

# Release Notes – Zebra Android Oreo 01-18-02.00-OG-U00-STD Release (GMS)

## Description

The details of the Android GMS Oreo release 01-18-02.00-OG-U00-STD that covers family of products including TC5x, TC7x, PS20x, TC8300, VC8300 and CC600, CC6000. 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_01-13-20.00-OG_TO_01-18-02.U00-OG.ZIP	Delta Package Update

## 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-U00-STD
Android Version	8.1.0
<a href="#">Security Patch level</a>	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](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-OG-Uxx	Apply Full Package Update HE_FULL_UPDATE_01-18-02.00-OG-U00-STD.ZIP	
01-13-20.00-OG-Uxx	<p><b>Option 1:</b> Apply Delta Package Update HE_DELTA_UPDATE_01-13-20.00-OG_TO_01-18-02.U00-OG.ZIP</p> <p><b>Option 2:</b> Full Package Update Apply HE_FULL_UPDATE_01-18-02.00-OG-U00-STD.ZIP</p>	<b>Option #1 is recommended</b> as size of Delta package update is smaller compared to Full Package Update
01-18-02.00-OG-Uxx	Apply Full Package Update HE_FULL_UPDATE_01-18-02.00-OG-U00-STD.ZIP	

## 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 <a href="#">TC52 Home Page</a>
TC72	TC720L-0ME24B0-A6 TC720L-0ME24B0-NA TC720L-0ME24B0-BR TC720L-0ME24B0-IA TC720L-0ME24B0-TN	Visit Manuals Section under <a href="#">TC72 Home Page</a>
PS20	PS20J-P4G1A600 PS20J-P4G1NA00 PS20J-B2G1A600 PS20J-B2G1NA00	Visit Manuals Section under <a href="#">PS20 Home Page</a>
TC77	(This is approved for ROW only) TC77HL-5ME24BG-A6 TC77HL-5ME24BG-NA TC77HL-5ME24BG-FT (FIPS SKU) TC77HL-5ME24BD-IA TC77HL-5ME24BD-BR TC77HL-5ME24BD-ID TC77HL-5ME24BG-EA TC77HL-5MG24BG-EA TC77HL-6ME34BG-A6	Visit Manuals Section under <a href="#">TC77 Home Page</a>
TC57	(This is approved for ROW only) TC57HO-1PEZU4P-A6 TC57HO-1PEZU4P-NA TC57HO-1PEZU4P-EA	Visit Manuals Section under <a href="#">TC57 Home Page</a>
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 TC83BH-2205A710NA TC83BH-2205A710RW TC83BH-3205A710NA TC83BH-3205A710RW	Visit Manuals Section under <a href="#">TC8300</a> <a href="#">Home Page</a>
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## 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
<a href="#">EMDK</a>	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
<a href="#">MX</a>	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
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
<a href="#">Zebra Volume Control (ZVC)</a>	2.1.0.20
Zebra Folders	8.1

## Revision History

REV	DESCRIPTION	DATE
1.0	Initial Release	May 16, 2019