V75.19.10Z and earlier
Summary of Firmware Changes

This document summarizes the following firmware releases:

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V75.19.10Z

Release Date: 07 January 2015

This firmware includes all features of the previous V75.19.7Z release, except where noted otherwise. It is for use with the following printer models:

- ZT410™ (203, 300, and 600 dpi)
- ZT420™ (203 and 300 dpi)

Changes

- Wi-Fi certification for this model is now based on the Standard Zebra Wireless driver
- Ad-Hoc wireless is now supported.
- Opportunistic Key Caching (OKC),"Fast Roaming" is now supported on WLAN connections.
- The Network Time Protocol (NTP), which allows setting the printers clock based on a time server, is now supported.
- A secondary Bluetooth® channel for management tasks has been added.
- The total label count odometer value has been added to the configuration label .
- The Avalanche client now supports reporting a successful printer OS update.
- The printer will now validate that user-assigned network port number assignments do not conflict with each other.
- The OpenSSL version the printers use is now v1.0.0m.
- The `"device.jobs_print"` SetGetDo command is now supported.
- Country support for RFID has been expanded.
- Monza 4, 5 and 6 tags are now supported.
- The Link-OS version is now v2.5.

Issues Corrected

- Throughput for small label (1.5" long and shorter) has been enhanced.

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- Support for CCX is now available via the Zebra Development Services team, so that implementations can be tailored to individual network needs.
- `^HZA` responses when running ZBI programs have been corrected to include all expected data.
- WML has been corrected to consistently show messages positioned in the bottom center of the screen.
- ZBI processing of formats larger than 32K has been corrected.
- The WLAN MAC address will now be consistently reported after a power up event when a new main logic board has been installed .
- The `~JP` command now correctly pauses the printer.
- The Czech and Russian translations on the front panel have been updated.
- The `bluetooth.bonding` setting will now be returned via either a JSON Bluetooth branch or allconfig request.
- MAC address reporting has been enhanced to ensure address is correctly reported at startup.
- Management of Bluetooth connections has been enhanced to ensure data integrity when new connections are being made while data from a prior connection is still being processed.
- The E:SYSLOG.TXT file will only be saved to the E: drive when the `"device.syslog.save_local_file"` setting is set to `"yes"`.
- An UCC/EAN128 barcode, using mode D, which contains an odd number of digits following a subset A/B section will now print correctly.
- Spaces are now allowed in `"netmanage.avalance.set_property"` SetGetDo commands.
- Recalling formats that contain serialized fields with XML is now functional.
- The printer web page label preview function has been enhanced to support longer labels.
- Keyboard Display Unit support has been enhanced to correctly support processing Real Time Clock fields.
- The RFID antenna setting will now be saved after an RFID calibration.
- USB Mirror events will not run at the same time as IP based Mirror events.
- EPL cut mode processing has been enhanced to better handle repeated cut events in a batch.

V75.19.7Z

Release Date: 14 February 2014

This firmware release is for use on the following printers:

- ZT410™ (203, 300, and 600 dpi)
- ZT420™ (203 and 300 dpi)

Changes

This is the initial release for this platform, with these features:

- Dual support for ZPL II® and EPL2™.
- Support for the Profile Manager app, using Cloud Connect.
- Support for the Print Touch app.
- On-screen QR Codes that can be displayed on the printer's LCD during Warning and Error events.
- USB Mirror (automated printer management via USB). DOS Fat 32 formatted memory stick with the Mirror directory structure required. See the USB Mirror documentation for details.
- Ability to use a USB Human Interface device type (a keyboard or scanner) to fill templates stored on the printer, via the on-printer Print Station app.
- Ability to transfer selected file types from a USB memory stick to the printer. DOS Fat 32 formatted memory stick required.
- Ability to transfer selected file types from the printer to a USB memory stick. DOS Fat 32 formatted memory stick required.
- New SetGetDo commands have been created; consult the *Programming Guide* for details.
- Real time clock.
- RFID-Ready.
- System event logging.