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Software specifics) in writing to: Symbol Technologies, Inc., Open Source Software Management, One Motorola Plaza, Holtsville, NY 11742-1300 USA.
Changes to the original guide are listed below:

<table>
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<th>Change</th>
<th>Date</th>
<th>Description</th>
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<tr>
<td>-01 Rev A</td>
<td>03/2014</td>
<td>Initial release.</td>
</tr>
<tr>
<td>-01 Rev B</td>
<td>09/2014</td>
<td>Update supported devices list.</td>
</tr>
<tr>
<td>–01 Rev. C</td>
<td>11/2014</td>
<td>Update supported devices list.</td>
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Chapter 1

Battery Management Application Installation

The Battery Health application supports the devices and operating systems listed below.

Table 1: Supported Devices

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<th>Device</th>
<th>Operating System</th>
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<td>MC65</td>
<td>Windows Embedded handheld 6.5.3</td>
</tr>
<tr>
<td>MC67</td>
<td>Windows Embedded handheld 6.5.3</td>
</tr>
<tr>
<td>MC9200</td>
<td>Windows CE7</td>
</tr>
<tr>
<td></td>
<td>Windows Embedded handheld 6.5.3</td>
</tr>
<tr>
<td>WT4100</td>
<td>Windows CE7</td>
</tr>
</tbody>
</table>

Installing on a Windows Mobile Device

**Prerequisites:**

Download the installation package from the Support Central web site. Go to [www.zebra.com/support](http://www.zebra.com/support).

Save the package to a folder on the host computer and un-compress the zip file.

**Procedure:**

1. Connect the device to a host computer is a cradle or USB cable.
2. Locate the BHSetupWM.cab file on the host computer.
3. Use ActiveSync to copy the BHSetupWM.cab file to the /temp folder on the mobile computer.
4. On the mobile computer, touch **Start**.
5. Touch **File Explorer**.
6. Navigate to the /temp folder.
7. Locate the BHSetupWM.cab file.
Figure 1: File Explorer

8 Touch the file to launch the installation package.
9 Touch OK.

Figure 2: Install CAB File

10 Touch Install.
   The package installs and then the device reboots.

Installing on a Windows CE Device

Prerequisites:
Download the installation package from the Support Central web site. Go to www.zebra.com/support.
Save the package to a folder on the host computer and un-compress the zip file.

Procedure:
1 Connect the device to a host computer is a cradle or USB cable.
2 Locate the BHSetupCE7.cab file on the host computer.
3 Use ActiveSync to copy the BHSetupCE7.cab file to the /temp folder on the mobile computer.
4 On the mobile computer, touch StartProgramsWindows Explorer.
5 Open the /temp folder.
6 Locate the BHSetupCE7.cab file.
7 Touch the file to launch the installation package.

Figure 4: Install CAB File

8 Touch OK.
   The package installs the application on the device.

9 Perform a cold boot. See the device’s User Guide for information.

Uninstalling on a Windows Mobile Device

Procedure:
1 To Start > Settings > System.
2 Select Remove Programs.
3 Select BH.
Figure 5: Remove Programs Window

4 Touch Remove.
5 Select Yes to remove the application.
   The device removes the application and then reboots.

Uninstalling on a Windows CE Device

Procedure:
1 To Start > Settings > Control Panel.
2 Select Remove Programs.
3 Select BH.

Figure 6: Remove Programs Window

4 Touch Remove.
5 Select Yes to remove the application.
   The device removes the application and then reboots.
Chapter 2

Battery Management Usage

The Battery Health service provides an estimate of battery health based on a number of different measurements, beyond just capacity.

Battery Health Indication — WinMobile

The Battery Health dialog box is accessible from the Status Bar. Touch the Status Bar and then the Battery icon.

Figure 7: Status Bar

Touch the Battery icon to view the Battery Health dialog box.

Figure 8: Battery Health Dialog Box

- **Battery Power** - Indicates the current battery power, represented as a percentage of the total battery capacity.
- **Battery Health** - Indicates the battery health using a five star-rating rating system based on a predefined battery usage count threshold value. If the battery falls below any of these values, it is assigned to a lower star-rating.
- **Cycle Count** - Displays the current battery usage count of the battery (configurable).

The background color also indicates the battery health.
Figure 9: Battery Background Color

- Green - Indicates that the battery is healthy.
- Yellow - Indicates that the battery is reaching the end of its useful life.
- Red - Indicates that the battery should be replaced.

The inside of the battery icon indicated the battery charge level. The white area indicates the current charge status of the battery used.

After a pre-defined time period, the dialog box disappears.

The Battery health dialog box can be set to appear after the device resumes from suspend mode or depending upon the health status. See Battery Management Configuration - WinMobile on page 21.

Battery Health Indication – WinCE

The Battery Health icon appears in the Task Tray.

Figure 10: Task Tray Icon

Touch the icon to view the Battery Health dialog box.

Figure 11: Battery Health Dialog Box

- Battery Power - Indicates the current battery power, represented as a percentage of the total battery capacity.
- Battery Health - Indicates the battery health using a five star-rating rating system based on a predefined battery usage count threshold value. If the battery falls below any of these values, it is assigned to a lower star-rating.
- Cycle Count - Displays the current battery usage count of the battery (configurable).

The background color also indicates the battery health.
Figure 12: Battery Background Color

- Green - Indicates that the battery is healthy.
- Yellow - Indicates that the battery is reaching the end of its useful life.
- Red - Indicates that the battery should be replaced.

The inside of the battery indicates the battery level. The white area indicates the charge level.

After a pre-defined time period, the dialog box disappears.

The Battery health dialog box can be set to appear after the device resumes from suspend mode or depending upon the health status. See Battery Management Configuration - WinCE on page 22.
Chapter 3

Configuration

Configure the Battery Management Software to using the Battery management tab in the Power application.

Battery Management Configuration - WinMobile

The Battery Health dialog box is configurable using the **BatteryMgmt** tab in the **Power** settings applet. Touch **Start > Settings > Power** to open the **Power** applet.

**Figure 13: BatteryMgmt Tab**

- **Enable Battery Health** - Check to enable the Battery health feature.
- **Show popup UI on device-resume**
  - **Always** - The **Battery Health** dialog box will display every time the device resumes from suspend.
  - **Once for each Rating decrease** - The **Battery Health** dialog box will display every time the Rating decrease to the next lower value.
  - **Always for **** and lower** - The **Battery Health** dialog box will display when the Rating is four * and lower every time the device resumes from suspend.
  - **Always for *** and lower** - The **Battery Health** dialog box will display when the Rating is three * and lower every time the device resumes from suspend.
  - **Always for ** and lower** - The **Battery Health** dialog box will display when the Rating is two * and lower every time the device resumes from suspend.
  - **Always for *-star and lower** - The **Battery Health** dialog box will display when the Rating is one * and lower every time the device resumes from suspend.
- **Show cycle-count in UI** - Check to display the battery usage count in the Battery Health dialog box.
- **Seconds to auto-dismiss UI** - Set the number of seconds after displaying the **Battery Health** dialog box that the dialog box disappears.
- **Edit descriptions for Rating** - Select button to edit the text that appears for each rating.

The background color also indicates the battery health.
Battery Management Configuration - WinCE

The Battery Health dialog box is configurable using the BatteryMgmt tab in the Power settings applet. Touch Start > Settings > Control Panel > Power to open the Power settings applet.

Figure 15: BatteryMgmt Tab

- **Enable Battery Health** - Check to enable the Battery health feature.
- **Add health colour to the Taskbar Battery tray icon** – Adds or removes the health indicator (green, yellow, red) from the icon on the taskbar.
- **Show popup UI on device-resume**
  - **Always** - The Battery Health dialog box will display every time the device resumes from suspend.
  - **Once for each Rating decrease** - The Battery Health dialog box will display every time the Rating decrease to the next lower value.
  - **Always for **** and lower** - The Battery Health dialog box will display when the Rating is four * and lower every time the device resumes from suspend.
  - **Always for *** and lower** - The Battery Health dialog box will display when the Rating is three * and lower every time the device resumes from suspend.
  - **Always for ** and lower** - The Battery Health dialog box will display when the Rating is two * and lower every time the device resumes from suspend.

Note: Any changes made to the Battery Health software takes effect after the next device-resume.
- **Always for *-star and lower** - The **Battery Health** dialog box will display when the Rating is one * and lower every time the device resumes from suspend.

- **Show cycle-count in UI** - Check to display the battery usage count in the Battery Health dialog box.

- **Seconds to auto-dismiss UI** - Set the number of seconds after displaying the **Battery Health** dialog box that the dialog box disappears.

- **Edit descriptions for Rating** - Select button to edit the text that appears for each rating.

The background color also indicates the battery health.

**Figure 16: Edit Rating**

Touch the drop-down box to select the rating level. Enter the new text in the text box which the HTML bold code. Touch OK to return to the previous screen.

**Note:** Any changes made to the Battery Health software takes effect after the next device-resume.