Release Notes – Zebra Android Oreo 01-18-02.00-ON-U00-STD Release (AOSP)

Highlights

The details of the Android AOSP(NON-GMS) Oreo release 01-18-02.00-ON-U00-STD that covers family of products including TC5x, TC7x, PS20x. Please see, Device Compatibility under Addendum Section for more details.

Artifacts

Package Name	Description
HE_FULL_UPDATE_01-18-02.00-ON-U00-STD.ZIP	Full Package Update
HE_DELTA_UPDATE_01-13-20.00-ON_TO_01-18-02.U00-ON.ZIP	Delta Package Update

Security Updates

This build is Compliant up to Android Security Bulletin of March 01 2019.

New Features

- Added the ability to stage from an SD Card or External USB drive.
- Added the ability to encryption responses from Mx XML
- Improved security for barcode, NFC and audio staging.
- Added Secure Access Module (SAM) API.
- Added Dot Code symbology support for SE4750 and SE4850 engines
- Added Signature Capture symbology support
- Added Digimarc decoding with Camera
- Added Instant Data Reporting for Multi-barcode capture
- Added presentation mode scanning support
- Added Worry Free Wi-Fi (WFW) coverage view 1.0
- Added Worry Free Wi-Fi (WFW)-Connection Analysis
- Added Worry Free Wi-Fi (WFW)-Trace route
- WAN Specific (Not Applicable for WLAN only devices)
  - Added disable GSM/GPRS/EDGE (Telstra)

Fixes

- Fixed access restriction when reduced settings is enabled.
- Fixed initialization issue with MXMF following a device reboot

- Fixed SPR36387 on MC33 (Android O) when EHS 3.1 does not launch.
- Fixed: scanning mis-decodes for SE4750

Component Versions

Component / Description	Version
Product Build Number	X1-18-02.00-ON-U00-STD
Android Version	8.1.0
Security Patch level	March 1, 2019
Linux Kernel	4.4.78
Additional Component Information	Link

Installation Requirement and Instructions

https://www.zebra.com/content/dam/zebra_new_ia/en-us/software/operating-system/helios/oreo-os-update-instructions.pdf

Upgrade options

Below table provides detailed information on shortest path to upgrade based on current version of software.

Current Software Version on Device	Steps to get to this Release	Comments
01-12-01.00-ON-Uxx	Apply Full Package Update HE_FULL_UPDATE_01-18-02.00-ON-U00-STD.ZIP	
01-13-20.00-ON-Uxx	**Option 1:** Apply Delta Package Update HE_DELTA_UPDATE_01-13-20.00-ON_TO_01-18-02.U00-ON.ZIP **Option 2:** Full Package Update Apply HE_FULL_UPDATE_01-18-02.00-ON-U00-STD.ZIP	**Option #1 is recommended** as size of Delta package update is smaller compared to Full Package Update

Known Constraints

Below are Known Constraints and workaround if applicable.

- WiFi sleep policy set to "Always" (Android O limitation)

Addendum

Device Compatibility

This software release has been approved for use on the following devices.

Device Family	Part Number	Product Specific Manual
TC52	TC520K-2PEZU4P-CN TC520K-2PEZU4P-CN TC520K-2HEZU4P-CN	Visit Manuals Section under TC52 Home Page
TC72	TC720L-0ME24B0-CN	Visit Manuals Section under TC72 Home Page
PS20	PS20J-B2G2CN00 PS20J-P4G2CN00	Visit Manuals Section under PS20 Home Page
TC77	TC77HL-52E24BD-CN	Visit Manuals Section under TC77 Home Page
TC57	TC57HO-2PEZU4P-CN	Visit Manuals Section under TC57 Home Page

Revision History

REV	DESCRIPTION	DATE
1.0	Initial Release	April 17, 2019