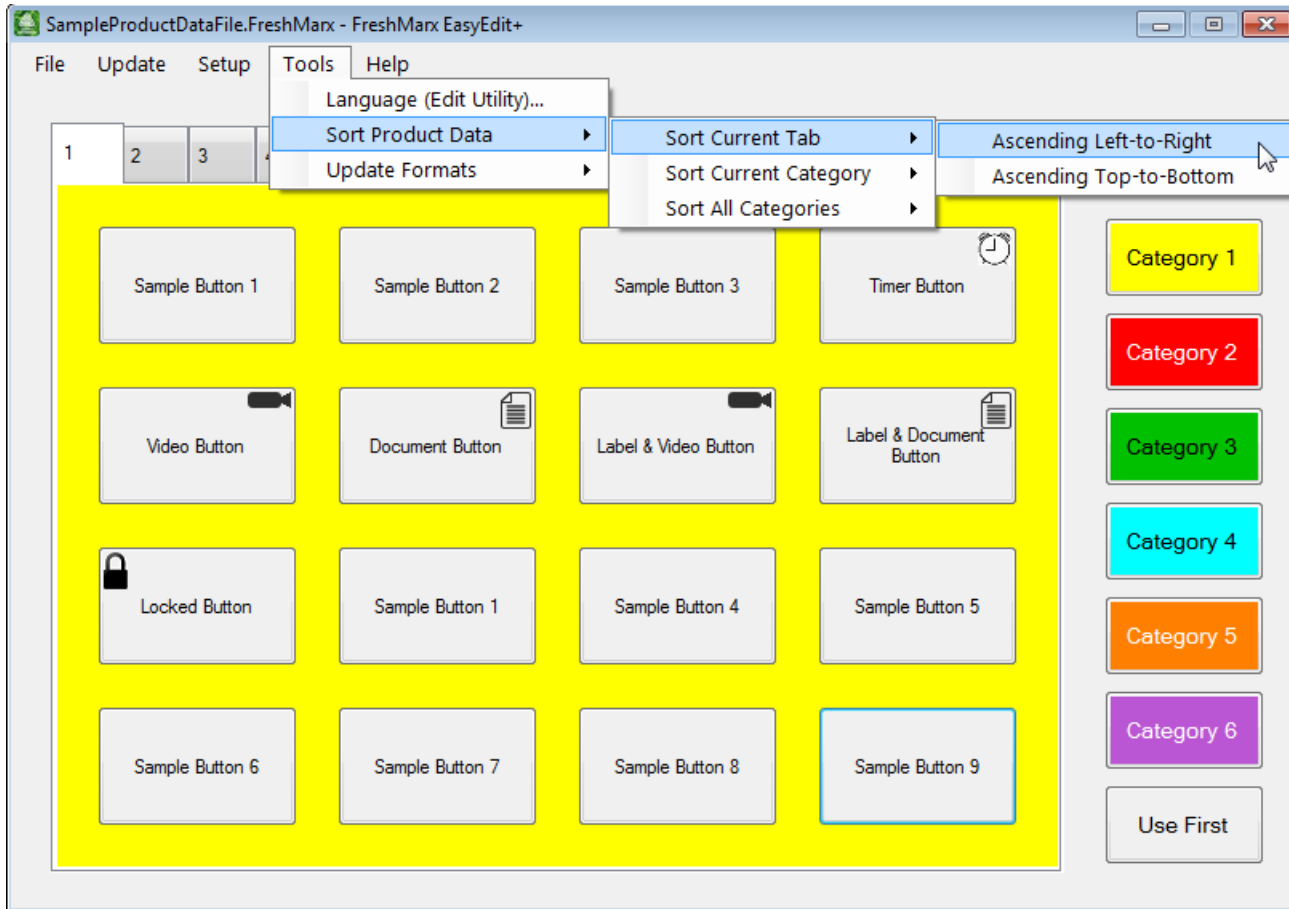
Locked product buttons have a lock icon in the upper left corner of the button.



Sorting Current Tab

To sort the buttons on a single tab:

1. Open the tab you want to sort.
2. Select **Tools, Sort Product Data, Sort Current Tab**.



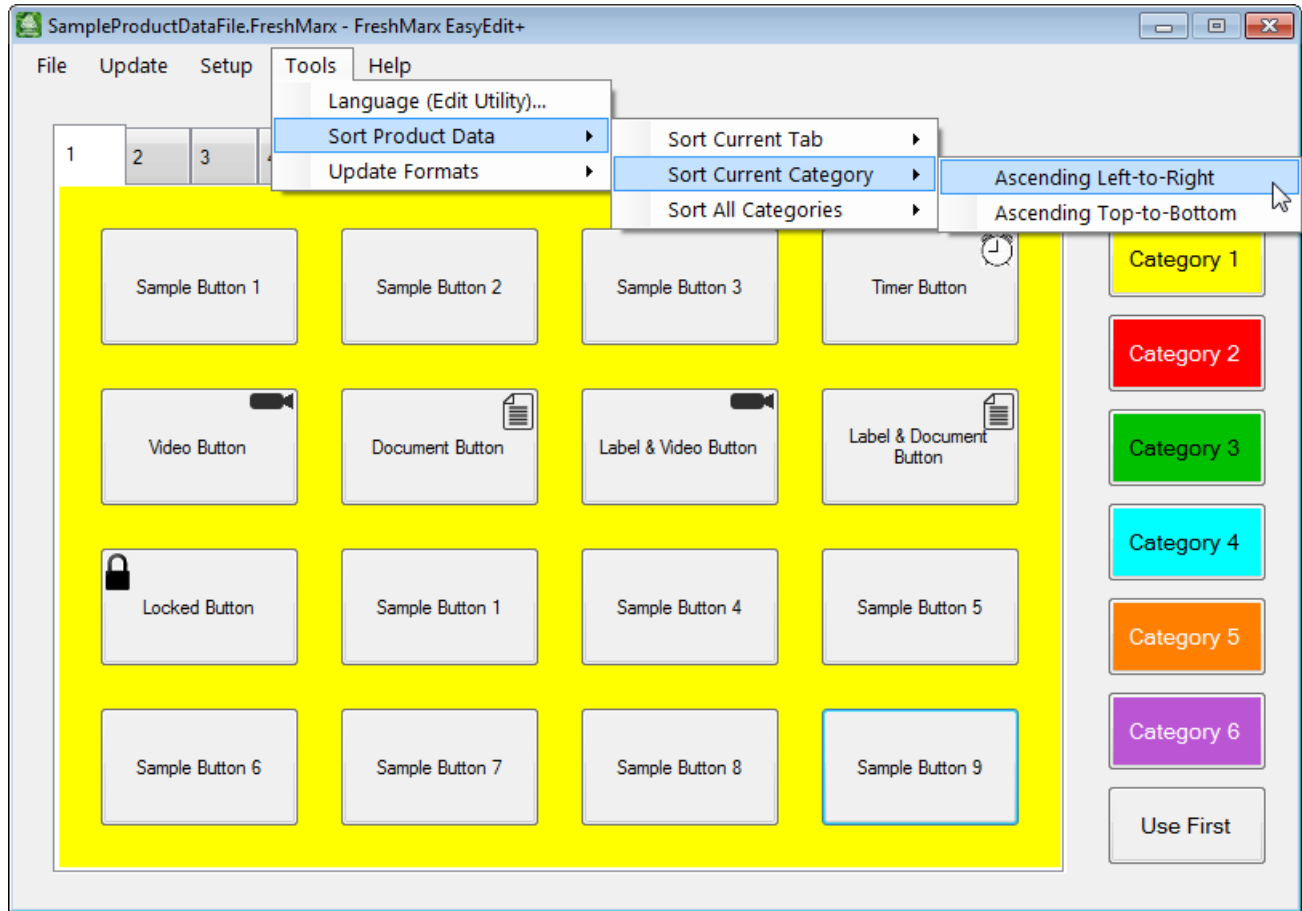
3. Select **Ascending Left-to-Right** if you want your buttons sorted alphabetically starting with the top left button and going across each row.
Select **Ascending Top-to-Bottom** if you want the buttons sorted alphabetically starting with the top left button and going down each row.

Note: Locked buttons will not change location when product data is sorted.

Sorting Current Category

To sort all of the buttons within a category:

1. Open the category you want to sort.
2. Select **Tools, Sort Product Data, Sort Current Category**.



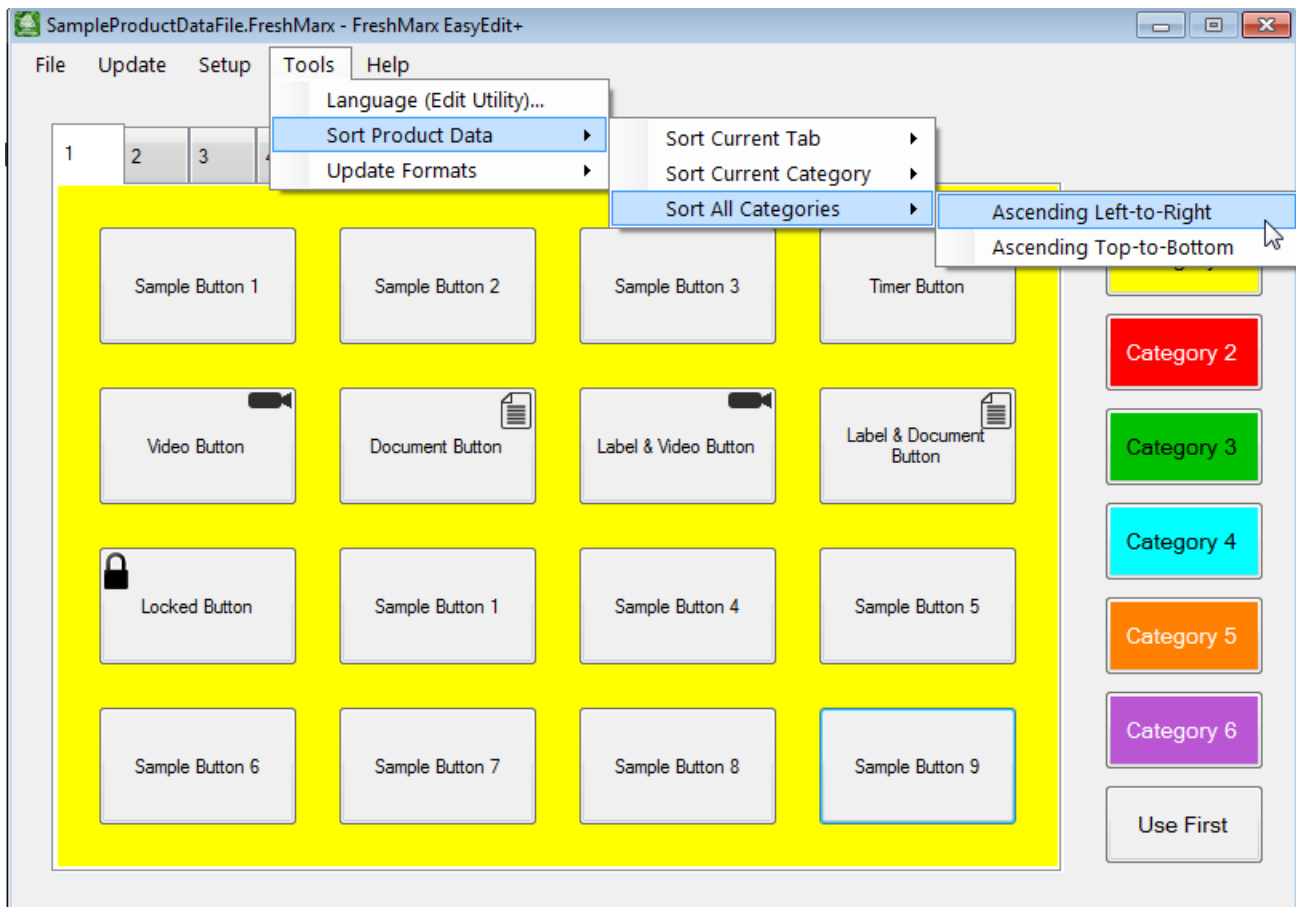
3. Select **Ascending Left-to-Right** if you want your buttons sorted alphabetically starting with the top left button and going across each row (and continuing for additional tabs). Select **Ascending Top-to-Bottom** if you want the buttons sorted alphabetically starting with the top left button and going down each row (and continuing for additional tabs).

Note: Locked buttons will not change location when product data is sorted.

Sorting All Categories

To sort all of the buttons in your product data file independent of Category or Tab:

1. Select **Tools, Sort Product Data, Sort All Categories**.



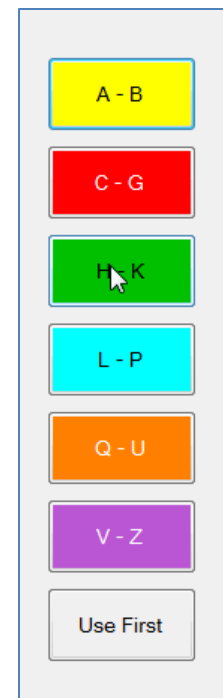
2. Select **Ascending Left-to-Right** if you want your buttons sorted alphabetically starting with the top left button and going across each row (and continuing for additional tabs and categories).
Select **Ascending Top-to-Bottom** if you want the buttons sorted alphabetically starting with the top left button and going down each row (and continuing for additional tabs and categories.).

Note: Locked buttons will not change location when product data is sorted.

Alphabetizing Your Data

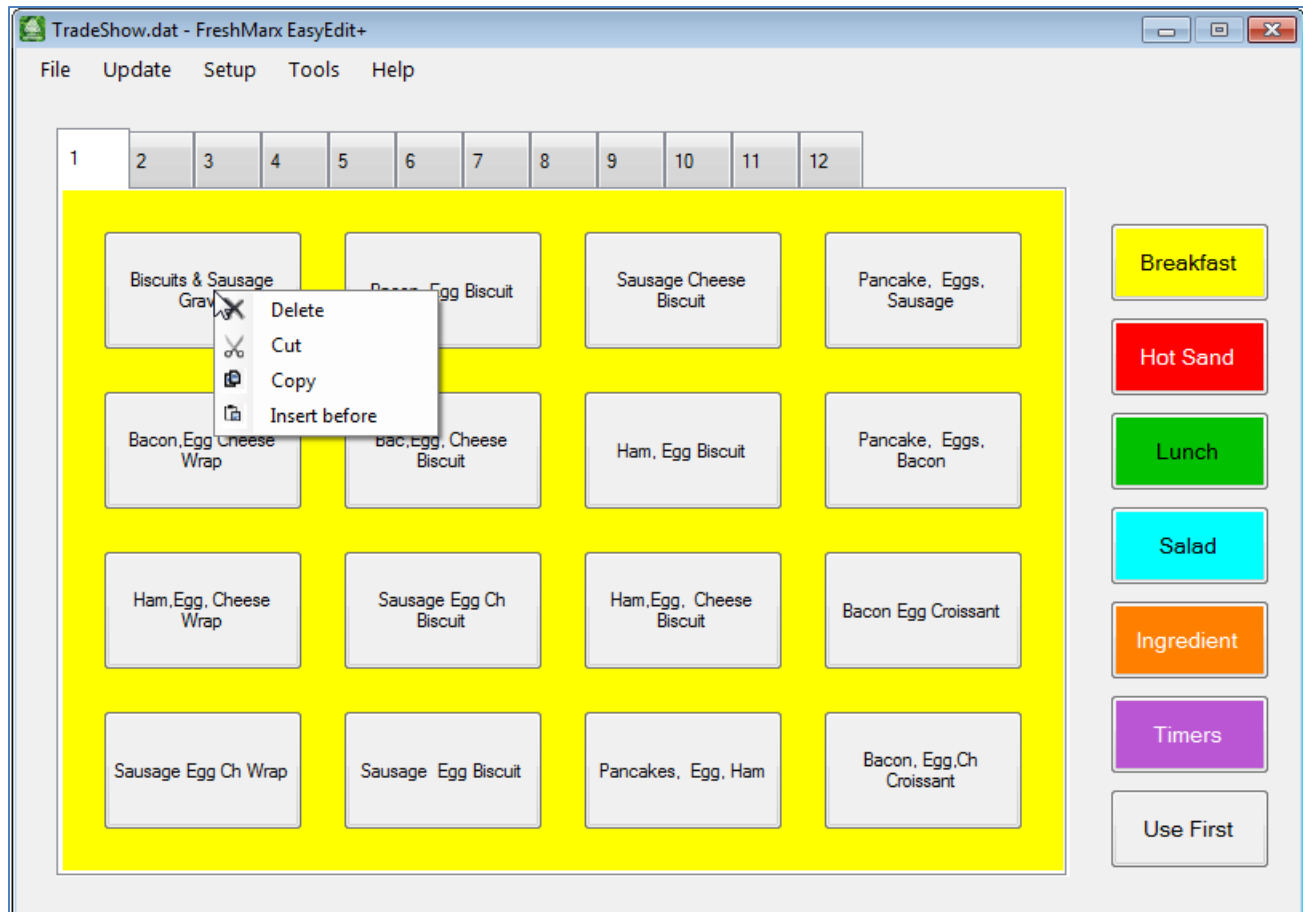
If your Product Data File contains a large number of items or is getting difficult to navigate, consider sorting all categories. For example, group all items starting with A - B, C - G, H - K, L - P, Q - U, and V - Z as shown below.

Grouping the items within your Product Data File allows them to be located quicker and is easier for your employees. Employees do not need to memorize each product's category.

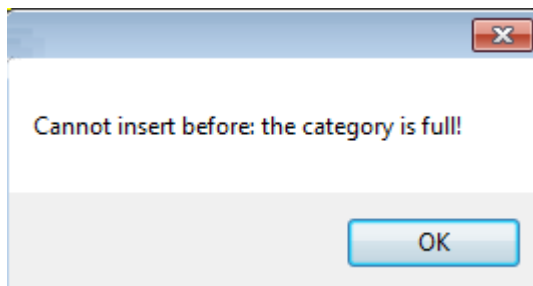


Deleting, Cutting, Copying, & Inserting Product Buttons

You can delete, cut, copy, and insert product buttons. Right click on the chosen product button to open the menu. If the chosen product button location is locked (see “[Locking Button Location](#)” for more information), the right click menu is disabled.



- ◆ Delete removes the product button from your data file.
Note: Once a button is deleted, it cannot be undone.
- ◆ Cut removes the product button from the current location and stores it on the clipboard.
- ◆ Copy makes a copy of the button and stores it on the clipboard.
- ◆ Insert before places a cut or copied button before the selected button. Once a button is inserted, all unlocked buttons will adjust their location.
Note: If a category is full, a copied product button cannot be inserted.



EasyEdit+ and the 9417+ Printer use SFTP (Secure File Transfer Protocol) to send and receive files. Each printer can communicate with a remote SFTP server and hosts its own SFTP server to allow a remote client to push files to it. Files will not be shared from printer to printer on the same network.

To open the Network Manager, Select **Tools, Network Manager**. The default password is "avery1239417".

The Network Manager has four tabs; Update, Printers, Groups and Password.

Working With an SFTP Server

To pull updates from a server, the server needs to have a *config.xml* file stored in its root folder.

3. Use a text editor to start a new file.
4. Copy and paste the following text into the file.

```
<?xml version='1.0'?>
<Upload>
  <Data Path='newData.FreshMarx' Date='06/30/2017' Silence='N'>
  </Data>
  <Application Path='132027 FreshMarx Mfg Build 32.cab' Version='3.2.11.0' Silence='N'>
  </Application>
</Upload>
```

5. Modify the following areas of the pasted text:

In the data block:

- Path = the name of the data file (*.freshmarx).
- Date = the timestamp when the file was created/posted. Freshmarx will remember this date after pulling the file.
 - For example, when a new data file is posted on the SFTP server, update the date field so FreshMarx will see it as a new file.
 - The date field format (mm/dd/yyyy or dd/mm/yyyy) needs to match that set on the printer (Tools, Settings, System Settings, Format Time/Date).
- Silence = if you want the data file to install without user interaction. Enter "N" for no, "Y" for yes.

In the application block:

- Path = the name of the cab file
- Version = the version of the Freshmarx cab file. **Important: All 4 places in the version string are required (ex: 3.2.11.0).** Freshmarx compares the version string and performs the update if necessary.
- Silence = if you want the file to install without user interaction. Enter "N" for no, "Y" for yes.

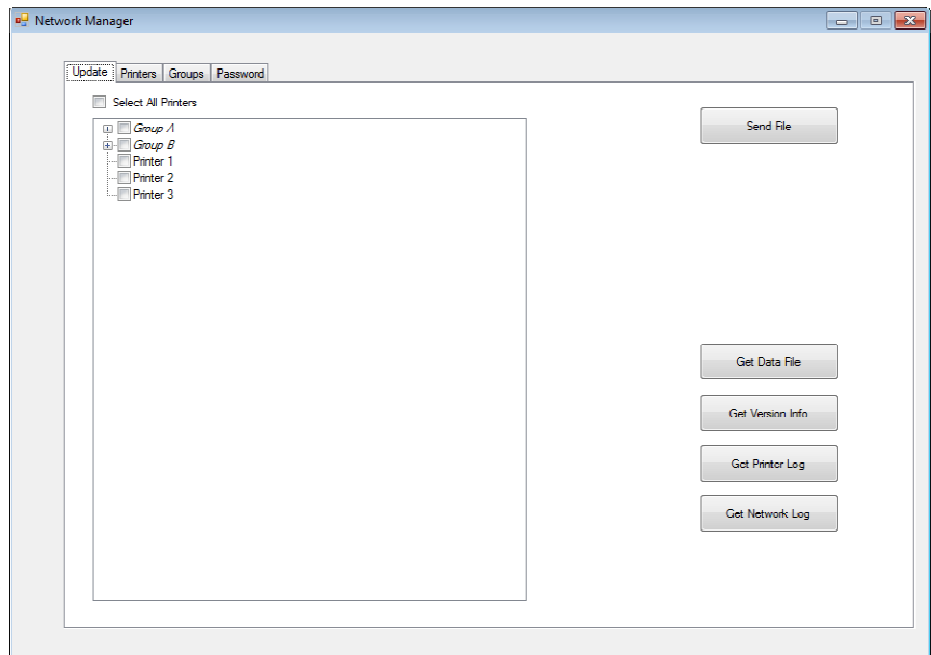
6. Save the file as "Config.xml" into the root directory on your server.

Note: The data block and application block are both optional. Only one of each should be defined; you cannot specify more than one data file or application file.

Updating Printers & Files

Use the Update Tab to select printers to send and receive files via SFTP.

- ◆ Hover over a group to see the group description; hover over a printer to see the IP address.
- ◆ Click the + button to expand the group to show all printers within the group.
- ◆ Click the box beside a group to select all printers within that group. Click the box beside an individual printer to select that printer.
- ◆ Click the box beside Select All Printers to select all printers and groups.
- ◆ If you select a group then deselect a printer within that group, the group checkbox is deselected.



Updating the 9417+ Printer

1. Select the printer(s) to update.
2. Click the **Send File...** button.
3. Select the file to send then click **Open**.
Files can include .enc (encrypted configuration file, See "[Printer Configuration File](#)" for more information), .freshmarx (data file), .cab (application) and .sdc (Summit config file (wireless network)).
4. You see a progress bar while the file transfers to the printer(s).

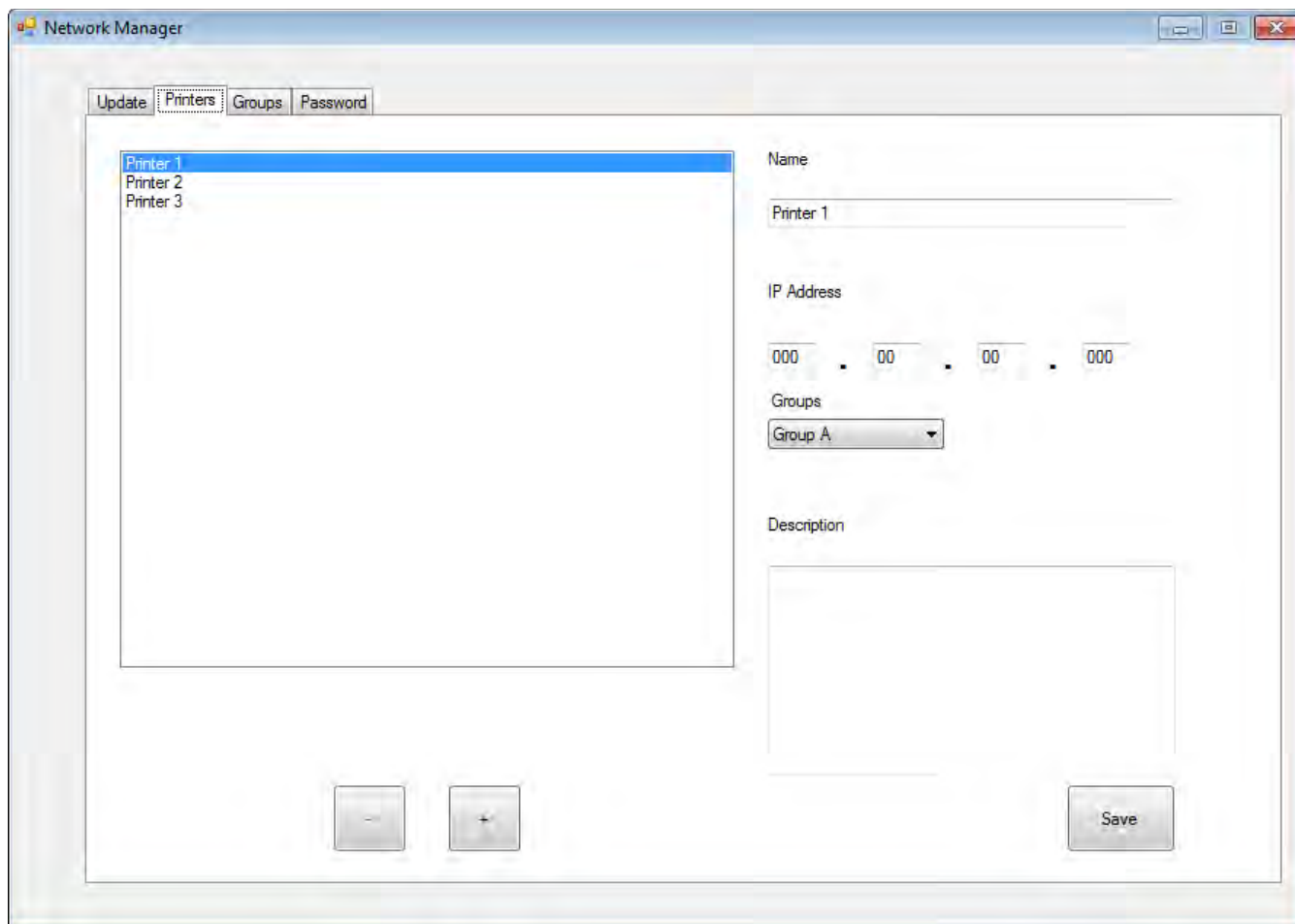
Note: EasyEdit+ automatically displays a report after sending any files to the printer. The report lists which printers received the file and any printers that failed to receive the file. This report is saved as a text file; the file name is "SendFileLog_DATE-TIME".

Getting Files from the 9417+ Printer

1. Select the printer to get a file.
2. Click the **Get Data File**, **Get Version Info**, **Get Printer Log**, or **Get Network Log** button.
 - ◆ The data file is saved as "PrinterName_Data.freshmarx".
 - ◆ The version file is saved as "PrinterName_Version.info".
 - ◆ The printer log is saved as "PrinterName_PrinterLog.log". This file contains information about printer activity such as labels printed.
 - ◆ The network log file is saved as "PrinterName_FreshMarx.log". The Network log file contains data about network actions, such as information being sent to and from the printer.
3. Navigate to the location you want to save the file then click **OK**.
4. You see a progress bar while the file transfers from the printer(s).

Managing Printers

Use the Printers Tab to add and remove printers. You can also change a printer's IP address.



Adding a Printer

1. Click the + button to add a printer.
2. Enter a printer name and IP Address.
3. If you have created groups, you can add a printer to a group using the drop down menu. Printers are not required to be in a group.
4. Enter a Description (optional).
5. Click **Apply**. You see the new printer listed in the box.

Removing a Printer

1. Select the printer to remove.
2. Click the – button
3. Select **Yes** when prompted. The printer is removed from the list.

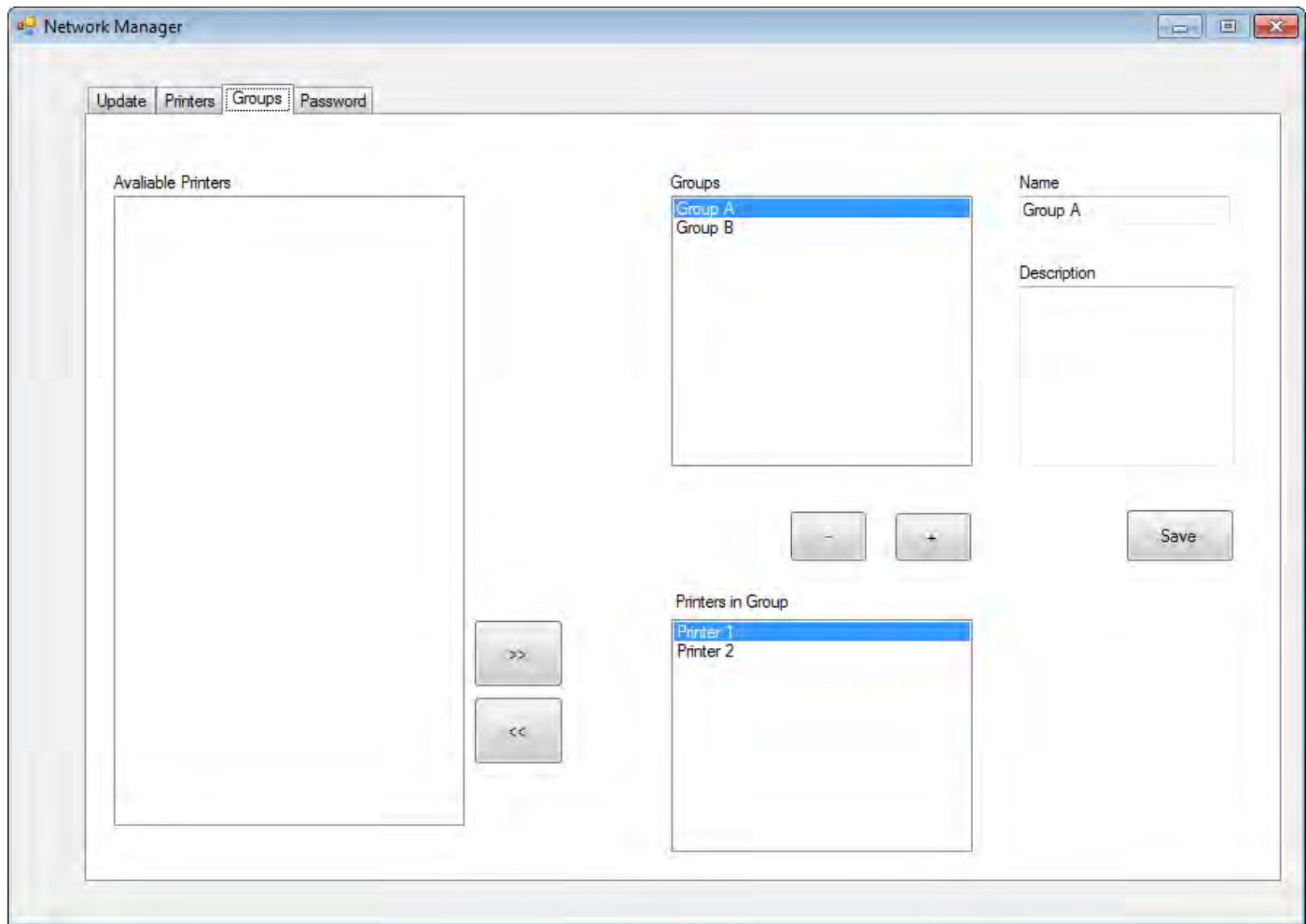
Changing a Printer IP

1. Select the printer to modify.
2. Enter the new IP Address.
3. Click **Apply**.

Note: The Apply button is disabled until information in the Name, IP Address, and/or Description fields is entered or modified.

Managing Printer Groups

Use the groups tab to organize your printers into groups.



Creating a Group

1. Click the + button to add a group.
2. Enter a Group Name and Description (optional).
3. Click **Apply**.

Editing a Group

To add a printer to a group,

1. Select the group
2. Select the printer you want to add or remove.
3. Click the >> button to add the printer to the group. Click the << button to remove the printer from the group.

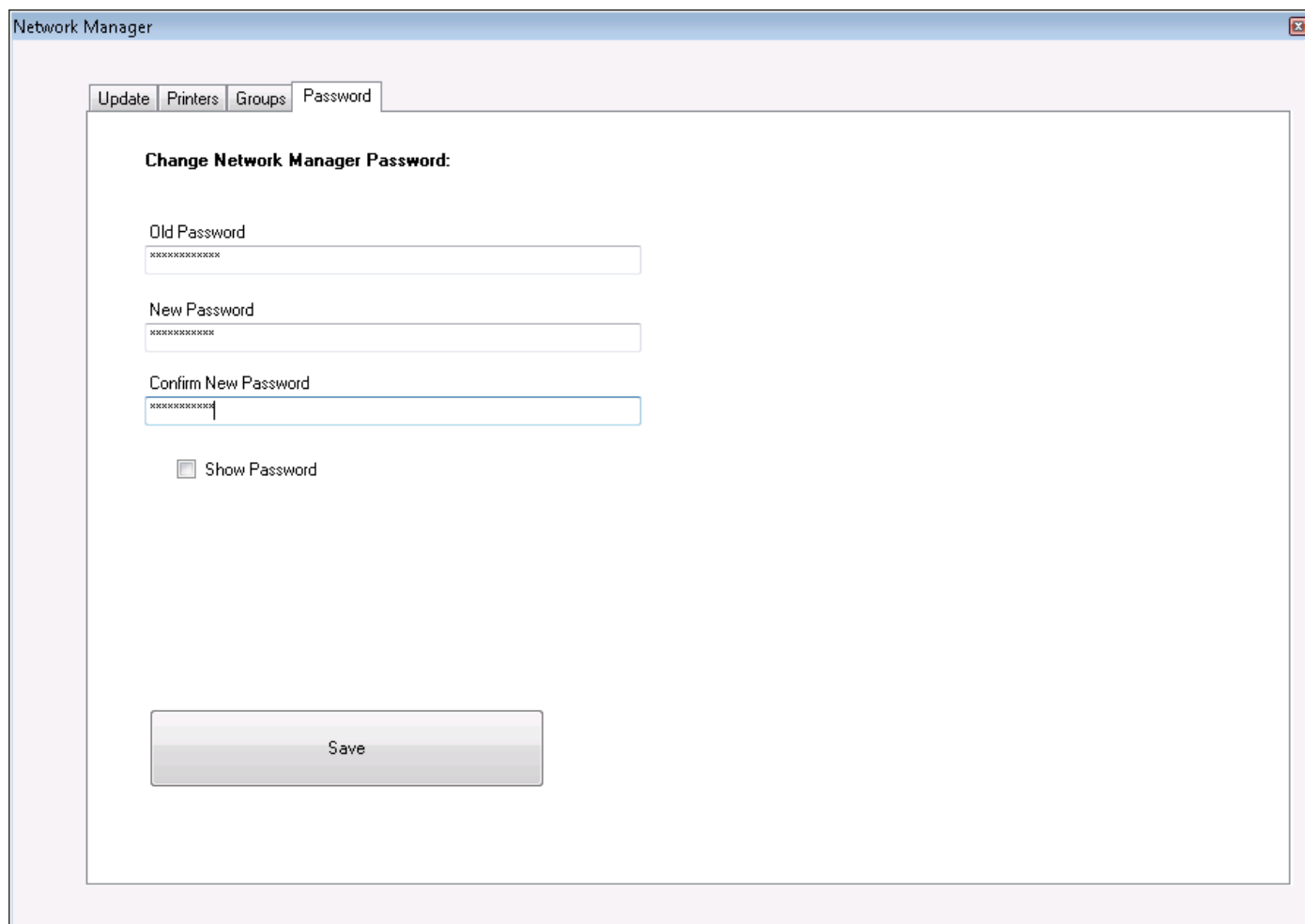
Deleting a Group

1. Select the group
2. Click the - button to remove the group.
3. Select **Yes** when prompted. The group is removed from the list.

Note: The Apply button is disabled until information in the Name and/or Description fields is entered or modified.

Changing the Network Manager Password

Use the Password tab to change the Network manager password. The default password is “avery1239417”.



The screenshot shows a window titled "Network Manager" with a tabbed interface. The "Password" tab is selected, showing a form to change the Network Manager password. The form includes three password input fields labeled "Old Password", "New Password", and "Confirm New Password", each with a masked password (xxxxxxxxxx). Below these fields is a checkbox labeled "Show Password". At the bottom of the form is a "Save" button.

Network Manager

Update Printers Groups Password

Change Network Manager Password:

Old Password
xxxxxxxxxx

New Password
xxxxxxxxxx

Confirm New Password
xxxxxxxxxx

☐ Show Password

Save

9417+ CONFIGURATION FILE

You can use EasyEdit+ to create an encrypted XML-based configuration file that contains settings you want to remotely set on the 9417+ Printer. The configuration file is saved as a *.enc file type.

To create a configuration file,

4. Select **Tools, Configuration File**.

5. Enter the Network Manager Password. The default password is “avery1239417”.

You see five tabs; Printer, LAN, Wi-Fi, Network, and Users. Each tab shows the settings you can modify on the printer. The tabs have the option to select Use Printer Settings. Check this to use the printer’s settings instead of setting them using the configuration file.

Opening a Configuration File

To open an existing configuration file,

1. Select **Open...** on the Configuration File screen.
2. Navigate to the saved configuration file (*.enc file).
3. Select **Open**. The settings from this file populate the tabs.

Printer Settings

To use a configuration file to set Printer settings,

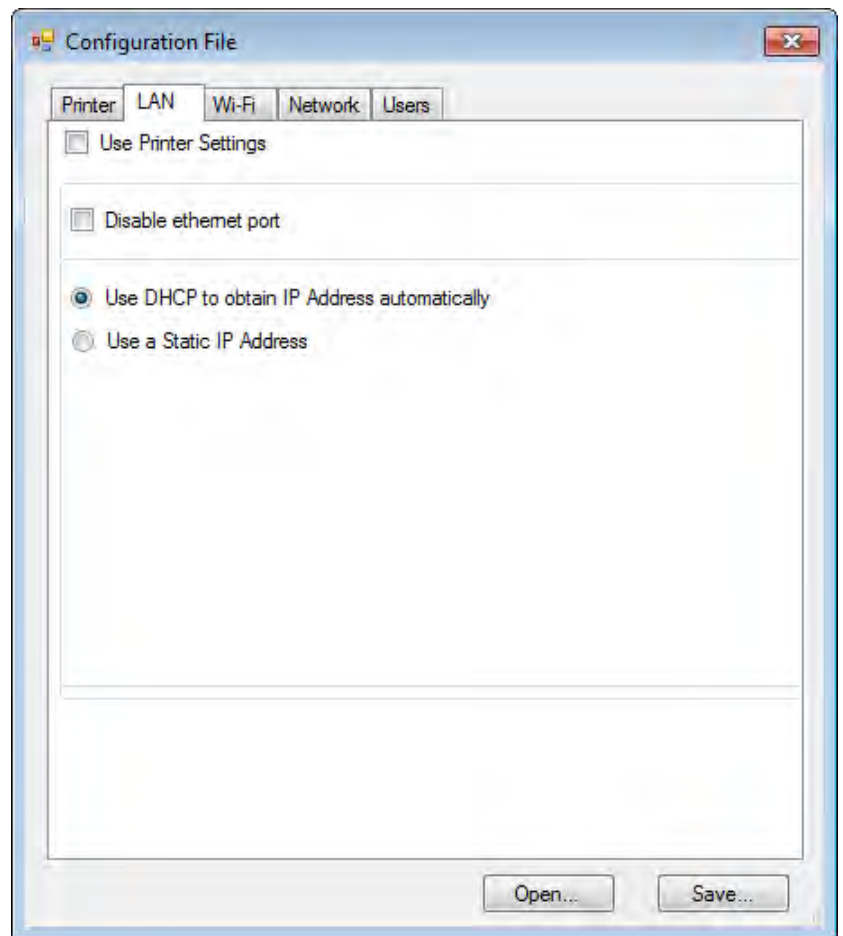
1. Select the Printer tab.
2. Deselect Use Printer Settings.
3. Modify the settings as needed.
4. Click **Save...** or use the other tabs to modify settings.

The screenshot shows the 'Configuration File' dialog box with the 'Printer' tab selected. The 'Use Printer Settings' checkbox is unchecked. The 'Admin Password' and 'Confirm Admin Password' fields are empty, with a 'Show Password' checkbox to the right. Below these are three checkboxes: 'Disable USB host' (unchecked), 'Disable USB Device' (unchecked), and 'Disable FTP' (checked). The 'Printer Applications' section has three checked items: 'Summit Client Utility (Advanced Wireless Setup)', 'Opera Mini (Web Browser)', and 'Print Server'. The 'Enable employee login' checkbox is unchecked. The 'Allow user to recreate an old label by overriding "Use by" value' checkbox is unchecked. The 'System Language' dropdown menu is set to 'English'. The 'Enable alternate System Language' checkbox is unchecked. At the bottom right are 'Open...' and 'Save...' buttons.

LAN Settings

To use a configuration file to set LAN (Local Area Network) settings:

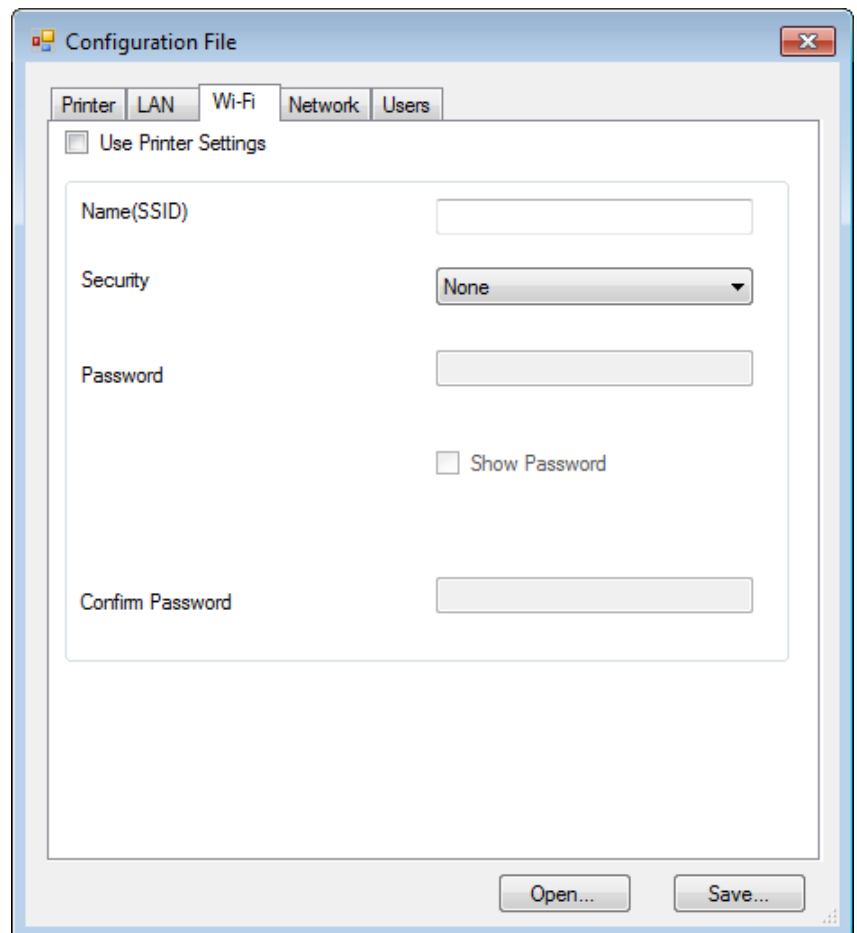
1. Select the LAN tab.
2. Deselect Use Printer Settings.
3. Modify the settings as needed.
4. Click **Save...** or use the other tabs to modify settings.



WiFi Settings

To use a configuration file to set Wireless settings:

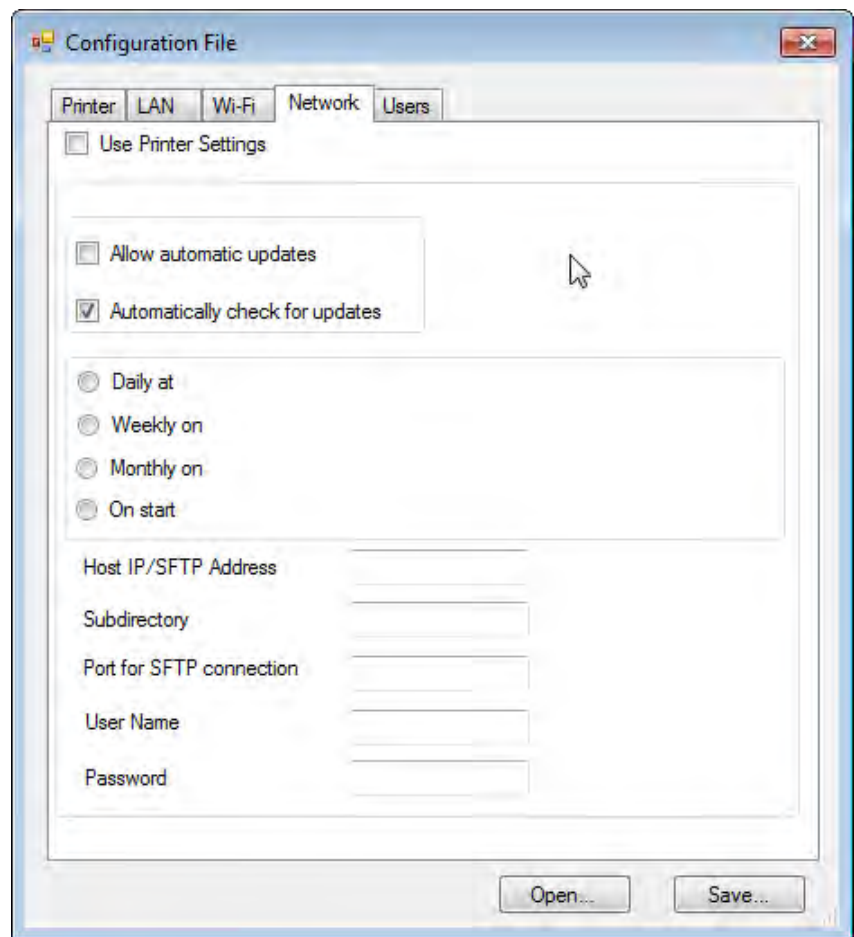
1. Select the Wi-Fi tab.
2. Deselect Use Printer Settings.
3. Modify the settings as needed.
4. Click **Save...** or use the other tabs to modify settings.



Network Settings

To use a configuration file to set Network settings:

1. Select the SFTP tab.
2. Deselect Use Printer Settings.
3. Modify the settings as needed.
4. Click **Save...** or use the other tabs to modify settings.



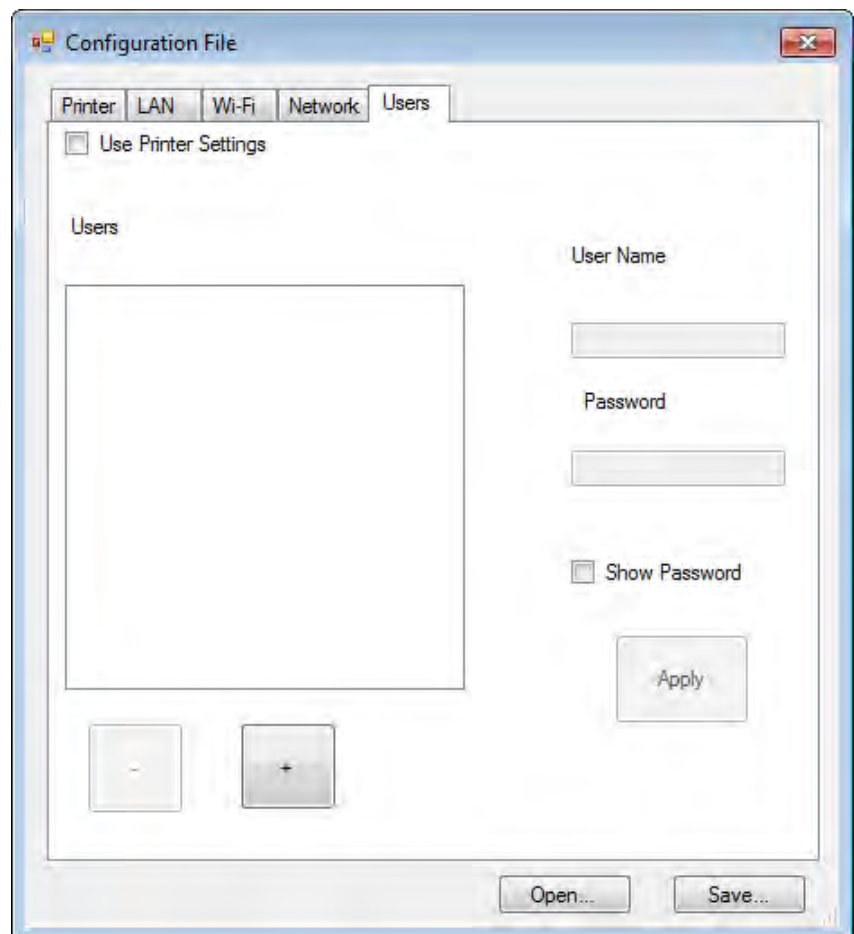
SFTP Server User Settings

To use a configuration file to set SFTP server user settings:

1. Select the Users tab.
2. Deselect Use Printer Settings.
3. Click the + button to add a user.
4. Enter a User Name and a password.
5. Click **Apply**. The new user is listed in the Users box.

To remove a user:

1. Select that user in the Users box
2. Click the – button to remove the user.
3. Confirm the action in the pop-up message.



STANDARD LABEL FORMATS

This appendix shows a sample of each label format. If the selected format is larger than the loaded supply, some information may not print.

Format 1

Prints 1.2" wide x 1.1" long labels.



Description 1
Description 2
Description 3
PREP
EMPL
MM/DD/YY HH:MM:PM
MUST USE BY
HH:MM:PM
MM/DD/YY

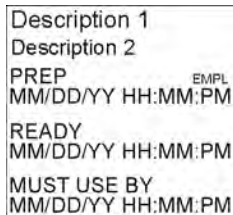
Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Description 3</i>	Prints up to 17 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 2

Prints 1.2" wide x 1.1" long labels.



Description 1
Description 2
PREP
EMPL
MM/DD/YY HH:MM:PM
READY
MM/DD/YY HH:MM:PM
MUST USE BY
MM/DD/YY HH:MM:PM

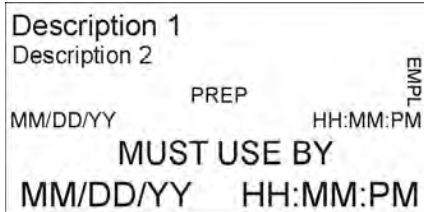
Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Ready</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 3

Prints 2.2" wide x 1.1" long labels.



A diagram showing the layout of a label for Format 3. It includes two lines for 'Description 1' and 'Description 2'. Below these are three fields: 'PREP' with a date format 'MM/DD/YY', 'EMPL' with an employee ID, and 'HH:MM:PM'. A central section is labeled 'MUST USE BY' with date and time formats 'MM/DD/YY' and 'HH:MM:PM'.

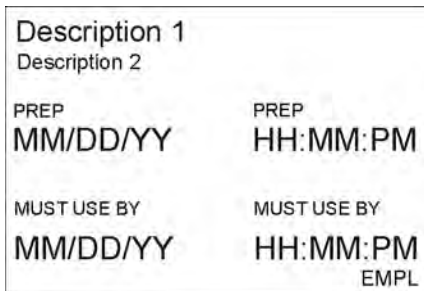
Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 35 characters.
<i>Description 2</i>	Prints up to 35 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 4

Prints 2.2" wide x 1.5" long labels.



A diagram showing the layout of a label for Format 4. It includes two lines for 'Description 1' and 'Description 2'. Below these are two columns of fields. The left column has 'PREP' with date format 'MM/DD/YY' and 'MUST USE BY' with date format 'MM/DD/YY'. The right column has 'PREP' with time format 'HH:MM:PM', 'MUST USE BY' with time format 'HH:MM:PM', and 'EMPL' at the bottom.

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 25 characters.
<i>Description 2</i>	Prints up to 25 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 5

Prints 2.2" wide x 1.5" long labels.

Description 1
Description 2
PREP
MM/DD/YY HH:MM:PM
MUST USE BY
MM/DD/YY HH:MM:PM
0 12345 67891 2

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 25 characters.
<i>Description 2</i>	Prints up to 25 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Format 6

Prints 2.2" wide x 3.0" long labels.

DAY OF WEEK
ITEM: Description 1
SHELF LIFE: Shelf Life
PREP
MM/DD/YY HH:MM:PM
MUST USE BY
MM/DD/YY HH:MM:PM
EMPLOYEE: EMPL

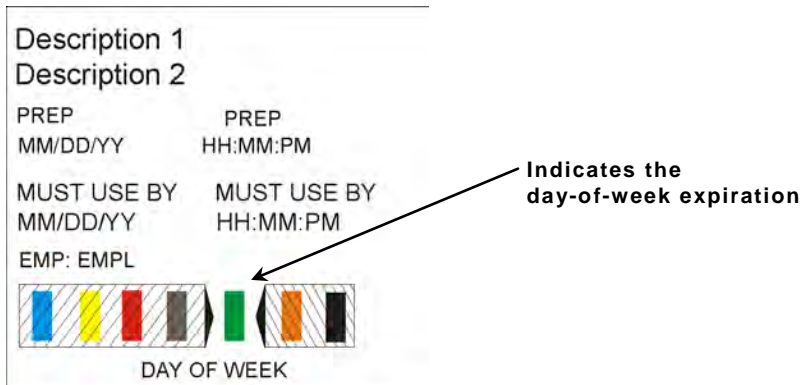
Enter the following information for each field:

Field	Description
<i>Description</i>	Prints up to 16 characters.
<i>Shelf Life</i>	Prints up to 13 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 7

Prints 2.2" wide x 2.0" long labels.



Note: Arrows point to the block that corresponds to the day-of-week expiration date while diagonal lines print through the color-coded boxes that do not apply.

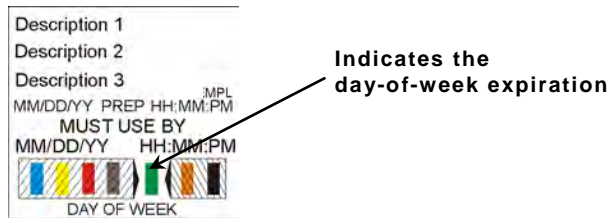
Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 15 characters.
<i>Description 2</i>	Prints up to 15 characters
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Blue</i>	Use by Monday.
<i>Yellow</i>	Use by Tuesday.
<i>Red</i>	Use by Wednesday.
<i>Brown</i>	Use by Thursday.
<i>Green</i>	Use by Friday.
<i>Orange</i>	Use by Saturday.
<i>Black</i>	Use by Sunday.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 8

Prints 1.2" wide x 1.1" long labels.



Note: Arrows point to the block that corresponds to the day-of-week expiration date while diagonal lines print through the color-coded boxes that do not apply.

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Description 3</i>	Prints up to 17 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Prep</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Blue</i>	Use by Monday.
<i>Yellow</i>	Use by Tuesday.
<i>Red</i>	Use by Wednesday.
<i>Brown</i>	Use by Thursday.
<i>Green</i>	Use by Friday.
<i>Orange</i>	Use by Saturday.
<i>Black</i>	Use by Sunday.

Note: The employee ID number does not print if Employee Login is not enabled.

Format 10

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Allergens</i>	Prints up to 50 characters.
<i>Prep</i>	Prints the date in MM/DD/YY format.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name
Description 1
Description 2

INGREDIENTS:
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ALLERGENS:
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PREP MM/DD/YY



MUST USE BY MM/DD/YY
Net Weight Price
STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER

Format 11

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Description 3</i>	Prints up to 23 characters.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.

Store Name
Description 1
Description 2
Description 3

INGREDIENTS:
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MUST USE BY MM/DD/YY

Net Weight Price

Format 12

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.

Store Name

Description 1

Description 2

INGREDIENTS:

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MUST USE BY MM/DD/YY

Net Weight

Price

Format 20

Prints 2.2" wide x 3.0" long labels.

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 23 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Servings Per Container</i>	Prints up to 10 characters.
<i>Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Trans Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Cholesterol (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Carbs (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Dietary Fiber (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin A (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin C (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Iron (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Calcium (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.

Description 1

Nutrition Facts

Serving Size	
Servings Per Container	
Amount Per Serving	
Calories	Calories from Fat
	% Daily Value *
Total Fat	
Saturated Fat	
Trans Fat	
Cholesterol	
Sodium	
Total Carbohydrates	
Dietary Fiber	
Sugar	
Protein	
Vitamin A	Vitamin C
Calcium	Iron

* Percent Daily Values are based on a 2,000 Calorie diet. Your Daily Values may be higher or lower depending on your calorie needs.

Format 21

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Servings Per Container</i>	Prints up to 10 characters.
<i>Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Trans Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Cholesterol (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Carbs (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Dietary Fiber (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin A (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin C (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Iron (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Calcium (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name
Description 1
Description 2

Nutrition Facts
Serving Size
Servings Per Container


Amount Per Serving

Calories Calories from Fat
% Daily Value *

Total Fat
Saturated Fat
Trans Fat
Cholesterol
Sodium
Total Carbohydrates
Dietary Fiber
Sugar
Protein

Vitamin A * Vitamin C
Calcium * Iron

* Percent Daily Values are based on a 2,000 Calorie diet. Your Daily Values may be higher or lower depending on your calorie needs.


0 12345 67891 2
MUST USE BY MM/DD/YY
Net Weight Price
STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER

Format 22

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Trans Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Cholesterol (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Carbs (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Dietary Fiber (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin A (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin C (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Iron (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Calcium (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Allergens</i>	Prints up to 50 characters.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name
Description 1
Description 2

Nutrition Facts	
Calories	Calories from Fat
	% Daily Value *
Total Fat	
Saturated Fat	
Trans Fat	
Cholesterol	
Sodium	
Total Carbohydrates	
Dietary Fiber	
Sugar	
Protein	
Vitamin A	Vitamin C
Calcium	Iron

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(ALLERGENS) Lorem ipsum dolor sit amet, consectetur

MUST USE BY MM/DD/YY

Net Weight Price

STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER

Format 23

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 23 characters.
<i>Serving Size</i>	Prints up to 23 characters.
<i>Servings per Container</i>	Prints up to 23 characters.
<i>Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated Fat (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Trans Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Cholesterol (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium (mg & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Carbs (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Dietary Fiber (g & %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Includes Added Sugars(g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin D (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Calcium (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Iron (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Potassium (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.

Description 1 Nutrition Facts

Servings Per Container

Serving size

Amount Per Serving

Calories

% Daily Value *

Total Fat

Saturated Fat

Trans Fat

Cholesterol

Sodium

Total Carbohydrates

Dietary Fiber

Total Sugars

Includes XXg Added Sugars

Protein

Vitamin D

Calcium

Iron

Potassium

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

Format 30

Prints 2.2" wide x 3.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Each serving (XXg) contains</i>	Prints up to 28 characters.
<i>Energy (kJ and kcal)</i>	Prints up to 6 characters: numbers 0-9 and period only..
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which saturates</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fibre</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Salt</i>	Prints up to 6 characters: numbers 0-9 and period only.

Store Name		
Description 1		
Description 2		
Nutrition		
Typical values	100g contains	Each serving (XX g) contains
Energy	kJ	kJ
	kcal	kcal
Fat	g	g
of which saturates	g	g
Carbohydrate	g	g
of which sugars	g	g
Fibre	g	g
Protein	g	g
Salt	g	g

Format 31

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Each serving (XXg) contains</i>	Prints up to 28 characters.
<i>Energy (kJ and kcal)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which saturates</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fibre</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Salt</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Prep</i>	Prints the date in MM/DD/YY format.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name
Description 1
Description 2

Nutrition

Typical values	100g contains	Each serving (XX g) contains
Energy	kJ	kJ
	kcal	kcal
Fat	g	g
of which saturates	g	g
Carbohydrate	g	g
of which sugars	g	g
Fibre	g	g
Protein	g	g
Salt	g	g

Prep: MM/DD/YYYY

MUST USE BY MM/DD/YY
Net Weight Price
STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER

Format 32

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Each serving (XXg) contains</i>	Prints up to 28 characters.
<i>Energy (kJ and kcal)</i>	Prints up to 6 characters: numbers 0-9.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which saturates</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>of which sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fibre</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Salt</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Allergens</i>	Prints up to 50 characters.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name
Description 1
Description 2

Nutrition

Typical values	100g contains	Each serving (XX g) contains
Energy	kJ	kJ
	kcal	kcal
Fat	g	g
of which saturates	g	g
Carbohydrate	g	g
of which sugars	g	g
Fibre	g	g
Protein	g	g
Salt	g	g

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(ALLERGENS) Lorem ipsum dolor sit amet, consectetur

MUST USE BY MM/DD/YY
Net Weight Price
STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER

Format 40

Prints 2.2" wide x 3.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Servings per pack</i>	Prints up to 10 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Energy</i>	Prints up to 6 characters: numbers 0-9 and period only..
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium</i>	Prints up to 6 characters: numbers 0-9 and period only.

Store Name
Description 1
Description 2

NUTRITION INFORMATION
Servings per pack
Serving Size

	Quantity per Serve	Quantity per 100g
Energy (kJ)	kJ	kJ
Protein (g)	g	g
Fat- Total (g)	g	g
-Saturated (g)	g	g
Carbohydrate - Total (g)	g	g
-Sugars (g)	g	g
Sodium (mg)	mg	mg

Format 41

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Servings per pack</i>	Prints up to 10 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Energy (kJ)</i>	Prints up to 6 characters: numbers 0-9.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Prep</i>	Prints the date in MM/DD/YY format.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name		
Description 1		
Description 2		
NUTRITION INFORMATION		
Servings per pack		
Serving Size		
	Quantity per Serve	Quantity per 100g
Energy (kJ)		
Protein (g)		
Fat - Total (g)		
-Saturated (g)		
Carbohydrate - Total (g)		
-Sugars (g)		
Sodium (mg)		
Prep: MM/DD/YYYY		
		
MUST USE BY MM/DD/YY		
Net Weight		Price
STORE ADDRESS LINE 1		
ADDRESS LINE 2/PHONE NUMBER		

Format 42

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Servings per pack</i>	Prints up to 10 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Energy (kJ)</i>	Prints up to 6 characters: numbers 0-9.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Allergens</i>	Prints up to 50 characters.
<i>Barcode</i>	Prints a UPC-A, EAN-8, EAN-13, Code 30 Barcode.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Barcode</i>	Must enter the correct number of characters based on barcode type

Store Name
Description 1
Description 2

NUTRITION INFORMATION
Servings per pack
Serving Size

	Quantity per Serve	Quantity per 100g
Energy (kJ)		
Protein (g)		
Fat - Total (g)		
-Saturated (g)		
Carbohydrate - Total (g)		
-Sugars (g)		
Sodium (mg)		

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MUST USE BY MM/DD/YY
Net Weight Price
STORE ADDRESS LINE 1
ADDRESS LINE 2/PHONE NUMBER

Format 43

Prints 2.2" wide x 4.0" long labels.

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 23 characters.
<i>Store Name</i>	Prints up to 17 characters.
<i>Store Address</i>	Prints up to 45 characters on Line 1 Prints up to 45 characters on Line 2
<i>Servings per pack</i>	Prints up to 10 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Energy (kJ)</i>	Prints up to 6 characters: numbers 0-9.
<i>Protein</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Carbohydrate</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Ingredients</i>	Prints up to 875 characters.
<i>Allergens</i>	Prints up to 50 characters.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period, dollar, cents, Euro, pound, and yen signs.

Description 1

Store Name

STORE ADDRESS LINE 1

ADDRESS LINE 2/PHONE NUMBER

NUTRITION INFORMATION

Servings per pack

Serving Size

	Quantity per Serve	Quantity per 100g
Energy (kJ)		
Protein (g)		
Fat - Total (g)		
-Saturated (g)		
Carbohydrate - Total (g)		
-Sugars (g)		
Sodium (mg)		

INGREDIENTS:

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ALLERGENS:

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MUST USE BY

MM/DD/YY

Price

CUSTOM LABEL FORMATS

This appendix shows how to work with custom label formats.

Contact Avery Dennison for information on creating custom label formats.

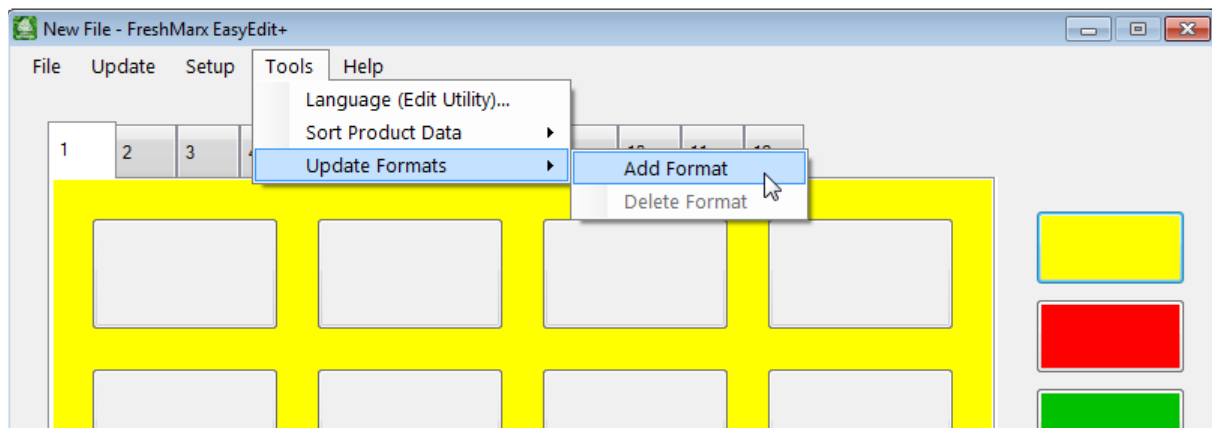
Note: Each custom format requires two files; one .LNT and one .XML. The files must have the exact same file name and must be saved in the same directory.

A custom format can include an image, such as a logo. This file needs to be stored in the directory with the custom format files (.LNT and .XML).

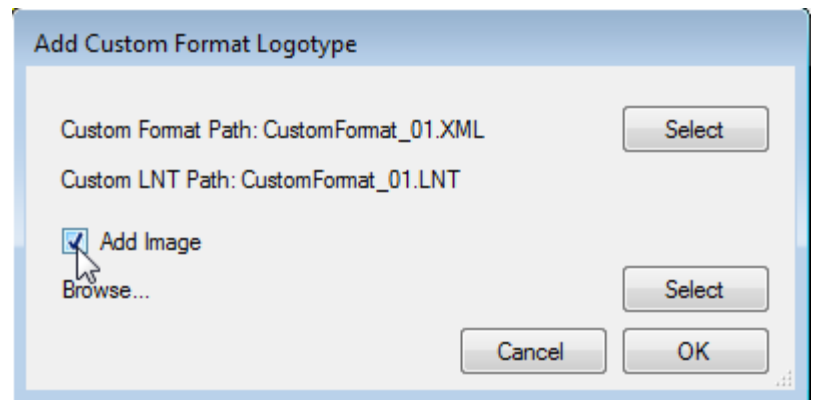
Adding a Custom Format

You can add a custom format so that it can be assigned to a Category.

1. Start the EasyEdit+ Utility.
2. Open your data file (or start a new data file).
3. Select **Tools, Update Formats, Add Format**.



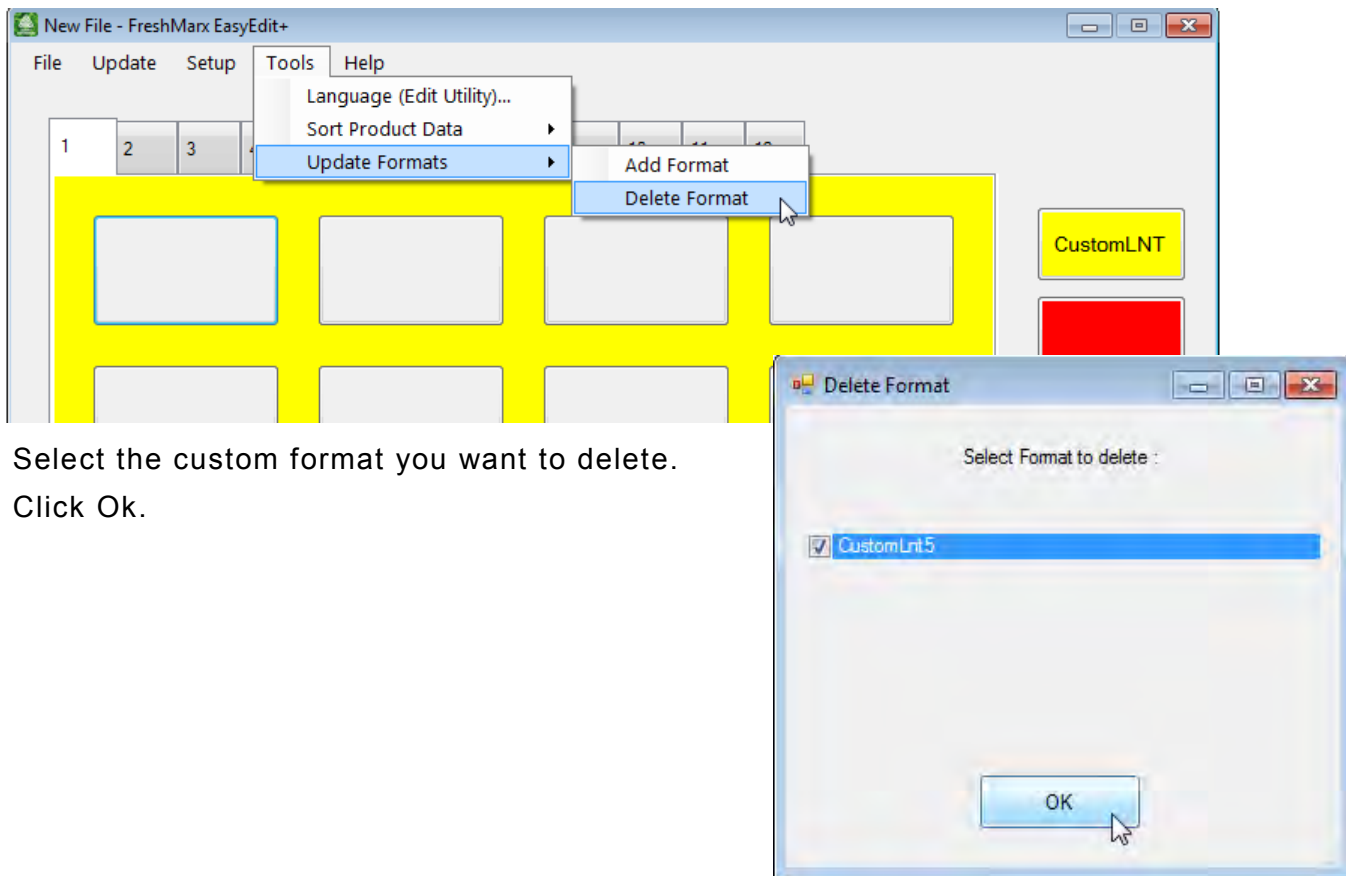
4. Navigate to the custom format file (.LNT) you want to add, then click **Open**.
5. If your custom format includes an image, click the Add Image check box.
6. Click **Select** to browse to the image file (.png, .jpg, .gif, .bmp.).
7. Select the image file to use then click **Open**.
8. Click Ok to finish adding the custom format. You see a message confirming the format is added.



Deleting a Custom Format

You can delete a custom format.

1. Start the EasyEdit+ Utility.
2. Open your data file (or start a new data file).
3. Select **Tools, Update Formats, Delete Format**.

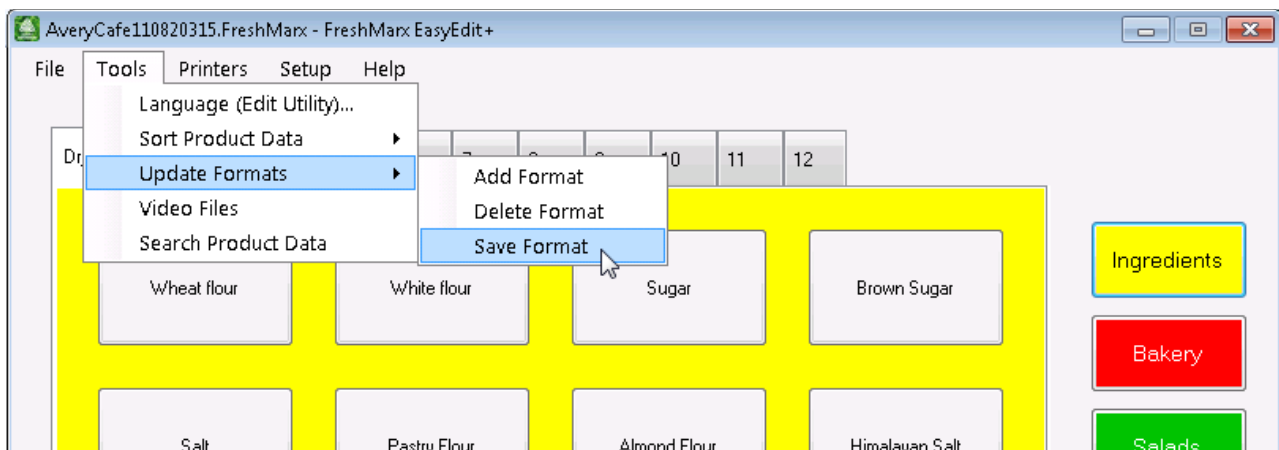


4. Select the custom format you want to delete.
5. Click Ok.

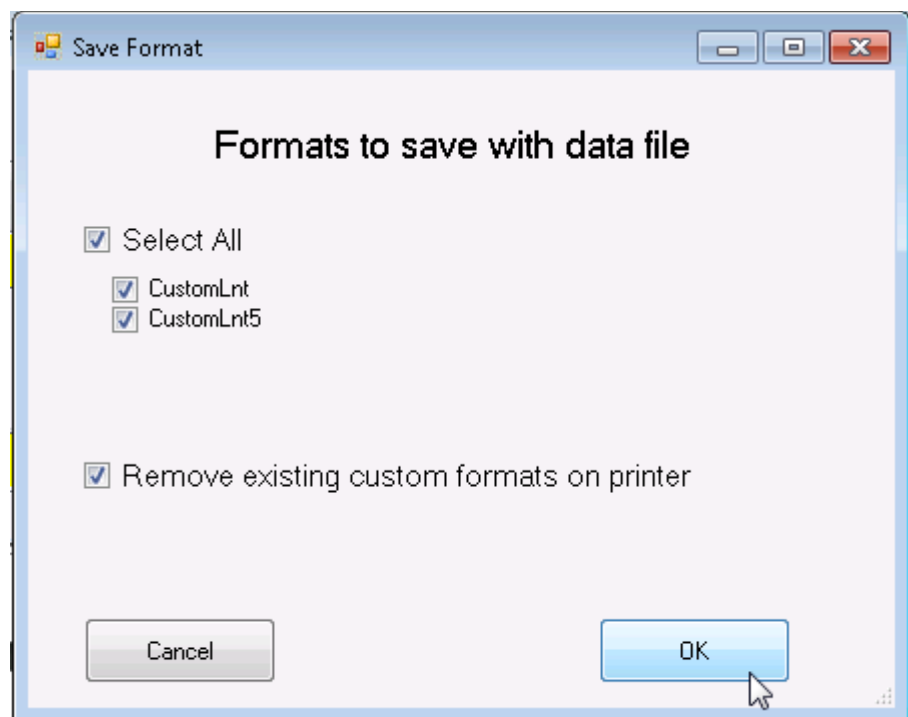
Saving a Custom Format

You can save specific custom formats with your data file.

1. Start the EasyEdit+ Utility.
2. Open your data file (or start a new data file).
3. Select **Tools, Update Formats, Save Format**.



4. Select the custom formats to save.
5. Select if you want the existing custom formats already on the printer to be removed when the new data file is loaded.



6. Click **OK**.

Videos and documents can be added to your product data file. The 9417+ printer has approximately 2.5GB of space available to store videos, documents, images, etc. For optimal performance, make every effort to reduce file size and complexity of videos and documents.

Video Specifications

Videos must meet the following specifications to properly play on the 9417+ printer.

Supported Media Files

The 9417+ printer supports the following media types:

- ◆ Video (AVI, DIVX, GVI)
- ◆ MPEG Movie (MPEG, MPG, MPV)
- ◆ MPEG-4 (MP4, MOV, 3GP, M4A, M4B, K3G, MQV)
- ◆ Matroska (MKV, MKA)

Note: For optimum performance (optimal video compression and reduced file size), we recommend using MP4 file format.

Supported Video Codecs

Use one of the following codecs when converting video files.

- ◆ Xvid
- ◆ MPEG-4
- ◆ MPEG-1

Maximum Resolution

Set the video resolution to 800 x 480 for optimal viewing on the printer.

Video Bitrate

Use a bitrate up to 1500. Exceeding this bitrate will affect the playback of your videos.

Video Conversion

Videos must be converted before they are viewable on the 9417+ printer.

We recommend using this free conversion tool, *Any Video Converter*.

http://www.any-video-converter.com/products/for_video_free/

Using this conversion tool, follow these instructions:

1. For Video Format, select Customized AVI/Customized MP4/MPEG-1.
2. Change the resolution to 800 x 480 (or use 720 x 480 for MPEG-1).
3. For Video Options, select Xvid or MPEG-4. Use MPEG-1video if MPEG-1 is selected.
4. Convert the video.

Document Specifications

Documents can be of the following file types to view on the 9417+ printer.

- ◆ .pdf
- ◆ .doc, .docx
- ◆ .xls, .xlsx
- ◆ .ppt, .pptx
- ◆ .PNG

For optimal document viewing guidelines, refer to the Viewable Document Setup Guide found on our Web site.

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