V54.17.x
Summary of Firmware Changes

This document summarizes the following V54.16.x firmware releases:

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<td>25 October 2010</td>
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<tr>
<td>V54.16.1Z</td>
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V54.17.14Z

Release Date: 09 April 2014

This firmware release includes features of the previous V54.17.12Z release. It is for use with the following printer models:

- HC100

Changes

- None.

Issues Corrected

- Wristbands will no longer be intermittently be pulled back into the cartridge if the user installs a cartridge and then powers up.
Summary of Firmware Changes

V54.17.12Z

Release Date: 28 August 2012

This firmware release includes features of the previous V54.16.3ZA release. It is for use with the following printer models:

- HC100

Changes

- The HC100 Printer now supports print speeds of 4ips on specific media cartridges
- The HC100 Printer now supports a WLAN radio.

Issues Corrected

- Printing is no longer interrupted when a print job using RTC rolls over to 00:00.
- The Datamatrix barcode is now more tolerant of data that uses spaces in the ^FD data.
- The printer will not reset when using ~HQPP or ~WQPP.
- Invalid selection. Press Enter to continue no longer appears when hitting Enter during a telnet (port 23) session.
- Print servers now properly handle fragmented TCP packets.

V54.16.3ZA

Release Date: 25 October 2010

This firmware release includes features of the previous V54.16.3Z release. It is for use with the following printer models:

- HC100

Changes

None.

Issues Corrected

- The Print Server will now completely close a connection after a connection timeout.
V54.16.3Z

Release Date: 31 December 2009

This firmware release includes features of the previous V54.16.2Z release. It is for use with the following printer models:

- HC100

Changes

None.

Issues Corrected

- Multiple connections being opened and closed at the same time will no longer cause labels to print out of order.

V54.16.2Z

Release Date: 15 August 2009

This firmware release includes features of the previous V54.16.x release. It is for use with the following printer models:

- HC100

Changes

- Firmware version number updated with no functional changes.

V54.16.1ZD

Release Date: 26 May 2009

This firmware release includes features of the previous V54.16.x release. It is for use with the following printer models:

- HC100

Issues Corrected

- The wired and wireless print servers will now close the connection when the Host resets a connection that does not contain any data.
V54.16.1ZC

Release Date: 10 March 2009

This firmware release includes features of the previous V54.16.x release. It is for use with the following printer models:

- HC100

Changes

- Autoexec files will now only run once the media cartridge has been inserted.

Issues Corrected

- Improved media cartridge recognition.
- Unnecessary media movements will now not occur when a new media cartridge is loaded.

V54.16.1ZB

Release Date: 12 January 2009

This firmware release includes features of the previous V54.16.x release. It is for use with the following printer models:

- HC100

Issues Corrected

- The internal 10/100 Print Server now responds to TCP packets when sent at a high rate.
- The print server will remain on-line after a very high level of NetBIOS traffic.
- The print server will now respond correctly to LPQ Stat inquiries and LPD job control messages.
- The printer will now retain the default gateway address after a power cycle.
- Autoexec.zpl files are now processed correctly during start up.

V54.16.1Z

Release Date: 09 May 2008

This is the initial firmware release for the following printer models:

- HC100
New Features

New implementation to support new printer models.

- Supports ZPL II, XML, and ZBI 2.0
- Supports internal wired and wireless printing
- New SetGetDo commands*


Table 1 lists the security types that are supported by the Internal Wireless Plus Print Server.

<table>
<thead>
<tr>
<th>Security Type</th>
<th>Supported?</th>
<th>Security Type</th>
<th>Supported?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open</td>
<td>Yes</td>
<td>WPA- EAP-FAST</td>
<td>Yes</td>
</tr>
<tr>
<td>EAP-FAST</td>
<td>Yes</td>
<td>WPA- EAP-TLS</td>
<td>Yes</td>
</tr>
<tr>
<td>EAP-TLS</td>
<td>Yes</td>
<td>WPA- EAP-TTLS</td>
<td>Yes</td>
</tr>
<tr>
<td>EAP-TTLS</td>
<td>Yes</td>
<td>WPA- PEAP</td>
<td>Yes</td>
</tr>
<tr>
<td>Kerberos</td>
<td>Not Supported</td>
<td>WPA2 - LEAP</td>
<td>Yes</td>
</tr>
<tr>
<td>LEAP</td>
<td>Yes</td>
<td>WPA2 - PSK</td>
<td>Yes</td>
</tr>
<tr>
<td>PEAP</td>
<td>Yes</td>
<td>WPA2 - EAP-FAST</td>
<td>Yes</td>
</tr>
<tr>
<td>WEP (40 bit and 128 bit)</td>
<td>Yes</td>
<td>WPA2 - EAP-TLS</td>
<td>Yes</td>
</tr>
<tr>
<td>WPA - LEAP</td>
<td>Yes</td>
<td>WPA2 - EAP-TTLS</td>
<td>Yes</td>
</tr>
<tr>
<td>WPA - PSK</td>
<td>Yes</td>
<td>WPA2 - PEAP</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Wireless Notes

The following items are issues Zebra has noted during testing with various wireless networking products:

- It is recommended to set WPA Handshaking to 1000.
- It is recommended to disable the Aironet Extensions.
- It is recommended to use Cisco Access Point firmware 12.3(8)JAE1 or later.

For support, please visit www.zebra.com/support or refer to the contact options below:

<table>
<thead>
<tr>
<th>Geographic Location</th>
<th>Telephone</th>
<th>Toll-free</th>
<th>FAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Americas</td>
<td>+1-847-955-2299</td>
<td>+1-877-ASK-ZEBRA</td>
<td>—</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>+65-6858-0722</td>
<td>—</td>
<td>+65 6885 0838</td>
</tr>
<tr>
<td>Europe, Africa, Middle East, India</td>
<td>Please contact your supplier.</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>