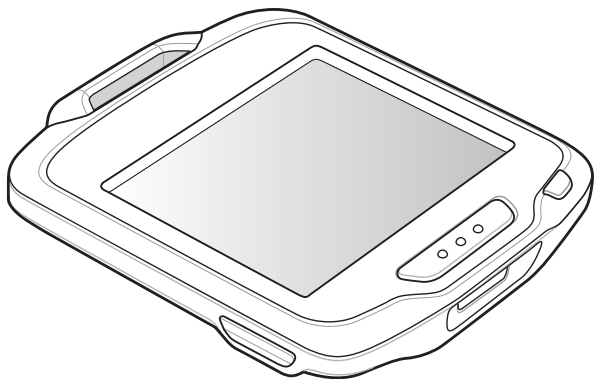


SB1 **SALES DEMO** **USER GUIDE**



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Service Information

If you have a problem using the equipment, contact your facility's Technical or Systems Support. If there is a problem with the equipment, they will contact the Zebra Global Customer Support at: <http://www.zebra.com/support>.

Introduction

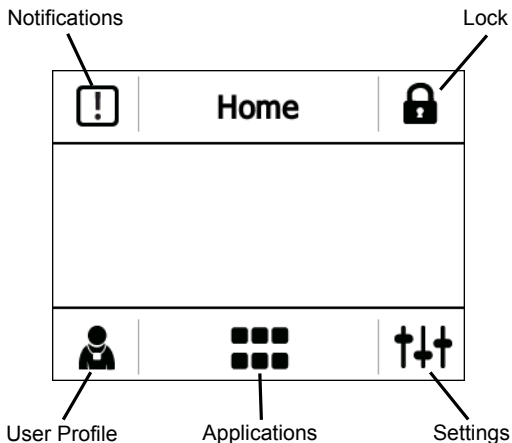
Retailers are faced with shoppers who have higher expectations and more knowledge at their fingertips than ever before. Meeting their needs and turning shoppers into buyers requires every worker in the store to respond quickly to any customer request. And with the SB1 smart badge, they can. This compact wearable mobile device can serve as an electronic identity badge, a 1D/2D bar code scanner, a push-to-talk voice communicator, a task manager and more, in a single affordable and lightweight mobile device that is priced so retailers can purchase one for every worker. Today, over 90 percent of the retail workforce has no wireless connection to retail data, to co-workers or to managers. With the SB1, every worker in your operation is connected to the people and information required to exceed shopper expectations, complete tasks and maximize productivity.

This guide provides information for demonstrating the functionality of the SB1.

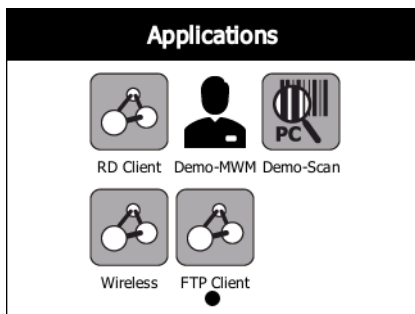
Start Up

Place the SB1 in a powered cradle to turn it on. Allow the SB1 to fully charge.

Remove the SB1 from the cradle. The **Home** screen displays. Refer to the *SB1 User Guide* for information on using the **Home** screen.



The SB1 is pre-loaded with a number of applications. Touch  to open the **Applications** screen.



The **Applications** screen has the following applications:

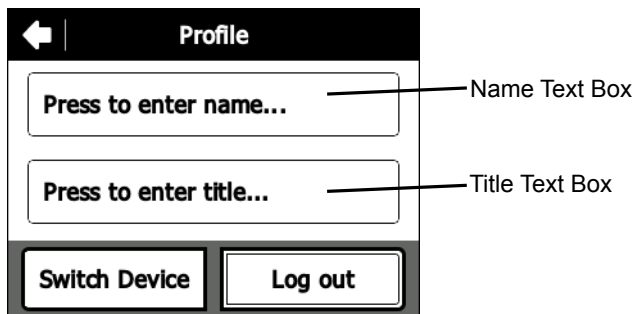
- **RD Client** - Use to stage the SB1 for initial use by initiating the deployment of settings, firmware and software. Refer to the *SB1 Integrator Guide* for detailed information.
- **Demo-MWM** - use to demonstrate the functionality of the SB1. See *MWM DEMO on page 8* for more information.
- **Demo-Scan** - use to demonstrate the SB1 scanning functionality. See *SCAN DEMO on page 7* for more information.
- **Wireless** - use to setup the SB1 to connect to a WLAN. Refer to the *SB1 Integrator Guide* for detailed information.
- **FTP Client** - use to copy files to the SB1 using a local ftp connection. Refer to the *SB1 Integrator Guide* for detailed information.

Setting Name and Title

Use the **Profile** screen to set the user name and user title, sign out of the SB1 and switch devices.

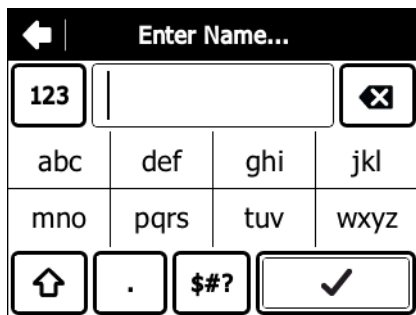
Press the Home button to display the **Home** screen on the side of the device.

Touch . The **Profile** screen appears.



To enter user name:

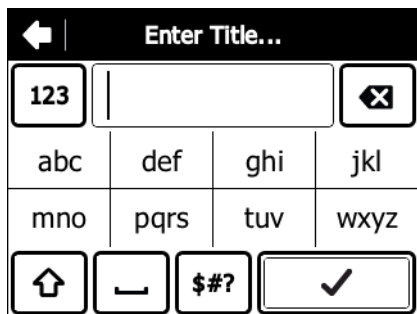
1. In the **Profile** screen, touch the top text box. The **Enter Name** screen appears.



2. Press the keypad keys to enter the user name.
 - Use  to create capital letter.
 - Touch  to display the numeric keypad.
 - Touch  to display special character keypad.
 - To create the letter c, quickly touch **abc** three times.
 - Use  to delete the last character in the text box.
3. Touch  to save the name.

To enter user title:

1. In the **Profile** screen, touch the lower text box. The **Enter Title** screen appears.



2. Press keypad keys to enter the user title.

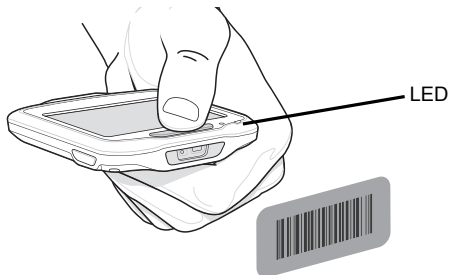
- Use  to create capital letter.
- Touch  to display the numeric keypad.
- Touch  to display special character keypad.
- To create the letter c, quickly touch **abc** three times.
- Use  to delete the last character in the text box.

3. Touch  to save the user title.

SCAN DEMO

The **Scan Demo** is a Price Check demo that uses predefined bar codes and provides a picture of the item, price and other info. This is a good way to showcase how well the bar code reading function works while demonstrating how a retail associate can use it to assist shoppers with a price check or inventory lookup task.

1. Touch  > . The **Price Check** screen appears.
2. Aim the exit window at the bar code.
3. Press the Scan button and scan one of the bar code on page 31. Ensure the red illumination covers the entire bar code. The LED Indicator illuminates red to indicate that the illumination is on. The LED Indicator turns green and a beep sounds to indicate a successful decode.



4. Upon successful decode the corresponding product information screen displays.

Price Check	
\$14.99	6 Oz.
061243100049	
Item: Crackers	
Description:	
Lesley Stowe's	
Raincoast Crisps	
Cranberry and	
Hazelnut Crackers	



5. Press the Back button to return to the main **Price Check** screen.

MWM DEMO

The **MWM Demo** starts with a user logging on (any scan or numeric works), followed by the display of an inbox that includes four tasks. As you go through each task, you accept and complete the task. Once its completed, the task is removed from the inbox. This is a great way to show how the E Ink and touch display works while demonstrating task management capabilities that improve worker productivity and management oversight.

1. Touch  > .
2. The splash screen appears followed by the Enter Password screen.

Scan Badge or Enter ID...

123				
abc	def	ghi	jkl	
mno	pqrs	tuv	wxyz	
				

3. Enter 123456 or scan the bar code below and then touch . The **Inbox** appears.



Inbox		
 Price Check Aisle 11		Task In-progress
 Fill Delivery Cold Storage		Task Not Assigned
 Unload Truck Loading Dock	1/1	Task Assigned - Not Started
 Collect Carts Parking Lot		

Price Check Scenario

The Price Check scenario illustrates a task that has already been accepted by the user, the user has already started the task and the user completes the task.

1. Touch **Price Check**. The **Price Check** screen appears.



2. Point the SB1 at a bar code on a product.
3. Press the Scan button. The SB1 reads the bar code and displays information about the product.



Touch  when the task is completed,  to go back to the Inbox or  to pause the task and complete at a later time.

4. Touch  to indicate that the task is complete.
5. Touch **OK** to confirm task completion.
6. Touch **OK**.
7. The **Inbox** re-displays.

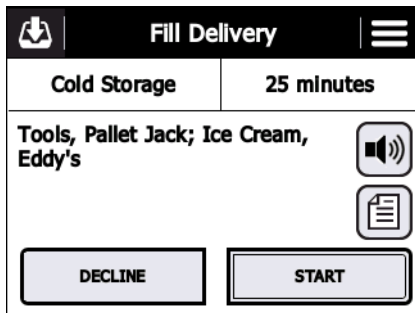
Fill Delivery Scenario

The Fill Delivery scenario illustrates a task that has not been accepted by the user, the user accepts the task and then the user completes the task.

1. Touch **Fill Delivery**. The **Fill Delivery** screen appears.



2. Touch **Accept** to accept the task.

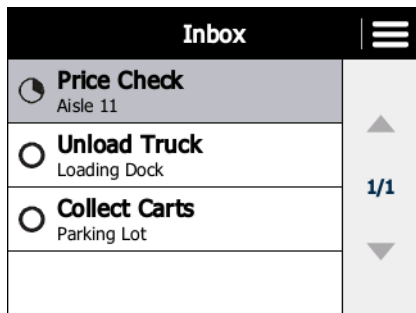


3. Touch **START** to start the task.



Touch  when the task is completed,  to go back to the Inbox or  to pause the task and complete at a later time.

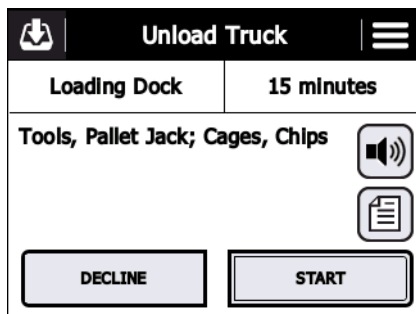
4. Touch  to indicate that the task is complete.
5. Touch **OK** to confirm task completion.
6. The Inbox re-displays with the task removed from the InBox.



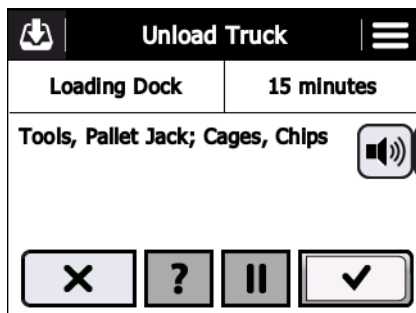
Unload Truck Scenario

The Unload Truck scenario illustrates a task that has been accepted by the user and the user completes the task.

1. In the Inbox, touch **Unload Truck**. The **Unload Truck** screen appears.

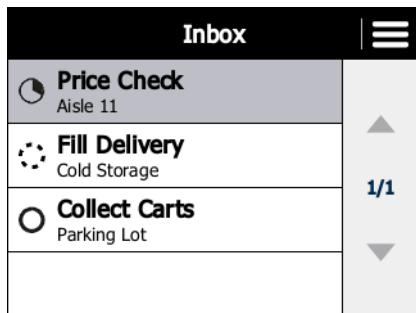


2. Touch  to start the task.



Touch  when the task is completed,  to go back to the Inbox or  to pause the task and complete at a later time.

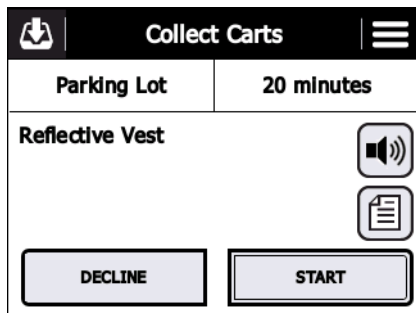
3. Touch  to indicate that the task is complete.
4. Touch **OK** to confirm task completion.
5. The Inbox re-displays with the Unload Truck task removed from the InBox.



Collect Carts Scenario

The Collect Cart scenario illustrates a task that has been assigned to the user, the user pauses the task and then goes back to complete the task.

1. In the Inbox, touch **Collect Carts**. The **Collect Carts** screen appears.

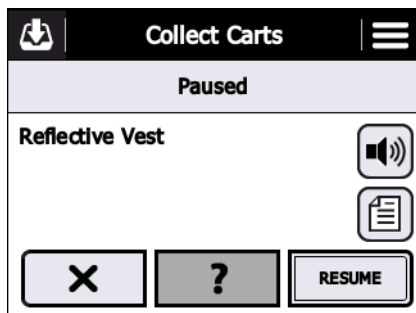


2. Touch  to start the task.

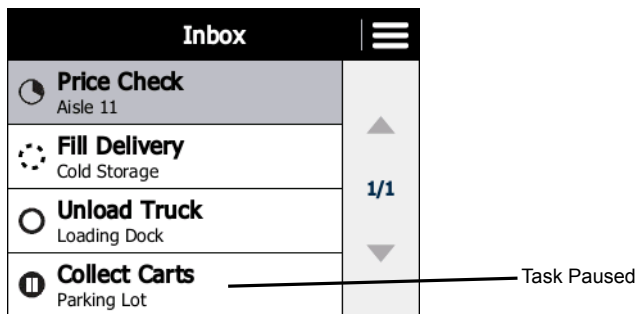


Touch when the task is completed, to cancel the task or to pause the task and complete at a later time.

3. Touch .



4. Touch .



5. Touch **Collect Carts**.
6. Touch **Resume**.
7. Touch  to indicate that the task is complete.
8. Touch **OK** to confirm task completion.
9. Touch **OK**.
10. The Inbox re-displays with the task removed from the **InBox**.

Reset MWM Demo

While using the Sales Demo application, the data can be reset to its initial state.

1. From the Inbox, touch .
2. Touch **Reset demo**.
3. The Inbox appears with the data reset to the initial settings.

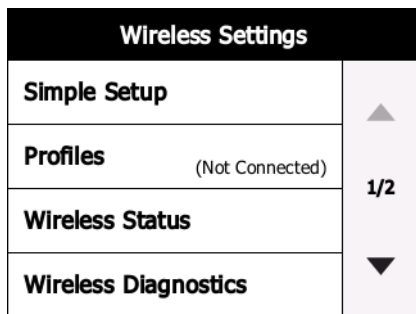
Exit MWM Demo

To exit the Sales Demo:

1. From the Inbox, touch .
2. Touch **Exit demo**.

Basic Wi-Fi Setup

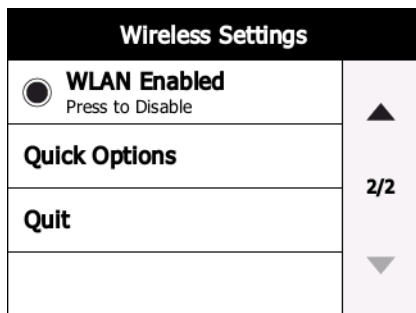
To access **Wireless Settings**, touch **Home** button >  >  > **Advanced Settings** > **Wireless Settings**.



Use the up and down arrows to view all options.

Enable/Disable WLAN Radio

By default, the WLAN radio is on (enabled). To turn off (disabled) the WLAN radio, touch **WLAN Enabled**.



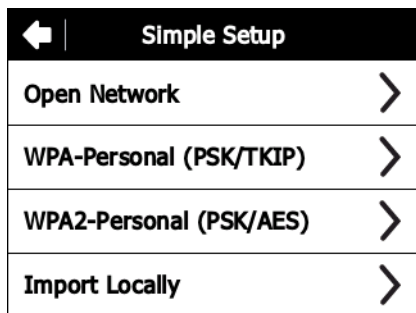
The option changes to **WLAN Disabled**.

To turn on WLAN, touch **WLAN Disabled**. The option changes to **WLAN Enabled**.

Simple Setup

The **Simple Setup** application can create only a subset of wireless profiles (Open, WPA Personal (TKIP) and WPA2 Personal (AES)) by entering ESSID and passphrase, with all other settings set to default values. To create other types of wireless profiles (WPA Enterprise, WPA2 Enterprise, etc), use Mobile Device Management (MDM) software like MSP or use **Import Locally** application to import wireless configuration data which is exported from a device running Fusion X2.00 or Fusion X2.01.

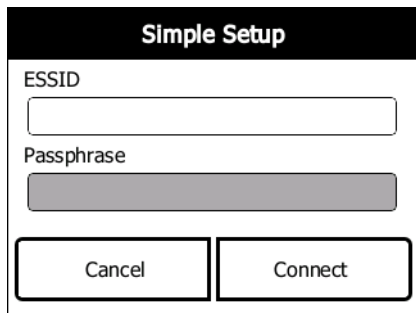
Use **Simple Setup** to manually configure a wireless network connection for Open, WPA-Personal (TKIP), WPA2-Personal (AES) networks and to import a setup file stored locally from the *UserDrive*.



Connecting to an Open Network

To connect to an open network:

1. Touch **Simple Setup**.
2. Touch **Open Network**.



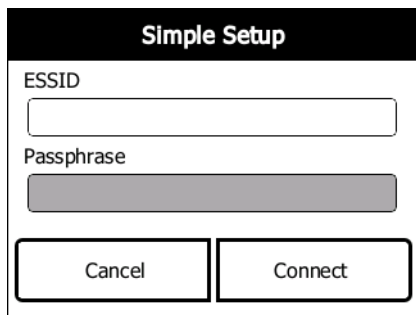
3. In the **ESSID** text box, enter the ESSID name for the wireless network.
4. Touch **Connect**. The SB1 creates a profile with the provided information and connects to the wireless network.

Connecting to a Secure Network

To connect to a secured network:

1. Touch **Simple Setup**.

2. Touch **WPA-Personal (PSK/TKIP)** or **WPA2-Personal (PSK/AES)**.



The image shows a 'Simple Setup' dialog box with a black header. Below the header, there are two text input fields. The first is labeled 'ESSID' and is empty. The second is labeled 'Passphrase' and is filled with a greyed-out placeholder text. At the bottom of the dialog, there are two buttons: 'Cancel' on the left and 'Connect' on the right.

3. In the **ESSID** text box, enter the ESSID for the network.
4. In the **Passphrase** text box, enter the network passphrase.
5. Touch **Connect**. The SB1 creates a profile with the provided information and connects to the wireless network.

PTT Express Settings

The following tones provide helpful cues when using the voice client.

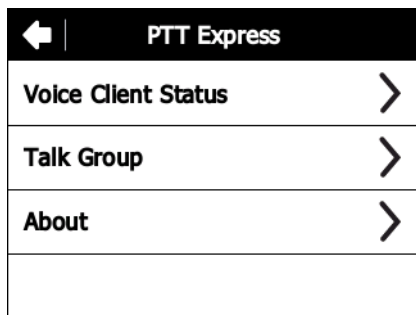
- **Talk Tone:** Double chirp. Plays when the PTT button (broadcast or private calls) is depressed. This is a prompt for the user to start talking.
- **Access Tone:** Single beep. Plays when another user just finished a broadcast or response to the user. The user is now able to initiate a Group Broadcast or Private Response.
- **Busy Tone:** Continuous tone. Plays when the broadcast (or private) button is depressed and another user is already communicating on the same talkgroup.
- **Network Tone:**
 - Three increasing tones. Plays when PTT Express is acquiring the WLAN connection and ready for voice communication.
 - Three decreasing tones. Plays when PTT Express has lost the WLAN connection and is not ready for voice communication.

Enable Voice Client Communication

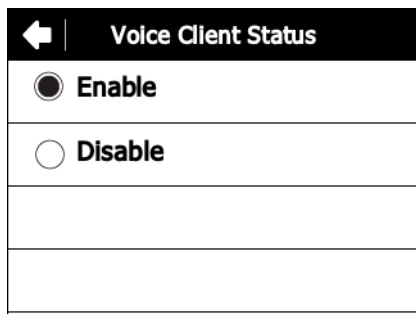
To enable the PTT communication:

1. Press the Home button to display the Home screen.
2. Touch . The **Settings** screen appears.

3. Touch **PTT Express settings**. The **PTT Express** screen appears.



4. Touch **Voice Client Status**.



5. Touch **Enable**.

6. Touch **Save**.

7. Touch .

Select a Talk Group

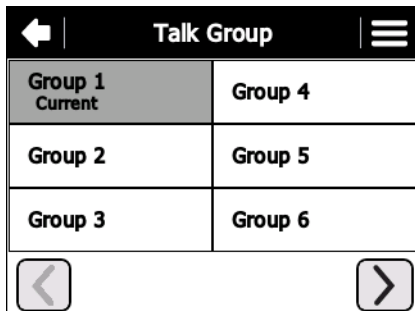


NOTE Upon reset, the talk group is set to **Talk Group 1**.

One of 32 talk groups can be selected by PTT Express users. However, only one talk group may be enabled at a time on the SB1.

1. Touch . The **Settings** screen appears.

2. Touch **PTT Express settings**. The **PTT Express** screen appears.
3. Touch **Talk Group**. The **Talk Group** screen appears.



4. Touch a **Talk Group** number. Use the arrow buttons to view additional Talk Groups.
5. Touch **Save**.
6. Touch  to return to the **PTT Express** screen.
7. Press the Home button.

Disable PTT Express Voice Client Communication

To disable the PTT communication:

1. From the Home screen, touch . The **Settings** screen appears.
2. Touch **PTT Express settings**. The **PTT Express** screen appears.
3. Touch **Voice Client Status**.
4. Touch **Disable**.
5. Touch **Save**.
6. Touch  to return to the **PTT Express** screen.
7. Press the Home button.

PTT Communication



NOTE By default, the Private Response feature is disabled. Specific applications may enabled this feature. Check with system administrator for more information.

PTT communication may be established as a Group Broadcast or Private Response.

Group Broadcast (One to Many)

1. Press and hold the PTT button on the Speaker Adapter or Headset and listen for the talk tone to play.

If a busy tone is heard, release the PTT button and wait a moment before making another attempt. Ensure that PTT Express and the WLAN are enabled.

2. Start talking immediately after the talk tone plays.



NOTE If the user holds the PTT button for more than 60 seconds, the call is dropped and then restarted preventing others from making Group Broadcast calls. The user should release the Group Broadcast button when finished talking to allow others to make calls.

3. Release the PTT button when finished talking.

Response to a Group Broadcast

To respond to a Group Broadcast:

1. Wait until an access tone is heard.
2. Press and hold the PTT button and listen for the talk tone to play.

If a busy tone is heard, release the PTT button and wait a moment before making another attempt. Ensure that PTT Express and the WLAN are enabled.

3. Start talking immediately after the talk tone plays.
4. Release the PTT button when finished talking.

Private Response (One to One)



NOTE By default, the Private Response feature is disabled. Specific applications may enable this feature. Check with system administrator for more information.

The Private Response can only be initiated once a Group Broadcast has been established.

The initial Private Response is made to the last talker on the Group Broadcast.

1. Wait until an access tone is heard.
2. Within 10 seconds, double press and hold the PTT button, and listen for the talk tone to play.

If a busy tone is heard, release the PTT button and wait a moment before making another attempt. Ensure that PTT Express and the WLAN are enabled.

3. Start talking immediately after the talk tone plays.
4. Release the PTT button when finished talking.

Powering Off the SB1

Power off the SB1 when not using for long periods of time.

1. Press the Home button.
2. Touch . The **Settings** screen appears.
3. Touch . The **More Settings** screen appears.
4. Touch **Advanced Settings**. The **Advanced Settings** screen appears.
5. Touch the down arrow.
6. Touch **Power Off Device**.
7. Touch **OK**. The SB1 shuts down and the Regulatory Information screen appears.

To turn the SB1 back on, place the SB1 into a cradle.

Restore Factory Defaults

Restoring factory defaults deletes the user database information. All files installed in the *userDrive* folder are maintained. To return the SB1 to the factory default settings:

1. Press the Home button.
2. Touch . The **Settings** screen appears.
3. Touch . The **More Settings** screen appears.
4. Touch **Advanced Settings**. The **Advanced Settings** screen appears.
5. Touch the down arrow.
6. Touch **Restore Factory Defaults**.
7. Touch **OK** to confirm.

CREATE BADGE SAMPLE

This section describes how to create a personalized badge screen that appears when the SB1 goes into Badge mode.

Setup

To create the screen you will need to create a photo image, edit an HTML file and the config.js file on the SB1.

Create a Photo Image

The badge image that displays is a graphic file that covers the whole screen. Create a grayscale file 310 pixels wide by 230 pixels high.

Save the file in jpg format with the filename: *badge.jpg*.



Create Badge HTML File

Use a text editor program to create the HTML file. Enter the information below into the text file.

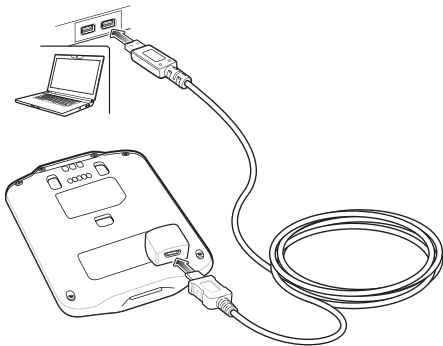
```
<!DOCTYPE html>
<html>
<head>
  <script type="text/javascript">
    function GO()
    {
      var p=document.getElementById("theImage");
    }
  </script>
</head>
<body onload="GO();" >
  
</body>
</html>
```

Save the text file with the filename: *Badge.html*.

Install the Developer Back Housing

To copy files to the SB1, remove the back housing and replace with the Developer Back Housing. See the instructions with the Developer Back Housing Kit for installation instructions.

Connect the SB1 to a host computer using a USB Cable.



Edit Config.js File

1. Connect to SB1.
2. Open the *config* folder.
3. Copy the *config.js* file to the host computer.
4. On the host computer, open the *config.js* file in a text editor program.
5. Scroll down to the text `config.lockscreen.page = "";`.
6. Enter between the quotes:
`http://127.0.0.1:83/UserDrive/Badge/badge.html`.
7. Save the *config.js* file.

Copy Files to the SB1

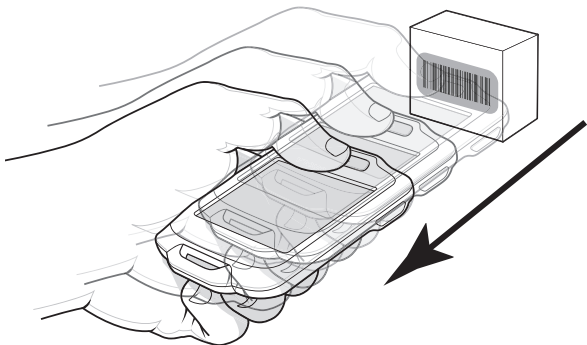
1. On the host computer, open Windows Explorer. The SB1 appears as a hard disk drive in Windows Explorer.
2. In the root of the SB1, create a folder called *Badge*.
3. Open the new *Badge* folder.
4. On the host computer, open another Windows Explorer window and locate the files to copy to the SB1.
5. Copy the following files into the *Badge* folder.

- Badge.html
 - badge.jpg
6. In the root of the SB1, open the folder *config*.
 7. Copy the *config.js* file from the host computer to the SB1 *config* folder.
 8. Disconnect the SB1 from the host computer.
 9. Press the simultaneously press the Scan and Home buttons for five seconds. The SB1 beeps and then reboots.
 10. After the SB1 reboots and the Home screen appears, press the lock icon or wait for the Badge page to display.

Best Practices

Scanning

- Scanning with the SB1 smart badge is easy to use. Hold the SB1 in your hand with the top of the device pointed toward a bar code. With your thumb, press the scan button.
- The SB1 projects a red rectangular target for positioning over bar codes.
- Instead of aiming directly at the barcode (i.e. 90 degrees), it is best to tilt the device and scan at a slight angle to minimize reflection.
- Its omni-directional barcode reader allows the user to position this target at any angle - it doesn't need to align horizontally.
- Successful decode distance from the bar code is dependent upon the type of bar code. Generally a distance in the range of 3 to 8 inches works best for most bar codes.
- If you have trouble scanning. Place the top of the SB1 against the bar code and pull away until a decode beep is heard.



Usability

- To make a selection on the SB1 touch screen, it is sometimes best to use your finger nail versus your full finger, especially for small selections. This is due to the SB1's highly sensitive resistive touch panel, which also allows the use of gloves. Touch the middle of any button on the screen to get the best response. You may find you have to press slightly harder than you would on a consumer smart phone display.
- Any touch on the screen generates a click sound even if it is not on a button or text field. This is normal.

Accessories

- The lanyard is adjustable and should be adjusted to the shortest length that is comfortable to minimize bouncing or risking the device falling off the J-Hook.
 - The J-Hook has been designed for easy one-hand operation to take the SB1 off for scanning and placing it back when not in use.
- The Belt Holster is designed to be worn on a belt or over the edge of slacks. It can also be used with the Arm Band.
 - It is designed to protect the SB1 screen - the SB1 screen should face inward when placed in the holster.
 - The tether is designed to keep the SB1 connected to the employee so he/she does not lose or misplace it, while providing a long enough length to reach the farthest possible scanning points. Note that the tether is neither strong enough nor short enough to keep the SB1 from hitting the floor if dropped - that is not its purpose.
 - The SB1 in a belt holster may appear to reduce the loudness of beeper for notifications. The beeper duration and frequency can be modified if needed. See *SB1 Programmers Guide*.

SB1 Scan Demo Bar Codes





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