

# Software Release Notes

## Release Notes Barcode Label Printer Firmware Update: version 17

Date: 10-13-2020

Honeywell is releasing a new printer firmware version, Version 17, which provides new functionality and fixed defects for certain barcode label printers. You can find the new firmware for these printers at <https://hsmftp.honeywell.com/>.

### AFFECTED PART NUMBERS

Printer models affected include:

	PX940
	PM43, PM43C, PM23C
	PC23, PC43D/T
	PC42D, PC42
	PD43
	PM42
	PX41E, PX61E

Visit <https://hsmftp.honeywell.com/> to download the Printer Firmware Release Notes, Version 17.

Please refer to the online help or the printer user manual for additional information on the features and use of the printer firmware and your printers. If you have questions, please contact your Honeywell representative.

### ABOUT THIS CHANGE

# Software Release Notes

Changes in the new version include:

- Security fixes from MR16 ported to PC23/43, PC42, PD43, PM42, PX4ie/6ie.
  - Updated libraries
  - Updated modules
  - Improve printer web page security (including https support)
  - Secure firmware update (except PC23/43 and PD43)
- Further printer web page security fixes since MR16 for all Fiji platform printers.
  - Updated libraries
  - Updated C# modules
- Ignore command implementation for DP/FP
- Overall enhancements for Verifier
  - Enable / disable barcode verification for selected barcode symbology
  - Allow user to select to void the label when unsupported barcode exists
  - Improve dirt detection during verifier calibration
  - Allow user to save both good and bad verification scanned images
  - Allow option to disable “Abort” button on verification failed screen
  - Allow option to configure void label coverage
- Scanning speed improvements for Verifier from 8 ips to 10 ips
- Expanded barcode support for Verifier
  - 10 mil support for QR code and Datamatrix
  - QR code, Code 93
- Expanded support for Connectivity Agent
  - Install the Applications (Fingerprint & Smart Printing), webforms and label formats on the FIJI Printers from Cloud
  - MQTT Client Implementation
    - MQTT commands for file update, reboot, factory restore, print test labels
  - New Design to avoid memory leaks and Application Crash
  - Added more data points in telemetry
  - Added more Events
  - Enroll the device with CAConfig.json file for discovery feature
  - Bundle file extraction and install all packages

## Software Release Notes

- Display Status of Connectivity Service on web page
- Install the Wifi and other client certificates.
- Printer should post events to cloud based on Alerts Status
- Telemetry Interval Setting Restriction to 1 hour
- Support encrypted HCC Coordinates (UID,FP) sent through Discovery tool
- Include Asset Poll Frequency as part of Device Enrollment payload being sent from Device to HCC

### PCR/ Improvements

Summary
Add ignore command setting for FP and DP
Enable / disable barcode support
Adjust verifier calibration algorithm for white sampling line
Store X number of latest verification images (compressed)
Enable/disable USB export through setting.
Void the label when unsupported barcode exists
Display verifier calibration expired date in the verifier result report in webpage
Increase scanning speed to 10ips
PCR 34536 - PX940 allow option to hide "Abort" on verification failed screen
PCR 33986 - PX940 verifier 10 mil GS1 Datamatrix support
PCR 33734 - PX940V- support for QR Code and Code 93 requested
Merge PCR33206 PX940 Verifier void distance setting to trunk
PCR 33206 - PX940 Verifier void distance setting
PCR-34419 PX940 is required to support printing different sizes labels
PCR 34662 - SWYB / PX4iE
PCR-35277: PX940A sometimes cannot peel the customer's labels.
PCR 34319 - PDxx and PMxx Series XML and Driver Printing Support on 9100 Port
Fix the Text Field with white border for PCR



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PCR 34137 - SWYB / PX940x
PCR - 34171 ZSIM Issue-PM42/PD43
PCR-33752 Printing and calibration need to be done according to the specified media type
PCR 33303 - New Feature Request for PM43c + 600dpi
PCR 32875 - PC23d Bluetooth Enhancement
PCR 32220 - PM43- does not calibrate preprinted labels correctly
PCR-32264: Command not interpreted by PC43t
Admin ability to send new events to cloud
Send an alert to HCC, If any manage services settings modified
Add VII service for Manage Services change event
Admin able to add more data points in telemetry
Include IP Address of the printer to telemetry packet and send it to HCC
Display Status of Connectivity Service on web page
Bundle file extraction and install all packages
Admin able to push CAConfig.json file over FTP and Printer should enroll with HCC after reboot
MQTT Client Implementation
[Industrial Printers] Admin able to install the Applications (Fingerprint & Smart Printing) and Webforms on the FIJI Printers from Sinaps/HCC
[Industrial Printers]: Decrypt client certificate password and install the certificate

## EWR Fixes

Summary
EWR 35877 - Wifi password deleted
EWR 33795 - PM43 ZSim2 does not print Aztec barcode correctly

# Software Release Notes

EWR 32819 - Data/PX940/^FT zsim2 command not working properly

EWR 33931 - PX940V Must Not Reprint label for incomplete print when reprint off

EWR 33943: PX940 IPL Peel-Off mode fail to verify barcode

EWR 33931 - PX940V Must Not Reprint label for incomplete print when reprint off

EWR-33616 data matrix barcode scanning result is different from reference printer

EWR 35135 - PX4E 400dpi-IPL-PRINT differences vs PX4i

EWR 34787 - PX4ie - Unable to change Web UI to custom design

EWR 34549- Fingerprint app gets blocked on PX Refresh

EWR 34269 - Px4ie fails to create UDP client due to DLL error

EWR 34099 - The front keypad is linked to keypad onscreen and not as a separate keyboard/pad

EWR 33374 - PX6E freezes on customer application

EWR 34179 -PM42 - The headtest A%=HEAD(B\$) fingerprint command does not return the correct results

EWR 34691 - PM43 with P10.15.018971 will not associate to an AP with hidden SSID

EWR 34164 - Wireless connection printer with Cisco backbone unstable when data-rates are only .11g

EWR 35376 - PC23d printing ZPL scripts (\&)problem



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# Software Release Notes

EWR 35299 - PX4ie IPL incorrect response downloading font

EWR 34966 - PX4ie performs different to PX4i

EWR 35232 - While calling TRANSFER K "R" command FingerPrint crashes with error

EWR 34898 - PC42D ZPL II ^SN command is not working properly

EWR34633-PC42t Back feed issue while printing DPL scripts

EWR34640:PX940A-ZSim2 simulation 300dpi -600dpi Print font is not the same as MR16

EWR34578:PX940V verifier couldn't read the INT2OF5 barcode with horizontal

EWR 34556 - IPL Profiles: Stop and Start Adjust vales do not load properly

EWR 34307- PC43T,Always come with blank label on every printing

EWR 34446 - PC42 INPRINT function will not work any longer

EWR 34216 - PM43 with 403 DPI and Z-Sim wrong barcode scaling

EWR 34175 - PM42-DP-cannot print Thai font correctly via UTF-16LE

EWR 34066 - PM43 - Unable to change Web UI to custom design in MR15

EWR 33956 - 203dpi PM43 not printing graphics

EWR 33847 - PC43T printing Raw IPL

EWR 33848 - PM43 406dpi printer worked with windows driver, the driver will appear 'out of paper' error

# Software Release Notes

EWR-33657\_BX code\_ the scan data is not same as reference

EWR 33811 - PM43, Lost 2D barcode and Logo in ZSIM mode sometimes

EWR 33785 - PM43/PC43-DPL-Font and barcode differences vs M4206 MKII

EWR 33781 - Imprint - PX940V - ZPL template and data is not printing serialization

EWR-33741 the barcode size was small when change when select zpl simulation from 600->300dpi

EWR 33714 - IPL Profiles: Stop and Start Adjust vales do not load properly

EWR 33684 - Transparent images (png) are not properly displayed with C# applications on the printer

EWR 33696 - PM43-DPL-Label rotation not working(90deg/270deg)

EWR 33683 - Paper Out Error When Using Autosense / ZPL Emulation

EWR 33646 - PC43t: In DPL IVR Mode it does not ask for Print Quantity

EWR 33642 - Fingerprint App Not able to connect on OS higher than Server 2003

EWR 33523 - PM42-C#-Printing delay and unable to close the application.

EWR 33573 - PM43 not printing embedded graphics

EWR 33443 - PM42 E-Sim label get lost when error out of media occurs

EWR 33227 - ZPL's CI10 command removes all Zero characters when using c or C font

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ZPL Issue -EWR 35266 PX940's Zsim2 printout is different from Reference printers

EWR 33150 - C# program containing text box crashes after printing a few labels

EWR 32984 - with Cutter open, printer prints continuously

EWR 32961 - PD43(Peel mode) printing is not normal in first 3 labels

EWR 32922 - text is printed outside of Box

EWR 32389 - PM43 SNMP: Unable to load MIBs

EWR 31908 - PM43 ZSim does not print all fields in correct position

To install firmware, user should follow the instructions in the printer's User Guide.

Honeywell recommends that users make it a practice to upgrade to the latest firmware versions when they are released and to follow the existing instructions found in the User Guide to ensure the highest levels of security.

For additional product materials including manuals, downloads, and sales resources, please visit the specific printer product page on your regional **Honeywell Productivity and Workflow Solutions website**.