

Release Notes – Zebra Android Oreo 01-18-02.00-OG-U03-STD Release (GMS)

Description

The details of the Android GMS Oreo release 01-18-02.00-OG-U03-STD that covers family of products including MC9300. Please see, Device Compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
HE_FULL_UPDATE_01-18-02.00-OG-U00-STD.ZIP	Full Package Update
HE_DELTA_UPDATE_01-18-02.00-OG-U03-STD.ZIP	Delta Package Update (Mandatory)

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of March 01 2019.

New Features

- Added support for [GMS Restricted mode 3](#).
- Added the ability to skip the GMS Setup wizard and stage configuration with one barcode
- Added the ability to stage from an SD Card or External USB drive using StageNow
- Added the ability to encryption responses from Mx XML in [MXMF](#)
- Added Secure Access Module (SAM) API
- Added support to cover FIPS SKU's
- Added support for notification when Full OS upgrade happening in background.
- Barcode Scanning
 - 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
 - Improved security for barcode, NFC and audio staging
- WLAN
 - Added Traceroute capability in [WorryFree WiFi](#) (WFW).
 - Added Voice capability for Aerohive and Meraki.
- WAN Specific (Not Applicable for WLAN only devices)
 - Added disable GSM/GPRS/EDGE (Telstra)

Fixes

- Fixed: SPR36117/36095 – Resolved an issue wherein the scanned data would not come to the Apps, Airplane menu item was missing in the Power key menu and Home and recent buttons were not functional.

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	01-18-02.00-OG-U03-STD
Android Version	8.1.0
Security Patch level	March 1, 2019
Linux Kernel	4.4.78
Component Versions	Please see Component Version under Addendum section

Installation

Requirements and Instructions

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

Known Constraints

Below are Known Constraints and workaround if applicable.

- WiFi sleep policy set to “Always” (Android O limitation)
- GMS Restricted Mode is introduced in this release. Customers using Enable/Disable GMS apps may want to consult the settings types for App Manager, Power Manager and GMS Manager in Zebra's Tech Docs. Functionality originally in Enable/Disable GMS apps (App Manager) has been moved to GMS Restricted Mode (GMS Manager).
- Scroll bar appears while pressing backspace when using GBoard. Please update GBoard via PlayStore to version greater than 8.0.4.236324529 to avoid this.

- **Addendum**

Device Compatibility

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

Device Family	Part Number	Device Specific Manuals and Guides
TC52	TC520K-1PEZU4P-A6 TC520K-1PEZU4P-NA TC520K-1PEZU4P-IA TC520K-1PEZU4P-EA	Visit Manuals Section under TC52 Home Page
TC72	TC720L-0ME24B0-A6 TC720L-0ME24B0-NA TC720L-0ME24B0-BR TC720L-0ME24B0-IA TC720L-0ME24B0-TN	Visit Manuals Section under TC72 Home Page
PS20	PS20J-P4G1A600 PS20J-P4G1NA00 PS20J-B2G1A600 PS20J-B2G1NA00	Visit Manuals Section under PS20 Home Page
TC77		Visit Manuals Section under TC77 Home Page
TC57		Visit Manuals Section under TC57 Home Page
CC600	CC600-5-3200LNNA CC6000-10-3200LCEU CC6000-10-3200PCEU CC600-5-3200LNEU CC600-5-3200LNIN	
CC6000	CC6000-10-3200LCWW CC6000-10-3200PCWW CC600-5-3200LNWW CC6000-10-3200LCNA CC6000-10-3200PCNA CC6000-10-3200LNNA	
VC8300	VC83-08FOCABAABA-I VC83-08FOCQBAABA-I VC83-08FOCQBAABANA VC83-08SOCABAABA-I VC83-08SOCQBAABA-I VC83-08SOCQBAABANA	
TC8300	TC83B0-2005A510NA TC83B0-2005A510RW TC83B0-2005A61CNA TC83B0-2005A61CRW TC83B0-3005A510NA TC83B0-3005A510RW TC83B0-3005A61CNA TC83B0-3005A61CRW TC83B0-A005A510NA TC83B0-A005A510RW	Visit Manuals Section under TC8300 Home Page

	TC83BH-2205A710NA TC83BH-2205A710RW TC83BH-3205A710NA TC83BH-3205A710RW	
MC9300	MC930B-GSEDG4NA MC930B-GSEEG4NA MC930B-GSEGG4NA MC930B-GSEDG4RW MC930B-GSEEG4RW MC930B-GSEGG4RW MC930B-GSCDG4NA MC930B-GSCGG4NA MC930B-GSCEG4NA MC930B-GSADG4NA MC930B-GSAEG4NA MC930B-GSAGG4NA MC930B-GSCDG4RW MC930B-GSCGG4RW MC930B-GSCEG4RW MC930B-GSADG4RW MC930B-GSAEG4RW MC930B-GSAGG4RW	<p>Visit Manuals Section under MC93 Home Page</p> <p>Note: Check the value in "Settings->System->About phone->SW Components->HW ID". Only the devices with a value of 509 are supported in this release</p>



Component Version

Functional Area	Versions
Acoustics Profiles	For TC57 General: G03.7 Cellular: G03.5
	For TC77 General: H02.7 Cellular: H02.5
ActiveEdge	2.5.16
AnalyticsMgr	2.4.0.1140
Audio (Microphone and Speaker)	0.34.0.0
Battery Management	Version: 1.4.2
Bluetooth Pairing Utility	Version: 3.14
Data Analytics	3.5.0.1048
DataWedge	7.3.18
Device Central	2.0.25.1
Diagnostic Tool	1.17.0.9
EMDK	7.3.14.2314
Enterprise Keyboard	2.1.1.0
Fota	1.0.0.3
License Manager and License Agent	version 3.2.0 and version 3.2.0.3.2.0
MX	MXMF version:9.0.2.4
OSX	QCT.81.8.14.7
PTT Express	3.1.40
Rxlogger and RxLoggerUtility	Version 5.4.13.0 and Version 1.3.3.8
Scanning Framework	22.7.6.0
WorryFree Wifi Analyzer (WFW)	WFW_QA_2_3.4.0.002_O
StageNow	3.3.1.2000
Touch Panel	2.0-Finger-1-0:0x826e9a for Thunder
WLAN	FUSION_QA_2_1.4.0.010_O
WWAN (Data & Voice)	Baseband Version: W190315A_3.1-00753
Zebra Data Service	3.5.0.1048
Zebra Volume Control (ZVC)	2.1.0.20
Zebra Folders	8.1

Revision History

REV	DESCRIPTION	DATE
1.0	Initial Release	April 17, 2019
1.1	Added a note section in the MC93 table under the device compatibility section	Apr 23, 2020