

W5networks™



ESL System User Guide

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Chapter 1

System Overview

In This Chapter

- [About This User Guide](#)
- [Welcome to the ESL System](#)
- [ESL System Hardware](#)
 - [Initializer](#)
 - [Electronic Shelf Labels](#)
 - [Printer](#)
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 - [Printer](#)
 - [ESL System Server Console](#)

About This User Guide

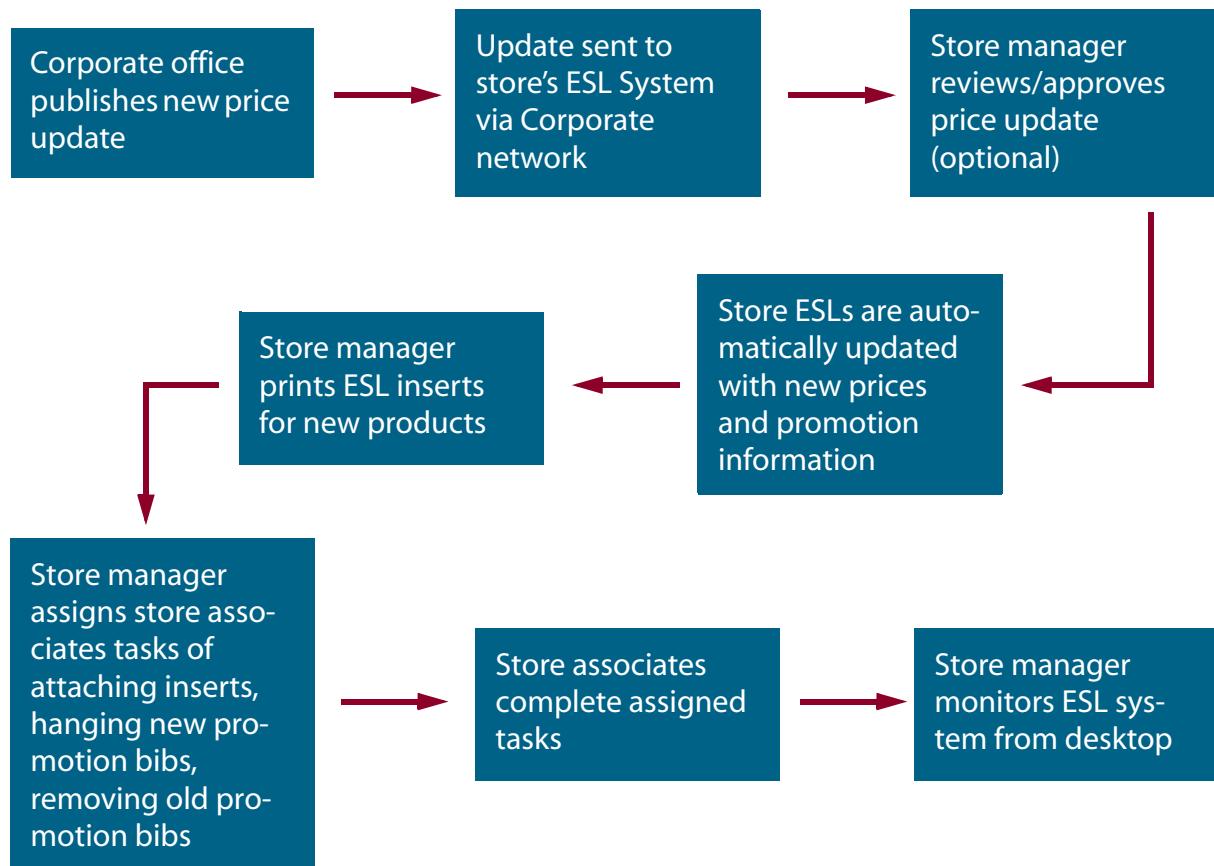
This User Guide contains the following chapters:

- [Chapter 1: System Overview](#) (this chapter): Gives an overview of the ESL System and system components. It also explains how to use the ESL Server, including how to log on and log off the system.
- [Chapter 2: ESL Setup/Initialization](#): Provides detailed instructions for hanging and removing ESLs, initializing ESLs, attaching bibs, and using the printer.
- [Chapter 3: Overview](#): Introduces you to the system's Home page, which provides an at-a-glance status report on the ESL system.
- [Chapter 4: Price Updates](#): Provides information on reviewing or accepting price updates, printing ESL labels, and printing other information for your records.
- [Chapter 5: Tasks](#): Explains how to assign, close, or cancel tasks, view task details, and print a list of tasks assigned to each employee.
- [Chapter 6: ESLs](#): Tells you how to access information about any ESL in the store and control the behavior of ESLs. It also provides information on ESL warnings and alerts.
- [Chapter 7: Items](#): Explains how to find access to information about all the products in the ESL system.
- [Chapter 8: System](#): Provides information on the ESL system's System tab

- [Chapter 9: Frequently Asked Questions](#): Provides a list of common questions and answers regarding the ESL system.
- [Chapter 10: Technical Support](#): Explains how you can obtain additional help in using the ESL system.

Welcome to the ESL System

Using the Electronic Shelf Label (ESL) system is easy. With just a few clicks of your mouse, you'll be updating the price and promotion information for items in your store, assigning and completing related tasks, and reviewing item and ESL details. Here's how it works:



ESL System Hardware

The ESL system is comprised of five hardware components:

- [Initializer](#)
- [Electronic Shelf Labels](#)
- [Printer](#)
- [Access Point](#)
- [ESL System Server](#)

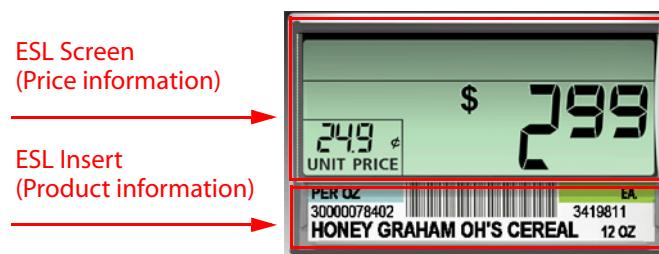
Initializer

The Initializer is a portable device that allows you to add new items into the ESL system.



Electronic Shelf Labels

ESLs are digital shelf labels that replace paper shelf tags or stickers. The ESL screen displays price information; an ESL insert provides detailed product information. The ESL is also equipped with an LED, and a bib sensor and attachment mechanism.



ESL Screen

When in normal mode, the ESL screen displays price and promotion information about the item it represents.

When in operational mode, the ESL screen displays item information, including identifying information like a UPC code.

ESL Insert

The contents of ESL inserts are customized for your store. Generally, ESL inserts contain information like:

- Product description
- Unit of measure (UOM)
- Size
- Bar code
- PLU
- SKU
- UPC

LED

The ESL's LED is used for a variety of reasons. It can signal that the ESL needs attention (either because it needs a bib attached or removed, or because it is damaged or malfunctioning). It can also signal a product promotion, drawing customers' attention with a blinking light.



LED behavior is controlled from the ESL System user interface, described later.

Bib Sensor/Attachment Mechanism

Product promotions are often advertised in the store through the use of shelf bibs.

Note: *Bibs are pre-printed with generic promotion information. You will not need to print the bibs in the store.*

The ESL has a bib sensor, so that it knows when a bib is attached or not attached. This is particularly helpful, because the system can be configured such that a price will not change until a bib is attached or removed.

ESLs are equipped with a slot for attaching bibs. See ["Attaching Bibs to ESLs" on page 22](#) for instructions.

Printer

The ESL System printer is used to print ESL inserts.



Access Point

Access Points are wireless devices placed at various locations around the store.



Information from the W5 Server is sent wirelessly to these Access Points and the Access Points send the information to the ESLs throughout the store.

ESL System Server

The server is a computer that runs ESL System software. Using this software, you can manage the entire ESL system in your store.

ESL System Server Console

To use the Server Console, double click on the desktop icon, or open your Web browser. The Home page will be displayed.

The Home page is the entry point into the ESL System. This page contains elements that you'll find on every page of the interface:

- A.** Navigation Tabs: Switch to any tab, as needed, by clicking on it.
- B.** Print Button: Print the contents of the current page.
- C.** Log On/Off Button: Log on to the system, or log off at the end of your session.
- D.** Links to other pages: Access additional information about an item.

System Status Summary	
	Total ESLs Deployed: 31
	ESL Warnings: 0
	ESL Critical Alerts: 0
	ESLs Showing Operational Display: 0
	ESLs with Button Enabled: 0
	System Warnings: 0
	System Critical Alerts: 0
	ESLs with Operational LED Activated: 0

Manager To-Do List	
	Print Inserts for new Items in Update: 1

Tasks and Updates Summary	
Incomplete Assigned Tasks	0
0 - 12hrs	0
12 - 24hrs	0
24+ hrs	0
Future Price Updates	0
Pending Bib Action Price Updates	0
Price Updates in Progress	1
Files processed in the last 24 hours	1
Prices updated in the last 24 hours	0

As you link to pages beyond the home page, you'll find an additional navigation window on the left side of the screen. This window provides further links related to the current tab.

Navigation Window

Batch ID	Status	Date Received	Date Approved	Items to Update
4	APPROVED	Nov 9 6:35 PM	Nov 9 6:35 PM	12
5	PENDING	Nov 9 6:35 PM		5

For instance, the image above displays the **Updates** tab. The navigation window on the left side of the screen provides links to other pages contained in the **Updates** tab. The red link is the page you are currently viewing (here, we are viewing the “Price Update Files Imported with last 24 Hours” page); the blue links are other available pages. Click on a link to access a page.

Logging On/Off

When you first start up the system, the Home page is displayed automatically. When you attempt to leave the Home page by clicking on a link or a tab, a **Log On** screen will prompt you for your username and password.

Note: You can also log on at any time by clicking on the **Log On** link at the top right of your screen.

Enter the required information and click **Logon**.

At the end of your session, remember to log off by clicking the **Log Off** link at the top right of the screen. If you do not log off, the system will log you off automatically.

Chapter 2

ESL Setup/Initialization

In This Chapter

- Overview
- Printer/Initializer Setup Procedure
 - Connect Initializer, Scanner, and Printer to Laptop
 - Load Inserts into Printer
- Hanging ESLs
 - Hanging ESLs on Shelves
 - Hanging ESLs on Scan Hooks
 - Hanging ESLs on Clip Strips
 - Hanging ESLs on Flat Surfaces
- Initializing Items/Printing Labels
- Attaching Bibs to ESLs
- Removing ESLs

Overview

When new items are included in a Price Update, you may have to enter the item information in the system for the first time. This is called “initializing” the ESL. For new items, you may also need to hang ESLs on shelves or attach them to scan hooks or flat surfaces, and attach paper inserts into them. Additionally, store associates are often responsible for attaching and removing bibs from ESLs and printing ESL inserts.

Printer/Initializer Setup Procedure

Before you can initialize new ESLs or print inserts for ESLs, you must set up the initializer, scanner, and printer.

Connect Initializer, Scanner, and Printer to Laptop

1. Connect one end one of the supplied USB cables to the Initializer and the other end to the laptop computer.
2. Connect one end of the other supplied USB cable to the Scanner and the other end to the laptop computer.

3. Connect one end of a standard serial cable (not supplied) the printer and the other end to the laptop computer.
4. Connect one end of the printer's power cord to the printer and the other end to the battery pack.

Note: Your laptop's USB and serial ports may be in different locations than what is shown in the images below. Consult the laptop's user manual if you are unsure of the port locations.



USB Cables (from Initializer and Scanner)

Serial Cable (from Printer)

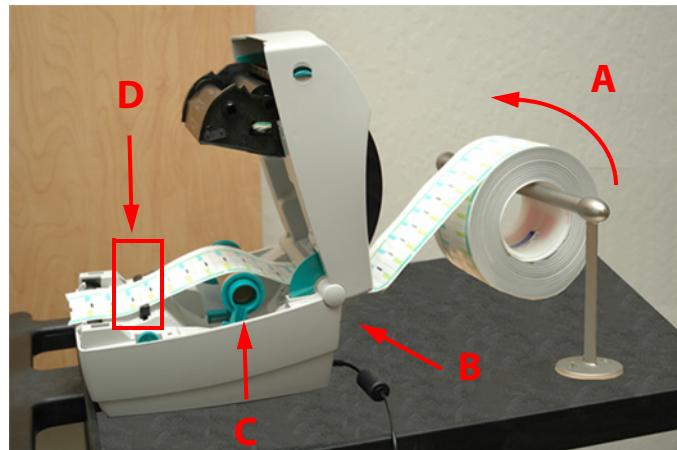
Load Inserts into Printer

Load inserts into the printer as follows:

1. Open printer by pressing both green buttons (one on each side of the printer) forward. The printer's power light will blink red when the lid is open.



2. Ensure that the roll of labels is unwinding over the top (A), then thread labels as follows:
 - Through the back of the printer, under the plastic roller (B)
 - Over the tan roller (C)
 - Under the black feet, onto the textured pad (D)



3. Press in on the green lever inside to allow the lid to close.



4. Close the lid. The red blinking light will turn green.
5. The printer will go through an alignment process; a few blank labels will come out the front as it does this.



6. When the printer finishes the alignment process (blank labels stop coming out of the printer), you may begin to print ESL inserts.

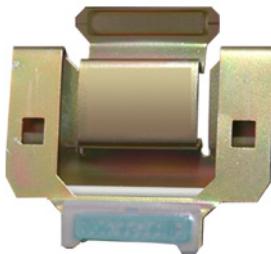
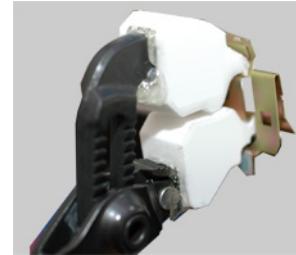
Hanging ESLs

You can hang an ESL on shelves, scan hooks, clip strips, or flat surfaces. See the following sections:

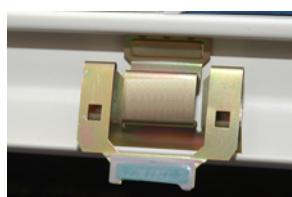
- Hanging ESLs on Shelves
- Hanging ESLs on Scan Hooks
- Hanging ESLs on Clip Strips
- Hanging ESLs on Flat Surfaces

Hanging ESLs on Shelves

1. Using Attach tool (A), take hold of the ESL attachment (B) by squeezing center section (C)

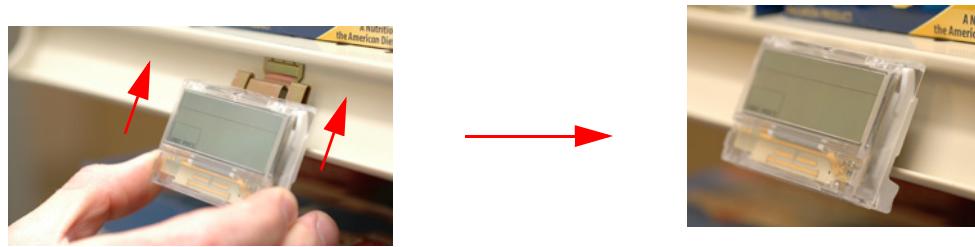
**A****B****C**

2. Insert the bottom of the ESL attachment into the shelf's C channel (A), then pivot tool upward to insert the top of the attachment (B). The finished attachment is shown below (C).

**A****B****C**

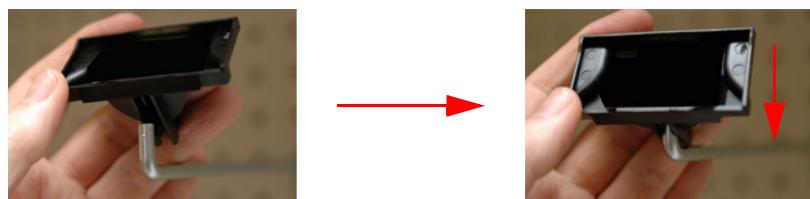
Note: The green area at the bottom of the ESL attachment is the bib sensor. Leaving this sensor exposed may damage it.

3. Line up grooves on back of the ESL with the attachment, and slide the ESL upwards until it clicks into place (A). The attached ESL is shown below (B).

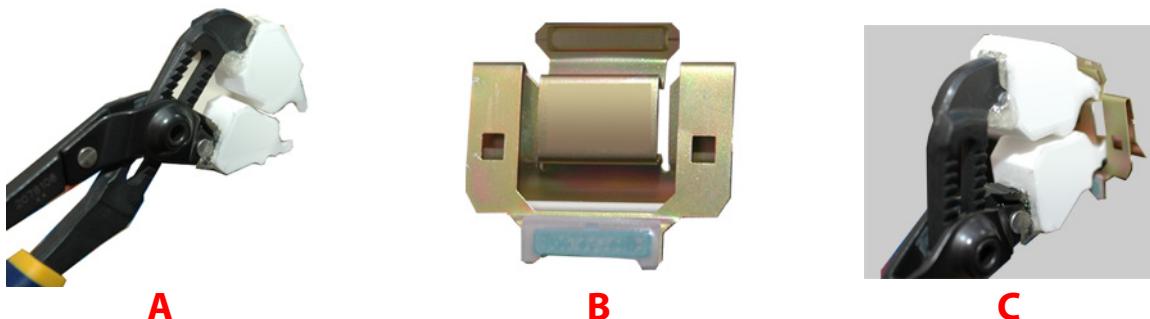
**A****B**

Hanging ESLs on Scan Hooks

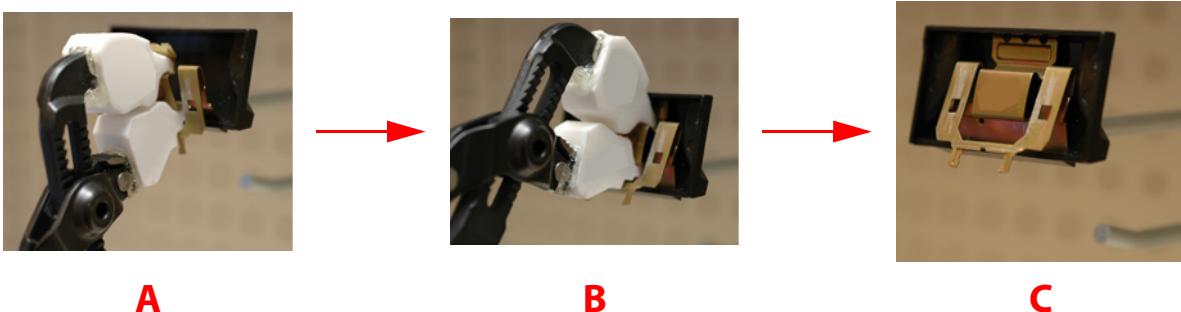
1. Align the hole at the back of the ESL holder with the scan hook (A), and press downward to attach to scan hook (B).

**A****B**

2. Attach the hook to peg board.
3. Using Attach tool (A), take hold of the ESL attachment (B) by squeezing center section (C)

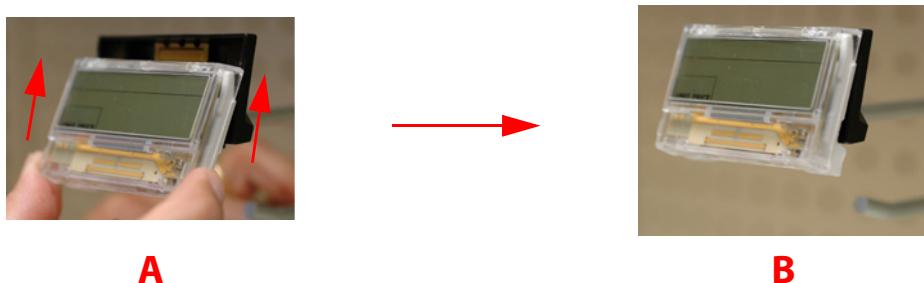
**A****B****C**

4. Insert the bottom of the ESL attachment into the scan-hook adaptor (A), then pivot tool upward to insert the top of the attachment (B). The finished attachment is shown below (C).



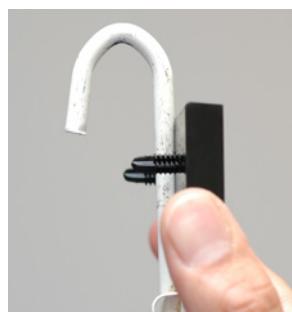
Note: The green area at the bottom of the ESL attachment is the bib sensor. Leaving this sensor exposed may damage it.

5. Line up grooves on back of the ESL with the attachment, and slide the ESL upwards until it clicks into place (A). The attached ESL is shown below (B).

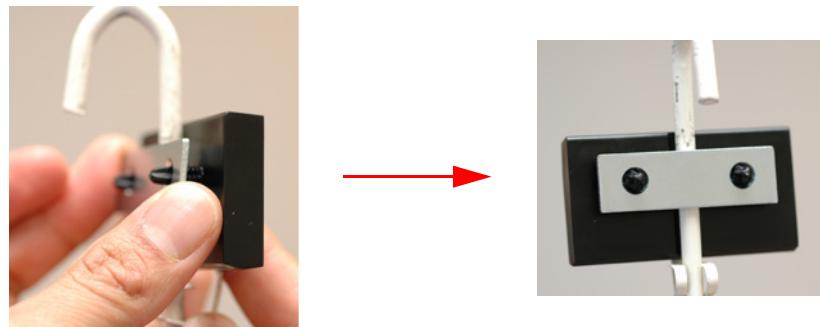


Hanging ESLs on Clip Strips

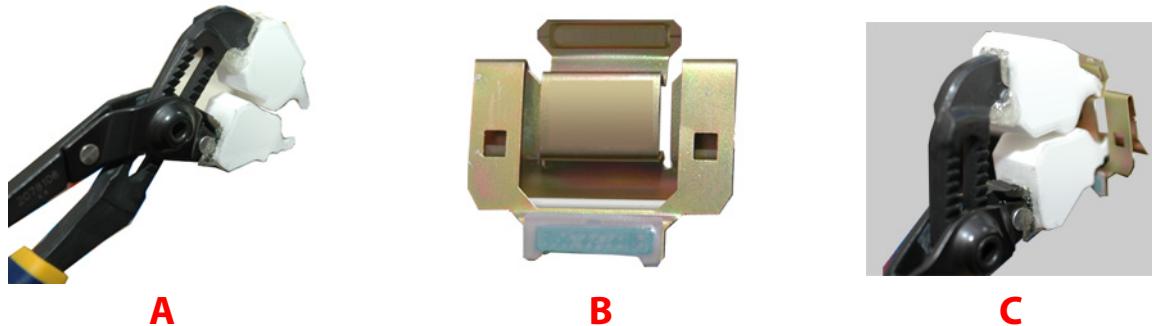
1. Hold up to front of clip strip, with plastic posts surrounding the clip strip.



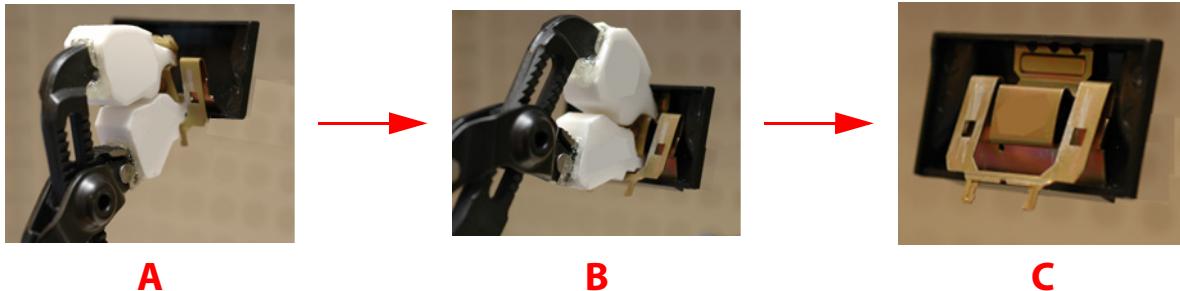
2. Line up holes in metal plate with posts on adaptor (A), press together (B).

**A****B**

3. Using Attach tool (**A**), take hold of the ESL attachment (**B**) by squeezing center section (**C**)

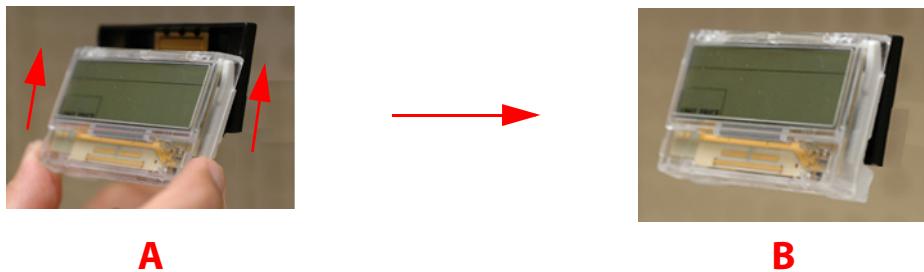
**A****B****C**

4. Insert the bottom of the ESL attachment into the flat-surface adaptor (**A**), then pivot tool upward to insert the top of the attachment (**B**). The finished attachment is shown below (**C**).

**A****B****C**

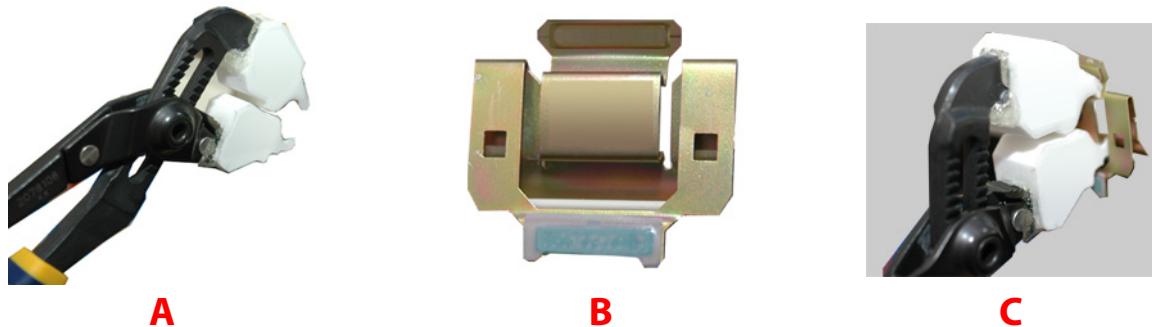
Note: The green area at the bottom of the ESL attachment is the bib sensor. Leaving this sensor exposed may damage it.

5. Line up grooves on back of the ESL with the attachment, and slide the ESL upwards until it clicks into place (**A**). The attached ESL is shown below (**B**).

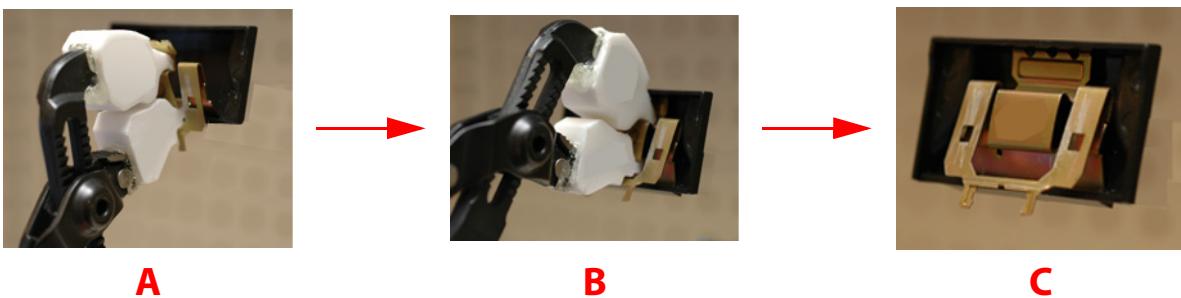


Hanging ESLs on Flat Surfaces

1. Peel covering from back of ESL holder (A), and secure holder to a flat surface.
OR
B: Use 2 screws (B) to secure holder to a flat surface.
2. Using Attach tool (A), take hold of the ESL attachment (B) by squeezing center section. (C)

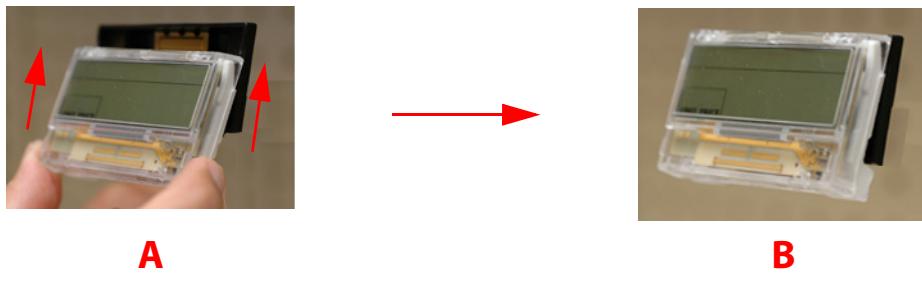


3. Insert the bottom of the ESL attachment into the flat-surface adaptor (A), then pivot tool upward to insert the top of the attachment (B). The finished attachment is shown below (C).



Note: The green area at the bottom of the ESL attachment is the bib sensor. Leaving this sensor exposed may damage it.

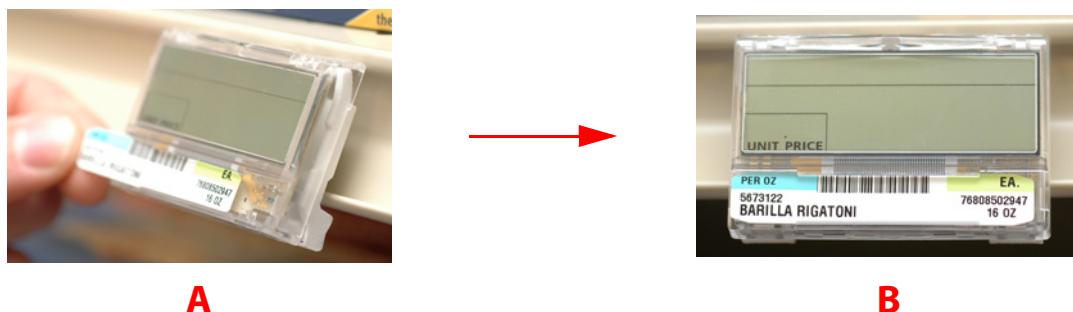
4. Line up grooves on back of the ESL with the attachment, and slide the ESL upwards until it clicks into place (**A**). The attached ESL is shown below (**B**).



Initializing Items/Printing Labels

With the ESLs hanging on the appropriate shelves, you are ready to initialize items.

1. On the laptop computer, select one of the following modes:
 - **Print mode:** Prints a label for the ESL. Choose this mode if the item is already entered in the system, but a new label is needed.
 - **Initialize only:** Adds item information to the ESL system, but does not print a label.
 - **Print and initialize:** Adds item information to the system and prints ESL label.
2. Using the scanner, scan the UPC on the product, or, if a sticker shelf-label is attached to the shelf, scan the PLU/SKU number on the sticker.
3. If using Print mode or Print and Initialize mode, retrieve insert from printer, and Slide insert into the track at the bottom of the ESL (**A**) until it is aligned under the ESL (**B**).



4. Place the top of the Initializer against the bottom of the ESL. A dollar sign symbol (\$) on the ESL will blink when it is successfully communicating with the ESL server.

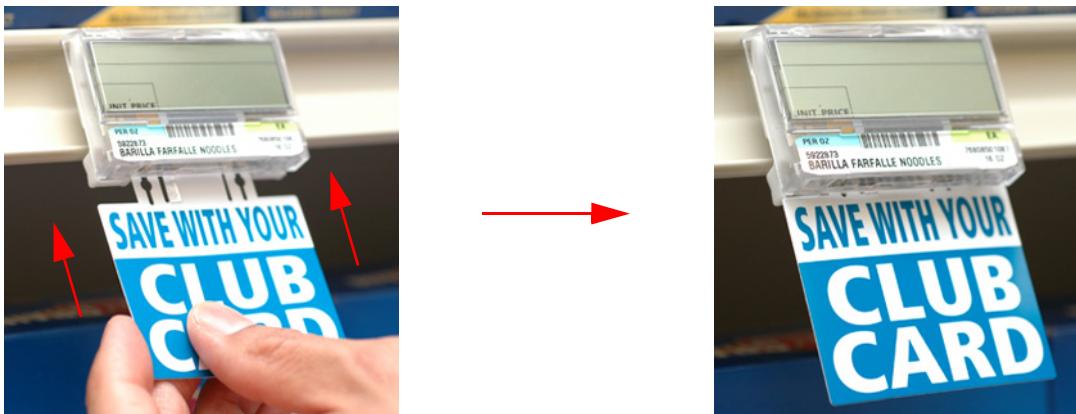


5. Using the scanner, scan insert that you just printed.
6. LEDs on the Initializer will activate. When the right LED turns green, initializing is complete.



Attaching Bibs to ESLs

1. Align the top tab of the pre-printed bib with the holes on the bottom of the ESL (**A**).
2. Slide bib upward until it is firmly attached (**B**).

**A****B**

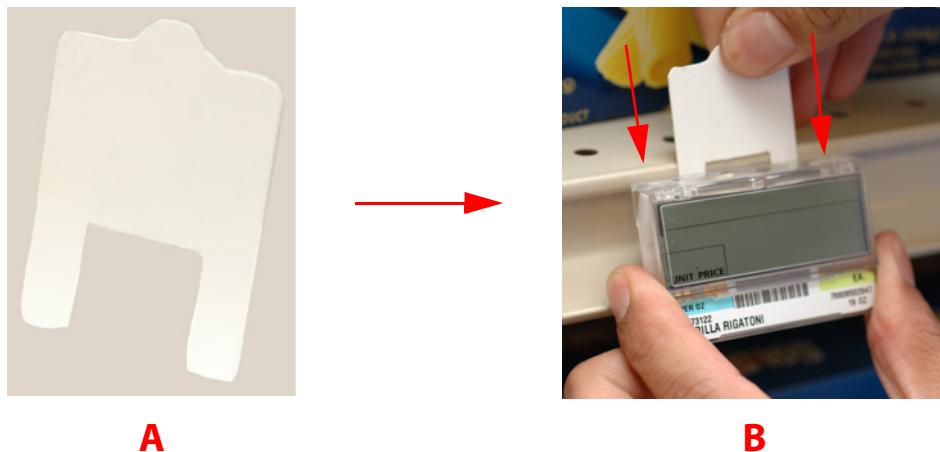
Removing ESLs

To remove ESLs from shelves, scan-hook adaptors, flat surface adaptors, you will need the Removal tool. You should not attempt to shift or remove the ESLs without the tool.

Caution: Attempting to shift or remove the ESL without the Removal tool will damage the ESL.

To remove an ESL:

1. Working from the top, align the prongs of the Removal tool (**A**) with the grooves in the back of the ESL. Slide the prongs downward, behind the ESL (**B**).

**A****B**

2. Pull downward on ESL to remove.



Chapter 3

The Home Page

In This Chapter

- Overview
- System and Status Summary
- Manager To-Do List
- Tasks and Updates Summary

Overview

System Status Summary

	Total ESLs Deployed	31
	ESL Warnings	0
	ESL Critical Alerts	0
	ESLs Showing Operational Display	0
	ESLs with Button Enabled	0
	System Warnings	0
	System Critical Alerts	0
	ESLs with Operational LED Activated	0

Manager To-Do List

	Print Inserts for new Items in Update	1
--	---------------------------------------	---

Tasks and Updates Summary

Incomplete Assigned Tasks	0	Future Price Updates	0
0 - 12hrs	0	Pending Bib Action Price Updates	0
12 - 24hrs	0	Price Updates in Progress	1
24+ hrs	0	Files processed in the last 24 hours	1
		Prices updated in the last 24 hours	0

The Home Page is your window into the ESL Server. From here, you can make sure the system is running correctly, identify any outstanding tasks that need to be completed, and view price update information.

As shown in the image above, the Home page is separated into three sections:

- System Status Summary
- Manager To-Do List
- Tasks and Update Summary

These sections are described in detail below.

System and Status Summary

The **System and Status Summary** provides important information about the ESLs in your store and about your store's ESL system as a whole.

The stop light located on the left side of the screen tells you at a glance whether everything in the system is running properly, or if anything needs your attention.

A green light indicates:



- All system components are operational; no ESL warnings or alerts are present.

A yellow light indicates:



- Non-critical ESL or system warnings are present. These warnings need your attention.

A red light indicates:



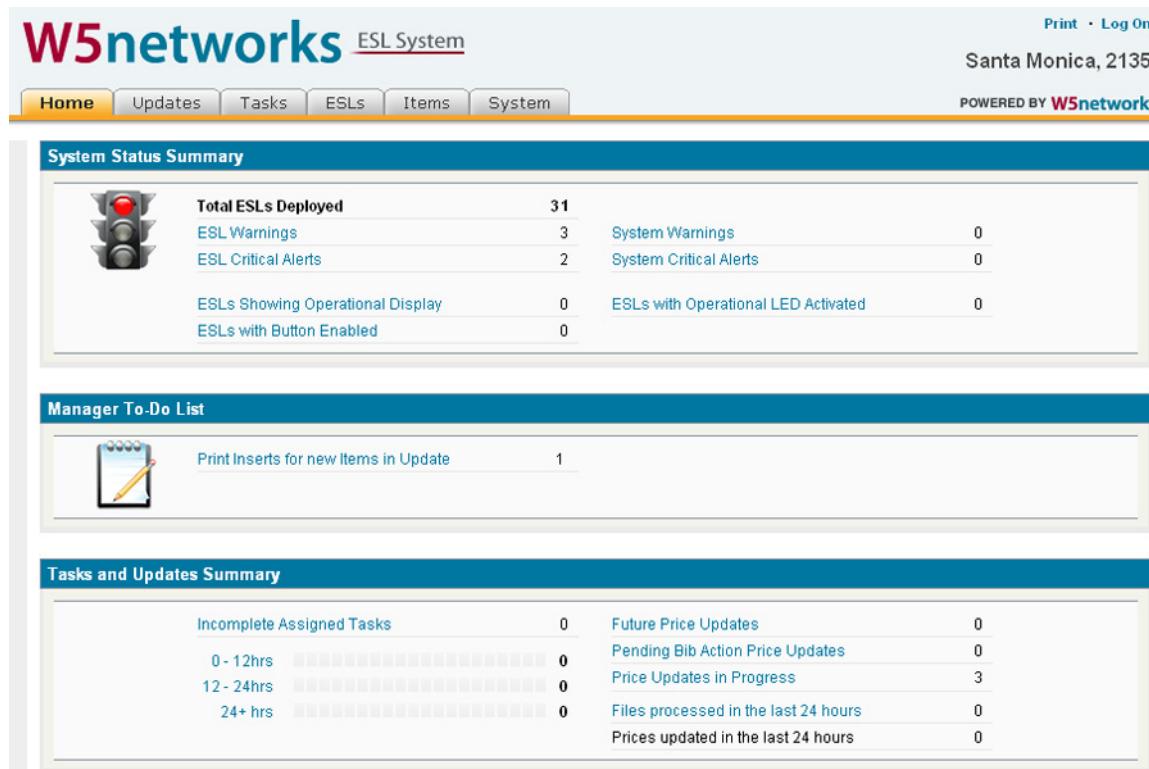
- Critical ESL or System alerts are present. These alerts need your immediate attention.

The following information, warnings, and alerts appear on the System and Status Summary:

- **ESL Warnings:** A warning is triggered, for instance, if a bib is missing or needs to be replaced, if an ESL is missing or needs to be replaced, or if an ESL is not communicating.
- **ESL Critical Alerts:** A critical alert is triggered if a price on an ESL does not match the price found in the ESL Server.
- **System Warnings:** A system warning is triggered if a promotion that has been sent by the corporate office is not recognized by the ESL Server.
- **System Critical Alerts:** A system critical alert is triggered if the Access Point is not communicating with ESLs or if a price update file fails to process.

The number to the right of each warning/alert indicates how many of that type of warning/alert are present (if any). When a number other than 0 is displayed, click on the warning/alert type for more detailed information about it.

For example, imagine that the following were displayed on the Home Page:



The screenshot shows the W5networks ESL System Home Page. At the top, there is a navigation bar with links for Home, Updates, Tasks, ESLs, Items, and System. On the right, there are links for Print and Log On, and the location is listed as Santa Monica, 2135. Below the navigation bar, there is a "POWERED BY W5networks" logo. The main content area is divided into three sections: "System Status Summary", "Manager To-Do List", and "Tasks and Updates Summary".

System Status Summary

Total ESLs Deployed		31	
ESL Warnings	3	System Warnings	0
ESL Critical Alerts	2	System Critical Alerts	0
ESLs Showing Operational Display	0	ESLs with Operational LED Activated	0
ESLs with Button Enabled	0		

Manager To-Do List

Print Inserts for new items in Update		1
		

Tasks and Updates Summary

Incomplete Assigned Tasks		0	Future Price Updates	0
0 - 12hrs		0	Pending Bib Action Price Updates	0
12 - 24hrs		0	Price Updates in Progress	3
24+ hrs		0	Files processed in the last 24 hours	0
			Prices updated in the last 24 hours	0

Note that the stoplight is red, a number 3 appears next to “ESL Warnings,” and a number 2 appears next to ESL Critical Alerts. These indicators tell you that there are three ESL Warnings and two Critical Alerts to view, and that the system needs immediate attention.

Note: Until alerts/warnings are corrected, a “System Critical” message will appear on every page of the Web interface.

Clicking on either the “ESL Warnings” or the “ESL Critical Alerts” link will bring you to the **ESL Warning** page, where you can view details about the warnings and alerts.

For more information on ESLs, including ESL warnings and alerts, see “[Viewing ESL Warnings and Alerts](#)” on page 51.

Manager To-Do List

The Manager To-Do list of is a list of tasks created automatically by the system or by files sent by the corporate office. Tasks found in the Manager To-Do List may include:

- Print inserts for new items in a price update
- Attach bibs
- Remove bibs

To view more information about an item in the list, click on the item name. You will be redirected to the either the appropriate tab, where you can complete the task, view further information about it, or assign it to other store associates.

Tasks and Updates Summary

The Tasks and Updates Summary contains two sections:

- **Incomplete Assigned Tasks:** A list of tasks that are assigned to store associates for completion, but that have not yet been completed. These tasks are organized by the number of hours since the task was assigned. To learn more about these tasks, click on the appropriate link. You will be redirected to the **Tasks** tab, where more detailed information is available. See ["Chapter 5: Overview" on page 37](#) for more information on the **Tasks** tab.
- **Price/Bib Tasks:** A list of price update and bib-related tasks generated by the system based on the price update file sent from the corporate office. These tasks include:
 - *Future Price Updates:* Price updates that have been imported into the ESL system but that have not yet taken effect. To learn more about these updates, click on the link. You will be redirected to the **Items** tab, where more detailed information is available. See ["Chapter 7: Overview" on page 57](#) for more information on the **Items** tab.
 - *Pending Bib Action Price Updates:* Price updates that have been imported into the ESL system and will require the attachment or removal of bibs before they take effect. To learn more about these updates, click on the link. You will be redirected to the **Tasks** tab, where more detailed information is available. See ["Chapter 5: Overview" on page 37](#) for more information on the **Tasks** tab.
 - *Price Updates in Process:* Price updates that are being transferred to ESLs in the store. To learn more about these updates, click on the link. You will be redirected to the **Items** tab, where more detailed information is available. See ["Chapter 7: Overview" on page 57](#) for more information on the **Items** tab.
 - *Files processed in the last 24 hours:* The number of update files imported into the system in the previous 24 hours. To learn more about these files, click on the link. You will be redirected to the **Updates** tab, where more detailed information is available. See ["Chapter 7: Overview" on page 57](#) for more information on the **Items** tab.
 - *Prices updated in the last 24 hours:* The number of prices that have been affected by the update files imported into the system in the last 24 hours.

Chapter 4

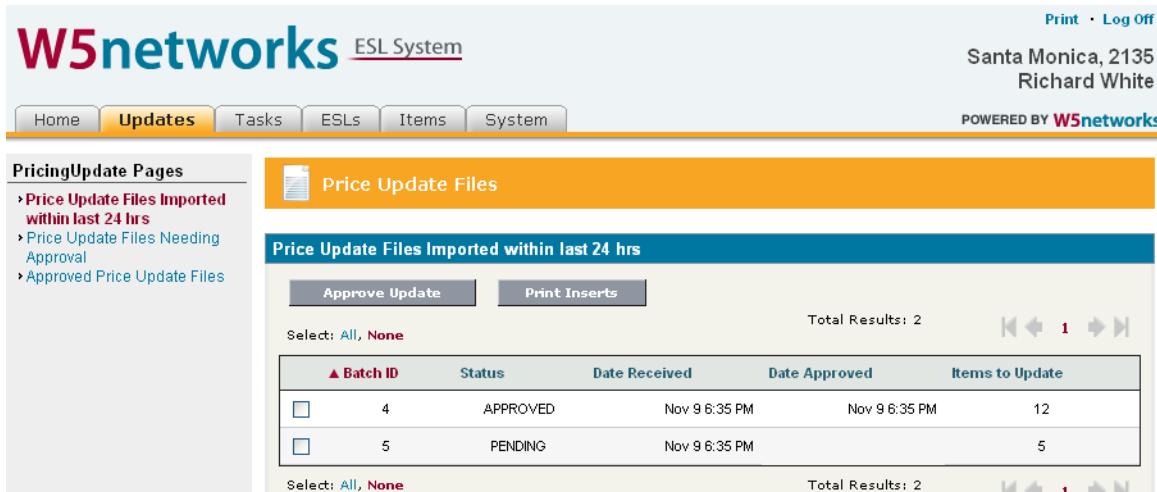
Price Updates

In This Chapter

- Overview
- Approving a Price Update
- Reviewing a Price Update
- Printing Inserts for New Items
- Printing List of Price Updates

Overview

Price updates are generated by the corporate office and sent automatically to stores. When the corporate office sends a new price update file, it may be processed automatically at a time specified by the corporate office, or you may need to approve it before it is processed. When the file is processed, ESLs located in your store are updated. You may also need to print ESL inserts for any new items contained in the update file and attach or remove promotional bibs.



W5networks ESL System

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Richard White

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Home Updates Tasks ESLs Items System

PricingUpdate Pages

Price Update Files

Price Update Files Imported within last 24 hrs

Batch ID	Status	Date Received	Date Approved	Items to Update
4	APPROVED	Nov 9 6:35 PM	Nov 9 6:35 PM	12
5	PENDING	Nov 9 6:35 PM		5

Select: All, None

Total Results: 2

Approve Update Print Inserts

Select: All, None

Total Results: 2

Note: When new updates are available, you will see a notice on the **Home** page's Manager To-Do List. Click on the notice to reach the **Updates** tab.

When you first click on the **Updates** tab, you see a list of all price updates imported within the previous 24 hours on the main area of the screen. The navigation window also displays categories of price updates available: price updates that need approval, or already-approved price update files.

Depending on your store set-up, do one of the following:

- If price updates in your store are processed automatically, skip to “[Reviewing a Price Update](#)” on page 31 or to “[Printing Inserts for New Items](#)” on page 34.
- If you must approve price updates before they are processed, proceed to “[Approving a Price Update](#)” on page 30.

Approving a Price Update

Price updates needing approval are found on either the “Price Updates Imported within last 24 Hrs” page or the “Price Updates Needing Approval” page.

To approve a price update without reviewing it, follow the instructions below. If you want to review the price update before approving it, see “[Reviewing a Price Update](#)” on page 31.

1. Click on the **Updates** tab.
2. Make sure that either the “Price Updates Imported within last 24 Hrs” link in the navigation window is red, indicating that you are viewing this page. If this link is not red, click on it to select it.
3. If one or more update files are listed in the “Price Update Files” window, select one or more of them by placing check marks in the boxes to the left of their Batch IDs, or by clicking “All.” If no updates are listed, proceed to step 5 below.
4. Click the **Approve Update** button.

The price update file(s) will be processed.

Batch ID	Status	Date Received	Date Approved	Items to Update
4	APPROVED	Nov 9 6:35 PM	Nov 9 6:35 PM	12
5	PENDING	Nov 9 6:35 PM		5

5. Click on the “Price Updates Needing Approval” link in the navigation window.
6. If one or more update files are listed in the “Price Update Files” window, select them by placing check marks in the boxes to the left of their Batch IDs, or by clicking “All.”
7. Click the **Approve Update** button.

The price update file(s) will be processed.

Price Update Files

Price Update Files Needing Approval

Batch ID	Status	Date Received	Date Approved	Items to Update
31	PENDING	Sep 3 12:32 PM		12

Note: After you approve a price update, the Manager's To-Do List on the **Home** tab will be updated to include any new tasks associated with the update (printing inserts for new items, attaching bibs, or removing bibs). Printing inserts for new items is described later in this chapter. Completing bib-related tasks is discussed in "Chapter 5: Overview" on page 37.

Additionally, information related to price updates in the Tasks and Updates Summary on the **Home** tab will be automatically updated as well.

As update files are processed, they are removed from the lists on the "Price Updates Imported within last 24 Hrs" page and the "Price Updates Needing Approval" page, and added to the list on the "Approved Price Update Files" page. You can review processed files by clicking on the "Approved Price Update Files" link in the navigation window. (See "Reviewing a Price Update" on page 31 for more information on reviewing price update files.)

8. Proceed to "Printing Inserts for New Items" on page 34.

Reviewing a Price Update

You can review price updates found in the "Price Updates Imported within last 24 Hrs" page, the "Price Updates Needing Approval" page (if updates must be approved before processing), or the "Approved Price Update Files" page.

If you do not want to review the price updates, skip to "Printing Inserts for New Items" on page 34.

To review a price update file:

1. Click on the **Updates** tab.
2. Select the appropriate link in the navigation window to view the update you would like to review. If updates are available for review, the screen will display the following.

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Home Updates Tasks ESLs Items System

PricingUpdate Pages

- Price Update Files Imported within last 24 hrs
- Price Update Files Needing Approval
- Approved Price Update Files

Price Update Files

Price Update Files Imported within last 24 hrs

Approve Update Print Inserts Total Results: 2

Select: All, None

Batch ID	Status	Date Received	Date Approved	Items to Update
4	APPROVED	Nov 9 6:35 PM	Nov 9 6:35 PM	12
5	PENDING	Nov 9 6:35 PM		5

Total Results: 2

3. In the list of updates, click anywhere in the row containing the update file you would like to review.

The screen will update to the following, and the contents of the update file will be displayed for your review.

The screenshot shows the WSnetworks ESL System interface. The top navigation bar includes links for Home, Updates (which is the active tab), Tasks, ESLs, Items, and System. A 'Log Off' link is in the top right. The main content area has a header 'Price Update Files'. Below it is a 'Price Update Summary' section with a table showing the following data:

Batch ID	3	Price Updates Completed	0
Total Number of Items	12	Price Updates Remaining	12
Updates to existing ESLs	12		
Updates requiring new ESLs	0		

Below this is a 'Refresh Summary' button. The main content area also includes a 'Items' section with a table showing 12 results. The columns are: Product, Product Size, Regular Price, Sale Price, Start Date, End Date, Department Category, Promotion, and Bib Required. The items listed are:

Product	Product Size	Regular Price	Sale Price	Start Date	End Date	Department Category	Promotion	Bib Required
KLEENEX LOTION ALOE & E TISSUE 1262025	130 CT	\$2.29	\$1.50	Sep 7 1:22 PM	Sep 1 12:00 PM	1 35	nfor_led	No
PEPSI 2 LITER BOTTLE 1361178	2 LT	\$1.59	N/A	Sep 7 1:22 PM	Sep 1 12:00 PM	1 10	nforonlimit	Yes
PEPSI FRIDGE MATE 151282	12/12 PK	\$4.99	\$3.99	Sep 7 1:22 PM	Sep 1 12:00 PM	1 10	centsoff_bib	Yes
DIET MOUNTAIN DEW 1694072	12/12 PK	\$4.99	N/A	Sep 7 1:22 PM	Sep 1 12:00 PM	1 10	everyday	No
LEAN CUISINE SESAME CHICKEN 2238847	9 OZ	\$2.19	\$1.79	Sep 7 1:22 PM	Sep 1 12:00 PM	50 87	centsoff_led	No
CAPN CRUNCH PEANUT BUTTER CEREAL 3100848	14 OZ	\$5.20	\$5.20	Sep 7 1:22 PM	Sep 1 12:00 PM	1 20	bogo_led	No
LIFE CEREAL 3146903	15 OZ	\$4.73	\$2.50	Sep 7 1:22 PM	Sep 1 12:00 PM	1 20	nforonlimit	Yes
HONEY GRAHAM OHS CEREAL 3419811	12 OZ	\$2.99	\$1.99	Sep 7 1:22 PM	Sep 1 12:00 PM	1 20	percentoff	No
CAPN CRUNCH CEREAL 4807742	16 OZ	\$5.20	\$5.20	Sep 7 1:22 PM	Sep 1 12:00 PM	1 20	bogo_led	No
GENERAL MILLS TRIX CEREAL 6032169	17 OZ	\$5.99	\$5.69	Sep 7 1:22 PM	Sep 1 12:00 PM	1 20	centsoff_led	No

- Review the Price Update Summary. This summary contains:
 - The total number of items included in the update
 - The number of updates to existing ESLs
 - The number of updates requiring new ESLs
 - The number of price updates completed. (Note that this number will always be 0 if you are reviewing a *new* price update. If you are reviewing a price update that has already been approved, the number may be larger than 0.)
 - The number of price updates pending. (Note that this value will always be the total number of items included in the price update if you are reviewing a new price update. If you are reviewing a price update that has already been approved, the number may be fewer than the total of new items.)
- Review the Item list. You can sort this list and/or view details about a particular item.

- a. To sort the list, click on the appropriate heading of the item list. Sort the Item list by any of the following:
 - Product name
 - SKU number
 - Department
 - Category
 - Promotion type
 - Bib Action Required
- b. View details about a particular item by clicking anywhere in the row containing the item. Detailed information about the item will be displayed. See ["Chapter 7: Overview" on page 57](#) for more information about the item information displayed.
- c. To return to the update file, click your browser's **Back** button.
6. If the update file needs approval, click the **Approve Update** button at the top of the page.
7. Proceed to ["Printing Inserts for New Items" on page 34](#).

Printing Inserts for New Items

Whether a price update has been approved by you, approved by another store manager, or automatically processed, you may need to print ESL inserts for new items contained in it. To print inserts:

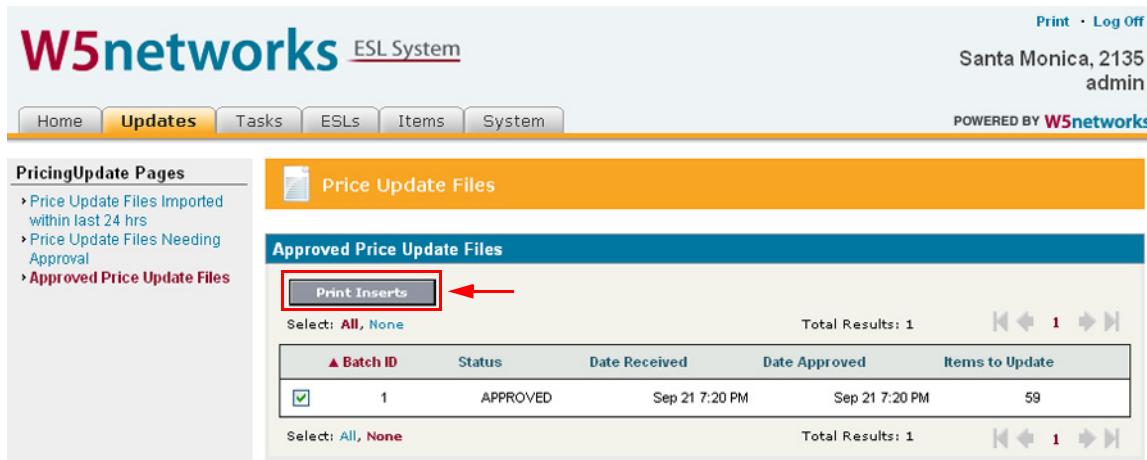
1. Click on the **Updates** tab.
2. Select the appropriate link in the navigation window to find the file requiring inserts. If inserts are required, a **Print Inserts** button will be visible. If a **Print Inserts** button is not visible, no inserts are needed.

Note: *When new inserts are needed, a message will appear in the Manager's To-Do List on the **Home** tab. Click on the link to find the files that require new inserts.*

3. Place a check mark in the rows containing price update for which you would like to print inserts.
4. Click the **Print Inserts** button at the top of the page. Inserts required for all checked update files will be sent to the printer.

Note: *See [Load Inserts into Printer](#) for setup information.*

5. Refer to [Initialization Items/Printing Labels](#) for information on initializing an ESL.



The screenshot shows the W5networks ESL System interface. At the top, there is a navigation bar with links for Home, Updates (which is the active tab), Tasks, ESLs, Items, and System. On the right side of the header, there are links for Print and Log Off, and the text "Santa Monica, 2135 admin". Below the header, it says "POWERED BY W5networks".

The main content area is titled "Price Update Files" and "Approved Price Update Files". A red box highlights the "Print Inserts" button. The table below shows one approved price update file with the following details:

Batch ID	Status	Date Received	Date Approved	Items to Update
1	APPROVED	Sep 21 7:20 PM	Sep 21 7:20 PM	59

At the bottom of the table, it says "Select: All, None" and "Total Results: 1".

Printing List of Price Updates

At times, you may choose to print a list of price updates that have occurred. This would be helpful, for instance, if you are doing a store audit, comparing ESLs to information in the system to verify accuracy.

To print a list of price updates, click on the Approved Price Update Files link in the navigation window. With the list of approved price update files displayed, click on the Print link at the top right of the page.

Chapter 5

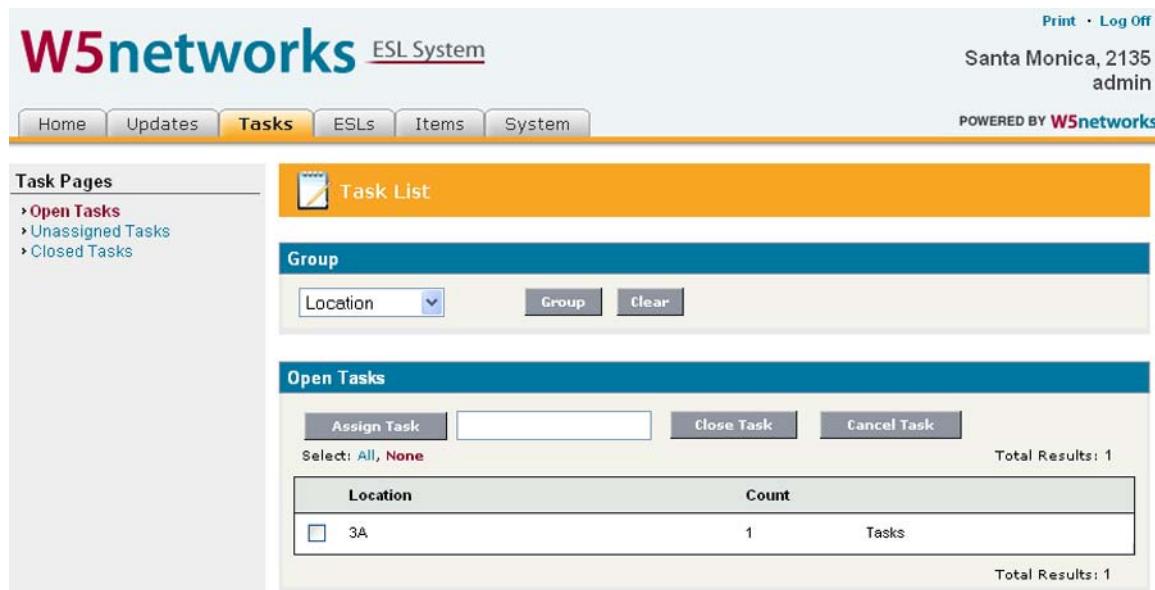
Tasks

In This Chapter

- Overview
- Grouping Tasks
- Using the Task List
 - Assigning, Closing, Canceling, and Printing Tasks
 - Using the Task Details Page
 - Printing a List of Assigned Tasks by Employee

Overview

The **Tasks** tab gives you access to information about tasks that have been assigned or need to be assigned to store associates for completion. You can view and assign individual or groups of tasks from this tab.



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Task Pages

> Open Tasks
> Unassigned Tasks
> Closed Tasks

Task List

Group

Location

Open Tasks

Assign Task Close Task Cancel Task

Select: All, None Total Results: 1

Location	Count	Tasks
3A	1	

Total Results: 1

Note: When new tasks are imported, you will see a notice on the **Home** page's Manager To-Do List. Click on the notice to reach the **Tasks** tab. Once the task is assigned, the Home page's Updates and Task Summary displays the number of tasks assigned. Click on the hours since the task was assigned to reach the **Tasks** tab.

As shown in the image above, when you first click on the **Tasks** tab, you will be taken to the “Open Tasks” page, as indicated by the red link in the navigation window. A list of all tasks sorted by location is displayed on the main area of the screen. The navigation window also displays links for “Unassigned Tasks” and “Closed Tasks.”

Each page of the **Tasks** tab contains two sections:

- Group: Allows you to sort tasks into logical groups; this makes it easier to manage groups of similar tasks or to find information about particular tasks. See “[Grouping Tasks](#)” on page 38.
- Task List: A list of all Tasks, displayed according to the selection made in the Group section. From this list, you can manage tasks or access more detailed information about them. “[Using the Task List](#)” on page 39.

Grouping Tasks

1. Click on the **Tasks** tab.
2. Click on the link in the navigation window for the page of tasks that you want to group: “Open Tasks,” “Unassigned Tasks,” or “Closed Tasks.” The link will turn red when you are viewing the page. If the desired link is not red, click on it to select it.
3. From the drop-down menu under the “Group” heading, select how you would like to group the Tasks (by location, by department, promotion, or task type) and click **Group**.

Tasks Grouped by Location

Tasks Grouped by Department

Tasks Grouped by Task Type

Tasks Grouped by Bib Type

Tasks Grouped by Promotion Type

Note: When grouping by department, you may also specify a department number and category. This option is not available in all environments.

4. To ungroup the Tasks, click **Clear**.

Using the Task List

The tasks in the Task List are displayed according to the selection made in the Group drop-down menu. What you can do using the list varies according to which page you are viewing:

- From the “Open Tasks” page, you can use the Task List to:
 - Assign, close, or cancel tasks
 - View more detail about a task
 - Print task results
- From the “Unassigned Tasks” page, you can use the Task List to:
 - Assign or cancel tasks
 - View more detail about a task
 - Print task results
- From the “Closed Tasks” page, you can use the Task List to:
 - View more detail about a task

Assigning, Closing, Canceling, and Printing Tasks

1. In the Task List, place check marks in the row(s) containing the task(s) you’d like to assign, close, or cancel. You can select only one task, several tasks, or all tasks in the list, depending on your needs.
2. Do one of the following:
 - Assign the task: In the empty space next to the **Assign Task** button, enter the name of the store associate or department to whom you wish to assign the task(s). Place a check mark next to **Print Results** if you want to print the results of this action, and then click **Assign Task**.
 - Close the task: When a task is complete, place a check mark next to **Print Results** if you want to print the results of this action, and then click **Close Task**.
 - Cancel the task: If a task is not valid and should not be completed, place a check mark next to **Print Results** if you want to print the results of this action, and then click **Assign Task**.

Caution: Once a task has been closed or canceled, it cannot be re-opened. To recreate the task, the corporate office will have to resend an update file.

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Task Pages
 ▶ Open Tasks
 ▶ Unsigned Tasks
 ▶ Closed Tasks

Task List

Group

Location Group Clear

Open Tasks

Assign Task Dave Close Task Cancel Task Print Results Total Results: 3

Select: All, None

Location	Count	Task(s)
<input checked="" type="checkbox"/> 3B	1	Task(s)
<input checked="" type="checkbox"/> 4	1	Task(s)
<input type="checkbox"/> 5	2	Task(s)

When tasks are assigned, they are placed on the “Open Tasks” page. When they are closed, they are moved to the “Closed Tasks” page.

Note: *The number of open assigned tasks also appears on the Home page’s Tasks and Updates Summary, displayed according to how long the task has been pending. Click on the hours pending links to view the tasks in those groups, or click on **Incomplete Assigned Tasks** to access the “Open Tasks” page.*

Using the Task Details Page

1. In the Task List, click anywhere in the row containing the task you’d like to view. The tasks contained in that row will be displayed. For instance, if row three in the image above were selected, the following would be displayed:

The screenshot shows the 'Task List' page of the W5networks ESL System. The page has a header with the W5networks logo and 'ESL System'. It includes a 'Print' and 'Log Off' link, the location 'Santa Monica, 2135 User System', and a 'POWERED BY W5networks' link. A navigation bar at the top includes 'Home', 'Updates', 'Tasks' (which is selected), 'ESLs', 'Items', and 'System'. On the left, a 'Task Pages' sidebar lists 'Open Tasks', 'Unassigned Tasks', and 'Closed Tasks'. The main content area is titled 'Task List' and 'Group'. It features a 'Location' dropdown, 'Group' and 'Clear' buttons. Below this is the 'Unassigned Tasks' section, which includes 'Assign Task' and 'Cancel Task' buttons, a 'Print Results' checkbox, and a 'Total Results: 2' label. A navigation bar at the bottom of the list shows 'Total Results: 2' and page navigation arrows. The table lists two tasks:

Status	Comments	Assigned to	Product SKU	Product Size Location	Department Category	Due Date
Open (Unassigned)	Attach Bib To ESL		PEPSI 2 LITER BOTTLE 1361178	2 LT 5	1 10	
Open (Unassigned)	Attach Bib To ESL		PEPSI FRIDGE MATE 151282	12/12 PK 5	1 10	

2. Review that Task list. You can sort this list and/or view details about a particular task. Each entry in this list contains the following information:

- Status
- Comments
- Assigned To
- Product
- SKU
- Product Size
- Location
- Department
- Category
- Due Date

Note: To sort the list by status, Assigned to, Product, SKU, Location, Department, Category, or Due Date, click on the desired heading at the top of the list.

3. Click anywhere in the row containing the task you want to view in more detail. The screen will update to the following:

W5networks ESL System

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Home Updates **Tasks** ESLs Items System

Task Pages

- Open Tasks
- Unassigned Tasks
- Closed Tasks

Task List

Tasks

Product	PEPSI FRIDGE MATE	Status	Open (Unassigned)
SKU	151282	Assigned to	
Department	1	Assigned Date	
Category	10	Task ID	5
Location	5	Creation Date	Oct 20 8:06 AM
Device Id	00000B	Due Date	
Task Type	Tag Attach Bib	Closed Date	
Comments			
Attach Bib To ESL			

4. Review the task details. The following information is displayed:

- Product name
- SKU
- Department
- Category
- Location
- Device ID
- Task Type
- Comments
- Status: Open (Unassigned), Open (Assigned), or Closed
- Assigned To: If not assigned, this field will be blank.
- Assigned Date: If not assigned, this field will be blank
- Creation Date
- Due Date: If due date has not been specified, this field will be blank.
- Close Date: If task is open, this field will be blank.

5. Do one of the following:

- Assign the task: In the empty space next to the **Assign Task** button, enter the name of the store associate or department to whom you wish to assign the task(s).
- Close the task: Click the **Close Task** button.
- Cancel the task: Click the **Cancel Task** button.

Note: *For more information on the ESL associated with this task, click on the Device ID number. You will be redirected to the detail page for that ESL on the ESL tab. See "Chapter 6: Overview" on page 45.*

Printing a List of Assigned Tasks by Employee

You may print a list of tasks that have been assigned to each employee.

Chapter 6

ESLs

In This Chapter

- [Overview](#)
- [Browse ESLs](#)
 - [Grouping ESLs](#)
 - [Using the ESL List](#)
- [Viewing ESL Warnings and Alerts](#)
 - [Grouping Warnings/Alerts](#)
 - [Reviewing the Warnings/Alerts List](#)

Overview

The ESL tab gives you access to information about any ESL in the store and allows you to control the behavior of ESLs. You can manage individual or groups of ESLs or view the operational setting and statistics for a particular ESL.

The screenshot shows the W5networks ESL System interface. At the top, there is a navigation bar with links: Home, Updates, Tasks, **ESLs**, Items, and System. The **ESLs** tab is highlighted. On the right side of the header, there are links for Print, Log Off, and the location Santa Monica, 2135 User System. Below the header, it says POWERED BY **W5network**. The main content area has a title **ESL Pages** with a link to **Browse ESLs** and **ESL Warnings and Alerts**. Below this is a **Group** section with a dropdown menu for Location, a **Group** button, and a **Clear** button. The main table is titled **All ESLs** and includes a dropdown menu for **Enable Button** and a **Go** button. It shows a total of 8 results. The table has columns for **Location** and **Count**. The data is as follows:

Location	Count	
1A	11	ESL(s)
1B	13	ESL(s)
2	4	ESL(s)
3A	9	ESL(s)
3B	7	ESL(s)
4	4	ESL(s)
5	10	ESL(s)
6	1	ESL(s)

Total Results: 8

As shown in the image above, when you first click on the **ESLs** tab, you will be taken to the “Browse ESLs” page, as indicated by the red link in the navigation window. A list of all ESLs sorted by location is displayed on the main area of the screen. The navigation window also displays a link for “ESL Warnings and Alerts.”

The following sections describe these pages.

Browse ESLs

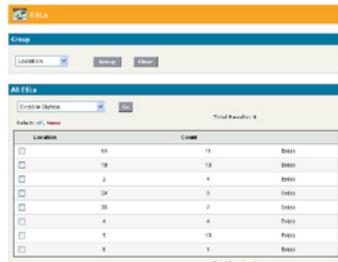
The “Browse ESLs” page contains two sections:

- **Group:** Allows you to sort ESLs into logical groups; this makes it easier to manage groups of similar ESLs or to find information about a particular ESL. See “[Grouping ESLs](#)” on page 46.
- **ESL List:** A list of all ESLs in the store, grouped according to the selection made in the Group section. From this list, you can manage a group of ESLs or access more detailed information about the both the group and individual ESLs within it. “[Using the ESL List](#)” on page 47.

Grouping ESLs

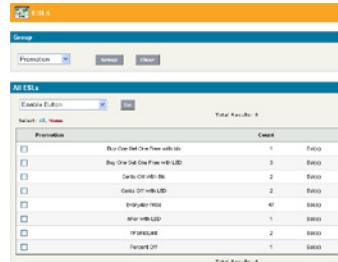
1. Click on the **ESLs** tab.

2. Make sure that the “Browse ESLs” link in the navigation window is red, indicating that you are viewing this page. If this link is not red, click on it to select it.
3. From the drop-down menu under the “Group” heading, select how you would like to group the ESLs (by location, by department, by promotion code, or by bib type) and click **Group**.



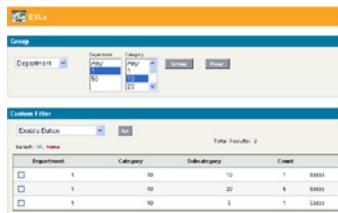
Location	Count
1A	11
1B	12
2	4
3A	0
3B	7
4	4
5	10
6	1

ESLs Grouped by Location



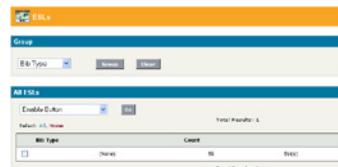
Promotion	Count
Buy One Get One Free with LED	1
Buy One Get One Free with LED	3
Carbo Click with LED	2
Carbo Click with LED	2
Employee LED	47
Star with LED	1
TFP LED	2
Fluorite LED	1

ESLs Grouped by Promotion



Department	Category	Subcategory	Count
10	10	10	1
10	10	20	6
10	10	30	1

ESLs Grouped by Department



Bib Type	Count
(None)	80
Bib	16

ESLs Grouped by Bib Type

Note: When grouping by department, you may also specify a department number and category. This option is not available in all environments.

4. To ungroup the ESLs, click **Clear**.

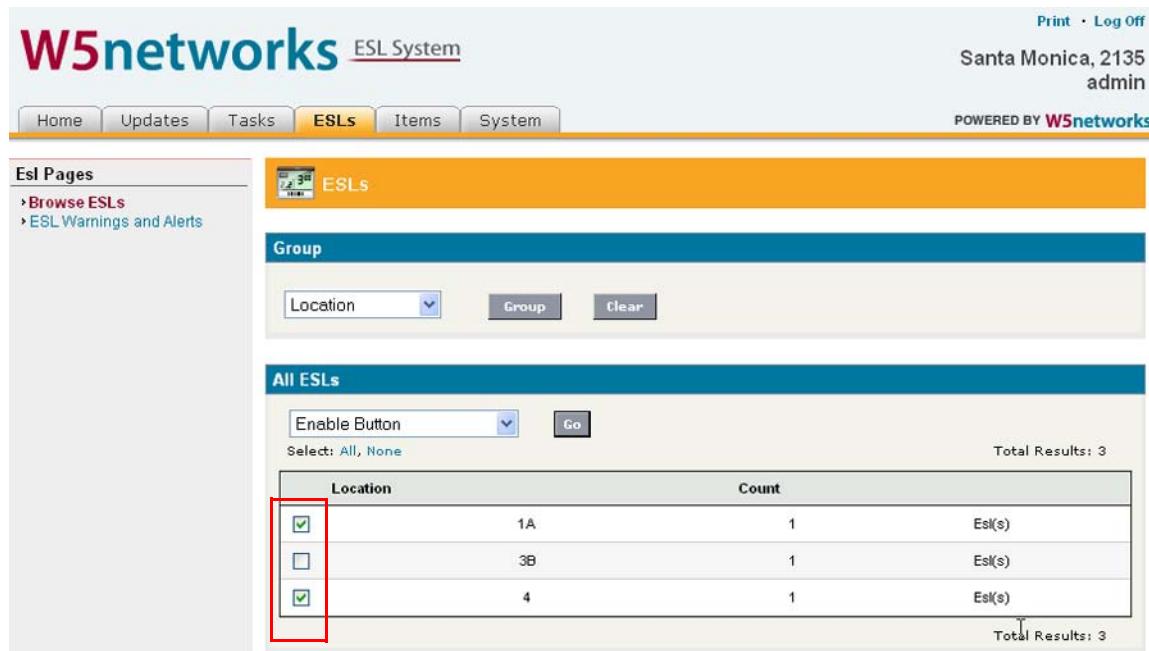
Using the ESL List

The ESLs in the ESL list are grouped according to the selection made in the Group drop-down menu. Using the list, you can:

- Manage group(s) of ESLs
- View more detail about a group of ESLs/individual ESLs

Manage Group(s) of ESLs

1. Place check marks in the rows containing the ESL groups you'd like to manage. You can select only one group, or many groups, depending on your needs.



The screenshot shows the W5networks ESL System interface. At the top, there are navigation links: Home, Updates, Tasks, **ESLs** (which is highlighted in yellow), Items, and System. On the right, there are links for Print, Log Off, and user information (Santa Monica, 2135, admin). Below the navigation, a sidebar on the left lists 'Esl Pages' with 'Browse ESLs' and 'ESL Warnings and Alerts'. The main content area is titled 'All ESLs'. It includes a dropdown menu 'Enable Button' with options 'All, None' and a 'Go' button. A table lists ESLs grouped by location:

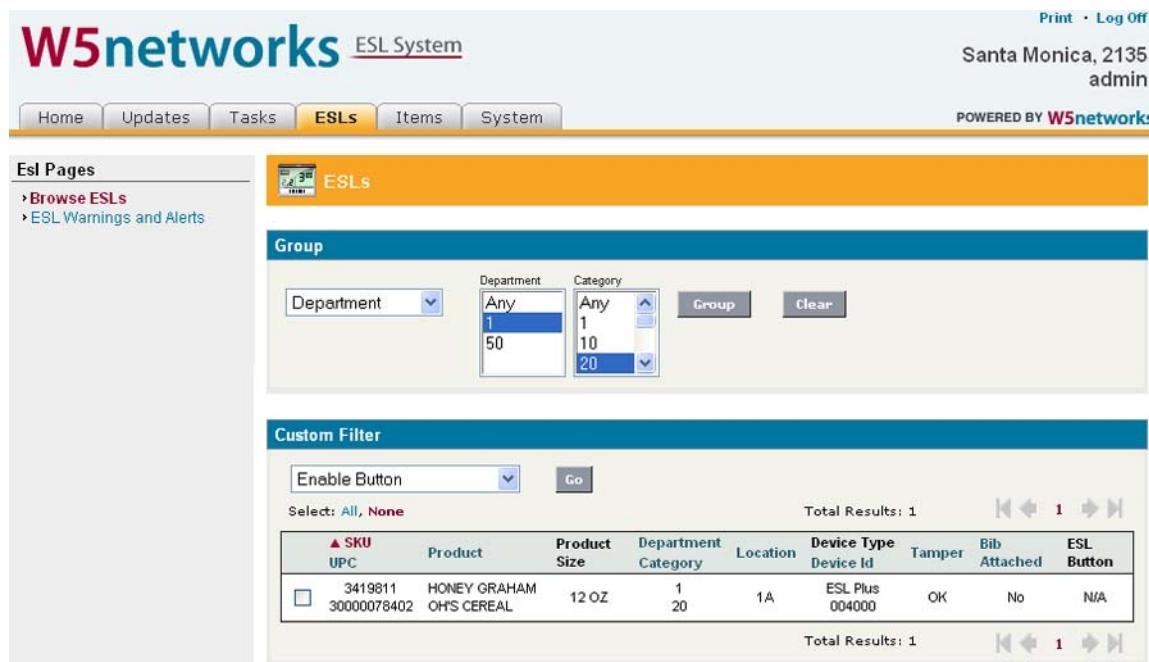
Location	Count	Actions
1A	1	Esl(s)
3B	1	Esl(s)
4	1	Esl(s)

Total Results: 3

- Use the drop-down menu to select an action to be applied to all ESLs in the selected group(s), and click **Go**:
 - Enable Button:** Enables the Operational Display button located on the ESL. When the button is enabled, a store associate can press it to switch between Operational and Normal ESL screens. When the button is disabled, pressing it has no effect.
 - Disable Button:** Disables the Operational Display button located on the ESL. When the button is enabled, a store associate can press it to switch between Operational and Normal ESL screens. When the button is disabled, pressing it has no effect.
 - Set Operational Display:** Turns on ESLs' operational display.
 - Clear Operational Display:** Returns ESLs' display to normal LCD view.
 - Set Operational LED:** Turns on the ESL's operational LED to direct store associates to that particular ESL in the aisle.
 - Clear Operational LED:** Turns off the ESL's operational LED.
 - Print Insert:** Prints ESL inserts for all ESLs in group(s).

View ESL Details

- Click anywhere in the row containing the group of ESLs you'd like to view. The screen will update to the following.



The screenshot shows the W5networks ESL System interface. At the top, there are links for Home, Updates, Tasks, ESLs (which is the active tab), Items, and System. On the right, there are Print and Log Off links, and the text "Santa Monica, 2135 admin". Below the menu, it says "POWERED BY W5networks". The main content area is titled "ESLs". It has a "Group" section with dropdown menus for Department (set to Any, with 1 and 50 selected) and Category (set to Any, with 1, 10, and 20 selected). Below this is a "Custom Filter" section with an "Enable Button" dropdown and a "Go" button. The results table has columns: SKU, UPC, Product, Product Size, Department Category, Location, Device Type, Tamper, Bib Attached, and ESL Button. The table shows one result: SKU 3419811 (HONEY GRAHAM), UPC 30000078402 (OHS CEREAL), Product Size 12 OZ, Department Category 1, Location 20, Device Type ESL Plus, Device ID 004000, Tamper OK, Bib Attached No, and ESL Button N/A. The total results are 1.

2. Review the ESL list. You can sort this list and/or view details about a particular item. Each entry in this list contains the following information:

- SKU number
- UPC
- Product name
- Product size
- Department
- Category
- Location
- Device Type
- Device ID
- Tamper: Displays “Yes” if ESL is not correctly attached to the shelf
- Bib Attached status
- ESL Button: Refers to the status of the Enable/Disable Button options described above.

Note: To sort the list by SKU, UPC, Product Name, Department, Category, Location, Device ID, Tamper, or Bib Attached, click on the desired heading at the top of the list.

3. View details about a particular ESL by clicking anywhere in the row containing the ESL. Detailed information and an image of the ESL will be displayed, as shown below.

Print • Log Off
Santa Monica, 2135
admin
POWERED BY **W5networks**

ESL Detailed View

ESL Information			
<input style="width: 150px; height: 20px; margin-bottom: 5px;" type="button" value="Enable Button"/> <input style="width: 50px; height: 20px;" type="button" value="Go"/>			
Product	HONEY GRAHAM OH'S CEREAL	Location	1A
ESL ID	2	Promotion Code	everyday
Last Checkin Time	Sep 22 7:43 AM	Device Type	ESL Plus
		Device Id	004000
Temperature	Pending	Temperature Reading Date	Sep 21 7:23 PM
Battery	OK	Battery Level Reading Date	N/A
Bib Attached	No	Bib Attached Reading Date	N/A
Tamper	No	Button Enabled Reading Date	N/A
ESL Button	Disabled	Last Display Update	Dec 31 4:00 PM
Signal Strength (RSSI)			

ESL Settings

Temperature Threshold (High)	36°F	Temperature Threshold (Low)	28°F
Temperature Reading Interval	1 hrs	ESL Integrity Check Interval	2 hrs
ESL Check-In Interval	0 min	Battery Reading Interval	5 hrs
Power Save Start Time	9:00 PM	Power Save End Time	6:00 AM

ESL Messages

Message ID	Severity	Time	Message
------------	----------	------	---------

ESL Pending Inquiries

Request ID	Request Type	Request Time
------------	--------------	--------------

Display

The display shows the following information:

- Price:** \$2.99
- Unit Price:** 249¢
- Barcode:** 3419811
- Item Name:** HONEY GRAHAM OH'S CEREAL
- Quantity:** 12 OZ
- Serial Number:** 30000078402

4. Review ESL information.

5. If desired, use the drop-down menu to select an action to be applied to this ESL only, and click **Go**:
 - **Enable Button:** Enables the Operational Display button located on the ESL. When the button is enabled, a store associate can press it to switch between Operational and Normal ESL screens. When the button is disabled, pressing it has no effect.
 - **Disable Button:** Disables the Operational Display button located on the ESL. When the button is enabled, a store associate can press it to switch between Operational and Normal ESL screens. When the button is disabled, pressing it has no effect.
 - **Set Operational Display:** Turns on ESL's operational display.
 - **Print Insert:** Prints an ESL inserts for this ESL.

Note: *For more information on the product associated with this ESL, click on the product name at the top of the page. You will be redirected to the Items tab. See "Chapter 7: Overview" on page 57.*

6. View the ESL image at the bottom of the screen to verify the price and promotion information displayed on the screen. This image displays the same information that is displayed on the actual ESL.
7. To return to the ESL group list, click your browser's **Back** button.

Viewing ESL Warnings and Alerts

The ESL Warnings and Alerts page displays essential information about malfunctioning, damaged, or missing ESLs. The page contains two sections:

- **Group:** Allows you to sort warnings/alerts into logical groups. See "["Grouping Warnings/Alerts" on page 52.](#)
- **Warnings/Alerts List:** A list of all warnings/alerts, grouped according to the selection made in the Group section. From this list, you access more detailed information about the both the group and individual warnings/alerts within it. "["Using the ESL List" on page 47.](#)

Note: *Until alerts/warnings are corrected, a warning message will appear on every page of the Web interface.*

The screenshot shows the W5networks ESL System interface. At the top, there are navigation links: Home, Updates, Tasks, **ESLs** (highlighted in orange), Items, and System. On the right, there are links for Print, Log Off, and user information: Santa Monica, 2135, admin. Below this, it says POWERED BY **W5networks**.

System Critical alert is displayed on the left sidebar under Alert Pages, with links to Browse ESLs and ESL Warnings and Alerts.

Related Topics include ESLs and System Info.

W5 Networks System includes links to W5 System Configuration, ESL Alerts, and System Alerts.

The main content area is titled **Alerts** and **Group**. It shows a dropdown menu for Severity, a **Group** button, and a **Clear** button. The **ESL Warnings and Alerts** table has a total of 2 results:

Severity	Count	Alert(s)
WARNING	3	Alert(s)
ERROR	2	Alert(s)

Total Results: 2

Grouping Warnings/Alerts

1. Click on the **ESLs** tab.
2. Click on the “ESL Warnings and Alerts” link in the navigation window to select it.
3. From the drop-down menu under the “Group” heading, select how you would like to group the warnings/alerts (by severity, location, department, or promotion code) and click **Group**.

The screenshot shows the ESL Warnings and Alerts page grouped by Severity. The dropdown menu under Group is set to Severity. The table shows 3 results for WARNING and 2 results for ERROR.

Severity	Count	Alert(s)
WARNING	3	Alert(s)
ERROR	2	Alert(s)

Warnings/Alerts Grouped by Severity

The screenshot shows the ESL Warnings and Alerts page grouped by Promotion. The dropdown menu under Group is set to Promotion. The table shows 3 results for Marketing.

Promotion	Count	Alert(s)
Marketing	3	Alert(s)

Warnings/Alerts Grouped by Promotion

The screenshot shows the ESL Warnings and Alerts page grouped by Location. The dropdown menu under Group is set to Location. The table shows 3 results for 10, 20, and 30.

Location	Count	Alert(s)
10	1	Alert(s)
20	1	Alert(s)
30	1	Alert(s)

Warnings/Alerts Grouped by Location

The screenshot shows the ESL Warnings and Alerts page grouped by Department. The dropdown menu under Group is set to Department. The table shows 2 results for 10 and 30.

Department	Count	Alert(s)
10	2	Alert(s)
30	1	Alert(s)

Warnings/Alerts Grouped by Department

Note: When grouping by department, you may also specify a department number and category. This option is not available in all environments.

5. To ungroup the warnings/alerts, click **Clear**.

Reviewing the Warnings/Alerts List

- Click anywhere in the row containing the group of warnings/alerts you'd like to view. The screen will update to the following.

Severity	Description	Device	Device Type	Product	Department Category	Location
Warning	ESL integrity check failed	256	ESL Plus	BRAVINY NAPKINS	1 35	3B
Warning	ESL integrity check failed	16640	ESL Plus	LEAN CUISINE SESAME CHICKEN	50 87	4
Warning	ESL integrity check failed	16384	ESL Plus	HONEY GRAHAM OHS CEREAL	1 20	1A

- Review the ESL list. You can sort this list and/or view details about a particular item. Each entry in this list contains the following information:
 - Severity:** The level of the warning/alert.
 - Description:** The reason for the warning/alert.
 - Device:** The Device ID of the ESL that generated the warning/alert.
 - Device Type:** The type of ESL device that generated the warning/alert.
 - Product:** The product associated with the ESL that generated the warning/alert.
 - Department/Category:** The department and category of the product.
 - Location:** The location of the ESL/product.

Note: To sort the list by Severity, Device Type, Product, Department, Category, or Location, click on the desired heading at the top of the list.

- To return to the warning/alert group list, click your browser's **Back** button.

Chapter 7

Items

In This Chapter

- [Overview](#)
- [Finding Items](#)
- [Viewing Item Details](#)

Overview

The **Items** tab gives you access to information about all the products in the ESL system. To view item information, click on the **Items** tab. The following screen will be displayed:

Print · Log Off
Santa Monica, 2135
admin
POWERED BY **W5networks**

Item Pages

› Current Item Prices
› Future Item Prices

Price Information

Find

Please select · Clear

Current Item Prices

Print Insert

Select: All, None

Total Results: 59

Product ▲ SKU	Product Size	Regular Price	Sale Price	Start Date End Date	Department Category	Promotion
PASTA RONI ANGEL HAIR TMTO PARM 1113113	4.9 OZ	\$2.00	N/A	Sep 21 7:20 PM	1 1	everyday
KLEENEX LOTION ALOE & E TISSUE 1262025	130 CT	\$2.29	N/A	Sep 21 7:20 PM	1 35	everyday
POST HONEY BUNCHES OATS CEREAL 1267824	13 OZ	\$4.35	N/A	Sep 21 7:20 PM	1 20	everyday
PEPSI 2 LITER BOTTLE 1361178	2 LT	\$1.59	N/A	Sep 21 7:20 PM	1 10	everyday
BRAWNY NAPKINS 1460131	200 CT	\$3.89	N/A	Sep 21 7:20 PM	1 35	everyday
PEPSI FRIDGE MATE 151282	12/12 PK	\$4.99	N/A	Sep 21 7:20 PM	1 10	everyday
HUNT'S TRADITIONAL SPAGHETTI SAUCE 1549488	26.5 OZ	\$1.49	N/A	Sep 21 7:20 PM	1 5	everyday
OREOTWINS 2 COOKIES PER PK 1663182	24/0.78 OZ	\$4.99	N/A	Sep 21 7:20 PM	1 53	everyday
BISQUICK 1679470	40 OZ	\$2.99	N/A	Sep 21 7:20 PM	1 50	everyday
DIET MOUNTAIN DEW 1694072	12/12 PK	\$4.99	N/A	Sep 21 7:20 PM	1 10	everyday

Select: All, None

Total Results: 59

As shown in the image above, when you first click on the **Items** tab, you will be taken to the “Current Item Prices” page, as indicated by the red link in the navigation window. A list of all items with prices currently in effect is displayed on the main area of the screen. The navigation window also displays links for “Future Item Prices;” this page displays items with price updates that will take effect at a later date.

Both the “Current Item Prices” page and the “Future Item Prices” page contain two sections:

- **Find:** Allows you to search for and group items by SKU, department, promotion code, product name, UPC, or whether a bib is required. See “[Finding Items](#)” on page 59.
- **Item List:** A list of all Tasks, displayed according to the selection made in the Find section of the page. From this list, you can print inserts for items or access more detailed information about them. See “[Finding Items](#)” on page 59.

Finding Items

1. Using the drop down menu, select the type of information you want to search for:
 - **SKU:** When selected, a SKU field will appear; enter the SKU number of the item you want to find.
 - **Department:** When selected, a Department window will appear; select the department number of the item you want to find. To help you narrow your search, a Category window will appear, followed by a Sub-Category window. If you choose, you can select a Category and Sub-Category from these windows; or you can select “Any” if you do not want to narrow your search further.
 - **Promotion Code:** When selected, a Promotion Code drop-down menu will appear. Select the promotion code associated with the item you want to find.
 - **Product Name:** When selected, a Product Name field will appear; enter the name of the item you want to find.

Note: You can do a “wildcard” search by entering a partial item name. All items containing the phrase entered will be displayed. IE: Entering “PEP” will return both Pepsi and Dr. Pepper.

- **UPC:** When selected, a UPC field will appear; enter the UPC code of the item you want to find.
- **Bib Required:** When selected, a Bib Required drop-down menu will appear. Select “Yes” to find all items that use a bib attachment or “No” to find all items that do not use a bib attachment.

2. Click **Find**.

Finding Items by SKU

Finding Items by UPC

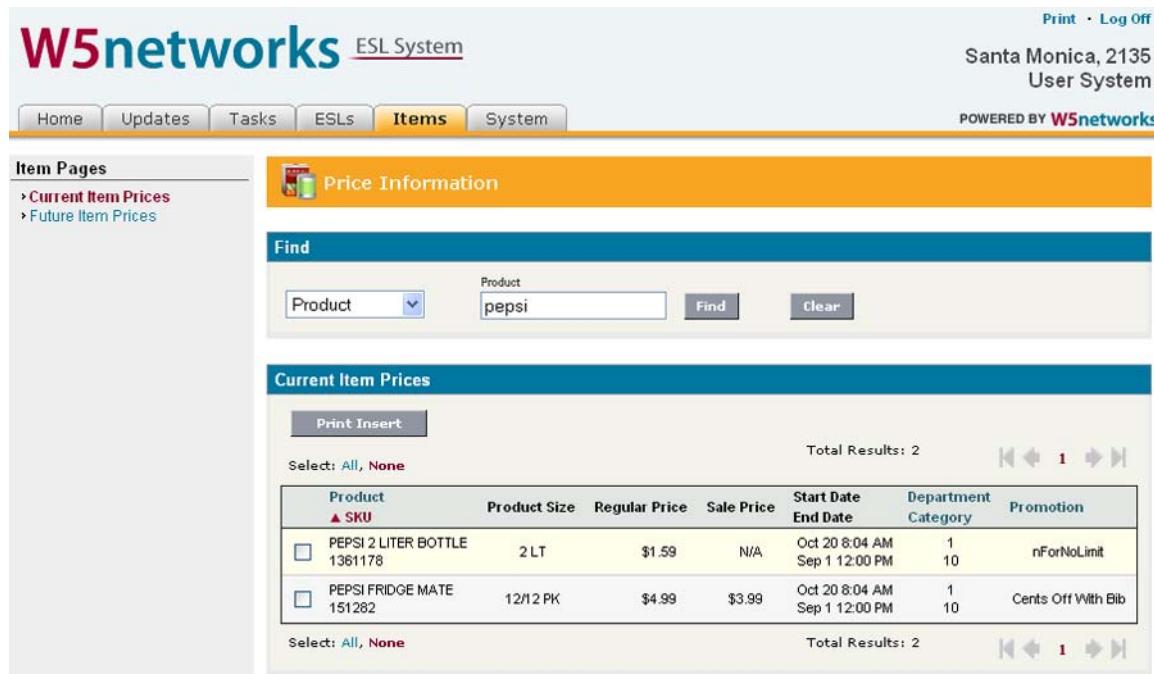
Finding Items by Product Name

Finding Items by Bib Requirement

Finding Items by Department

Finding Items by Promotion Code

The results of your grouping criteria or search will be displayed. The following example illustrates the results of a search for the product "Pepsi."



The screenshot shows the W5networks ESL System interface. The top navigation bar includes links for Home, Updates, Tasks, ESLs, **Items**, and System. The top right corner shows 'Print' and 'Log Off' options, and the text 'Santa Monica, 2135 User System'. Below the navigation is a banner for 'Price Information' with a magnifying glass icon. The main content area has a 'Find' section with a dropdown menu set to 'Product' and the search term 'pepsi' entered. Below this is a table titled 'Current Item Prices' with two rows of results. The table columns are: Product (SKU), Product Size, Regular Price, Sale Price, Start Date, End Date, Department Category, and Promotion. The first row shows 'PEPSI 2 LITER BOTTLE' (SKU 1361178) with a 2 LT size, regular price of \$1.59, and a promotion for 'nForNoLimit'. The second row shows 'PEPSI FRIDGE MATE' (SKU 151282) with a 12/12 PK size, regular price of \$4.99, and a promotion for 'Cents Off Wth Bib'. Both rows have checkboxes next to them. Navigation arrows at the bottom of the table indicate there are two total results.

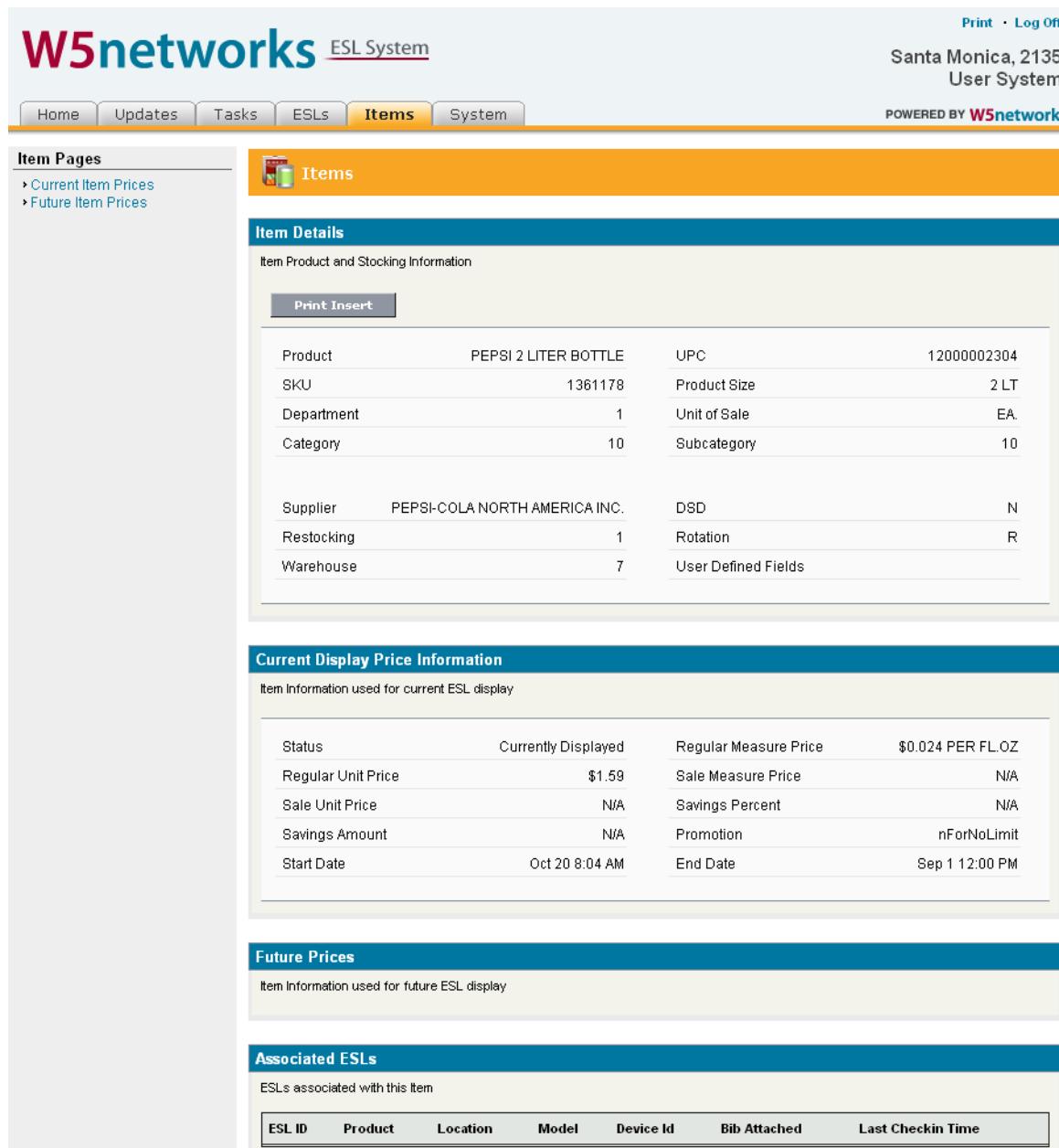
Product SKU	Product Size	Regular Price	Sale Price	Start Date	End Date	Department Category	Promotion
PEPSI 2 LITER BOTTLE 1361178	2 LT	\$1.59	N/A	Oct 20 8:04 AM Sep 1 12:00 PM	1 10	nForNoLimit	
PEPSI FRIDGE MATE 151282	12/12 PK	\$4.99	\$3.99	Oct 20 8:04 AM Sep 1 12:00 PM	1 10	Cents Off Wth Bib	

Viewing Item Details

- After [Finding Items](#), review the Item list. You can sort this list and/or view details about a particular item. Each entry in this list contains the following information:
 - Product name
 - SKU number
 - Product size
 - Regular price
 - Sale price
 - Start date
 - End date
 - Department
 - Category
 - Promotion type

Note: To sort the list by Product, SKU, Department, Category, or Promotion, click on the desired heading at the top of the list.

2. View details about a particular item by clicking anywhere in the row containing the item. Detailed information and a list of associated ESLs will be displayed, as shown below.



The screenshot shows the W5networks ESL System interface. At the top, there is a navigation bar with links for Home, Updates, Tasks, ESLs, **Items** (which is the active tab), and System. To the right of the navigation bar are links for Print and Log Off, and the text "Santa Monica, 2135 User System". Below the navigation bar, a sub-menu for "Item Pages" is visible with links for Current Item Prices and Future Item Prices. The main content area is titled "Items" and contains a "Item Details" section. This section displays product information for a "PEPSI 2 LITER BOTTLE" with the following details:

Product	PEPSI 2 LITER BOTTLE	UPC	12000002304
SKU	1361178	Product Size	2 LT
Department	1	Unit of Sale	EA.
Category	10	Subcategory	10
Supplier	PEPSI-COLA NORTH AMERICA INC.	DSD	N
Restocking	1	Rotation	R
Warehouse	7	User Defined Fields	

Below the "Item Details" section is a "Current Display Price Information" section, which lists the following current display prices:

Status	Currently Displayed	Regular Measure Price	\$0.024 PER FL.OZ
Regular Unit Price	\$1.59	Sale Measure Price	N/A
Sale Unit Price	N/A	Savings Percent	N/A
Savings Amount	N/A	Promotion	nForNoLimit
Start Date	Oct 20 8:04 AM	End Date	Sep 1 12:00 PM

Further down the page are sections for "Future Prices" and "Associated ESLs". The "Associated ESLs" section has a table header with columns: ESL ID, Product, Location, Model, Device Id, Bib Attached, and Last Checkin Time.

3. Review Item information.

Note: *More than one ESL may be associated with a particular item. To view information about each associated ESL, click on any ESL ID in the Associated ESLs section of the screen.*

4. To return to the Item list, click your browser's Back button.

Chapter 8

System

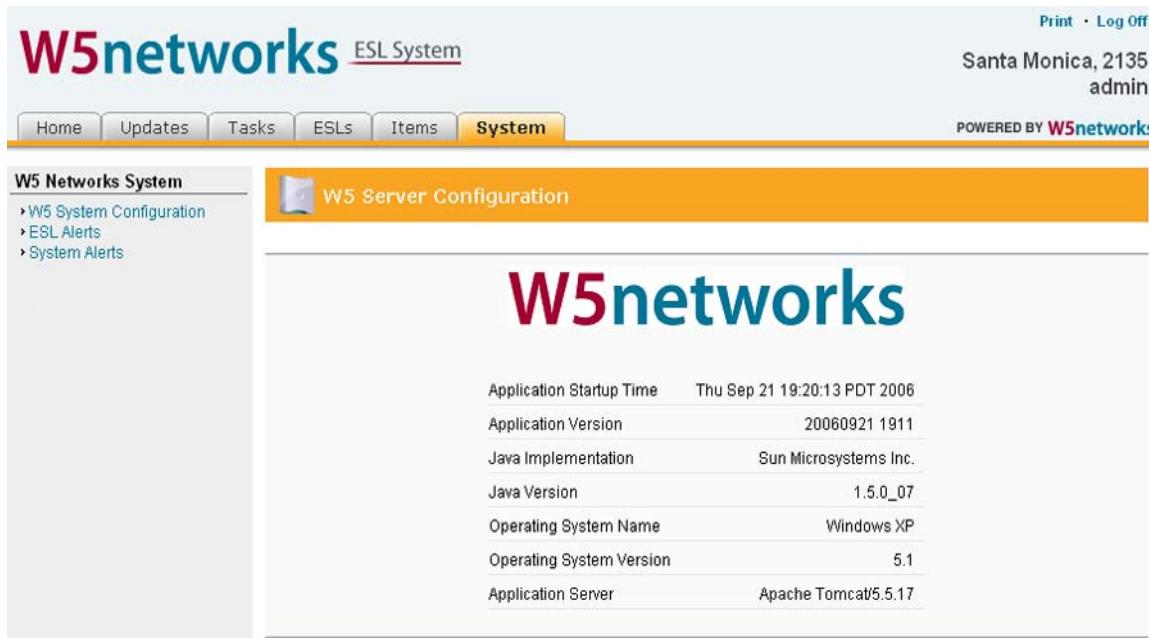
In This Chapter

- [Overview](#)

Overview

The **System** tab provides information about the ESL System.

To view System information, click on the **System** tab. The following screen will be displayed:



The screenshot shows a web-based interface for the W5networks ESL System. At the top, there is a header with the W5networks logo and the text "ESL System". On the right side of the header, there are links for "Print" and "Log Off", and the user information "Santa Monica, 2135" and "admin". Below the header is a navigation menu with tabs: Home, Updates, Tasks, ESLs, Items, and System. The "System" tab is highlighted with a yellow background. On the left, there is a sidebar titled "W5 Networks System" with links to "W5 System Configuration", "ESL Alerts", and "System Alerts". The main content area has a yellow header bar with the "W5 Server Configuration" icon. The main title "W5networks" is displayed prominently. Below the title is a table of system information:

Application Startup Time	Thu Sep 21 19:20:13 PDT 2006
Application Version	20060921 1911
Java Implementation	Sun Microsystems Inc.
Java Version	1.5.0_07
Operating System Name	Windows XP
Operating System Version	5.1
Application Server	Apache Tomcat/5.5.17

As shown in the image above, the **System** tab displays information related to the ESL System software and server. Additionally, the navigation window may contain links to system component configuration pages. These configuration pages should be accessed only by a trained IT professional. See the **ESL System Operations Guide** for information on these pages.

Chapter 9

Frequently Asked Questions

For a list of frequently asked questions, see the **ESL System Operations Guide**.

Chapter 10

Technical Support

For technical support information, see the **ESL System Operations Guide**.

