



# Release Notes for Zebra Android Oreo 02-32-04.00-OG-U09-STD Release (GMS)

## Highlights

The details of the Android GMS Oreo LifeGuard release 02-32-04.00-OG-U09-STD that covers family of products including TC51, TC56, TC70x, TC75x, VC80x, MC3300 and MC3300R. Please see, Device Compatibility under Addendum Section for more details.

LifeGuard patches are cumulative and include all previous fixes that are part of earlier patch releases.

## Software Packages

Package Name	Description
ATLAS_DELTA_UPDATE_02-32-04.00-OG-U09-STD.zip	LG Package Update

## Security Updates

This build is Compliant up to [Android Security Bulletin](#) of November 05 2020.

## Cellular carrier supported

AT&T, Verizon Wireless, Sprint and Telstra.

## Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	02-32-04.00-OG-U09-STD
Android Version	8.1.0
Security Patch level	November 5, 2020
Linux Kernel	3.10.84
Component Versions	Please see Component Version under Addendum section

## LG U09 Updates

- ❖ ATLAS\_DELTA\_UPDATE\_02-32-04.00-OG-U09-STD.zip (GMS)
  - Updated below mentioned component:
    - OSx - QCT.81.8.12.13

## LG U08 Updates

- ❖ ATLAS\_DELTA\_UPDATE\_02-32-04.00-OG-U08-STD.zip (GMS)
  - Updated below mentioned components:
    - MXMF - 10.2.0.25
    - DataWedge - 8.2.48
    - StageNow - 5.0.0.1
    - EMDK - 8.2.4.2804
    - Zebra Volume Control (ZVC) - 2.3.1.11
    - Zebra Software License Manager - 4.1.1
    - WorryFree WiFi Analyzer - WFW\_BA\_2\_7.0.0.001\_O
    - Fusion - FUSION\_BA\_2\_11.1.0.005\_O
    - Radio - BA\_2\_11.1.0.003\_O
    - Application - BA\_2\_11.1.0.004\_O
    - Middleware - BA\_2\_11.1.0.004\_O
  - **Resolved Issues**
    - SPR39697 - Resolved an issue wherein touch gets auto released after 30 secs during long press event in TC51/56 device.
    - SPR40439 - Resolved an issue wherein the VC80X touch calibration does not persist after reboot.
    - SPR40308 - Resolved an issue where TC51 experiencing slow WiFi operation when BLE scan/transmit was running on same band.
    - Added support to change the device's domain selection like from voice to data and vice versa.
    - Added support for 802.11k Link and Beacon Measurement.
    - Added Keyboard Audible Feedback feature support on MC33 and VC80x and ability to control volume of Keyboard Audible Feedback by MDM.
    - Added feature in OemInfo to verify the signature and grant read data access to applications signed with Zebra OEM keys or MX Plugin CSP keys.
    - Added feature in ZDS to receive southbound messages from FCM in Oreo devices.
    - Added Support for Trusted Device Pairing and Single Pairing feature over Bluetooth.
    - WFW Roaming and Voice Analysis enhancements.

## LG U07 Updates

### ❖ ATLAS\_DELTA\_UPDATE\_02-32-04.00-OG-U07-STD.zip (GMS)

#### ○ Updated below mentioned components:

- MXMF - 10.1.0.47
- DataWedge - 8.1.47
- EMDK - 8.1.9.2709
- OSx - QCT.81.8.12.6
- WiFi Firmware - 7.35.205.8\_20200421
- WorryFree WiFi Analyzer - WFW\_BA\_2\_6.0.0.002\_O

#### ○ Resolved Issues

- SPR39491 - Resolved an issue wherein voice calls intermittently becomes one way when connected in a FT (802.11r) network.
- SPR40260 - Resolved an issue wherein the QR Code provisioning from Built-In Scanner fails if the component name in QR code has implicit class name.
- SPR40326 - Resolved an issue wherein Mobile Network menu gets disabled when the SettingsMgr CSP disabled Airplane mode.
- WFW VoIP Analysis - SIP-RTP Enhancement.

## LG U06 Updates

### ❖ ATLAS\_DELTA\_UPDATE\_02-32-04.00-OG-U06-STD.zip (GMS)

#### ○ Updated below mentioned components:

- Scanning Framework - 23.2.8.0
- Digimarc Library - 3.8.1
- Baseband - ATLAS-W200720A-008.2-00033.0

#### ○ Resolved Issues

- SPR40075 - Resolved an issue wherein VC80x was rebooting randomly.
- SPR40250 – Resolved an issue wherein user was unable to power off the device by clicking on the Power menu item while automation suite was running on the device.
- SPR40284 - Resolved an issue wherein Pac Auto Proxy was not working at times.
- SPR37862 - Added support for “Send Characters as Events” option.
- SPR40347 – Resolved an issue wherein streaming of certain MP3 files used to fail.
- SPR39808 - Resolved an issue wherein timestamp was missing in DotCode scanned data.
- SPR38723 - Added support to limit the max log size in Rxlogger QxDM Plugin.

## LG U03 Updates

### ❖ ATLAS\_DELTA\_UPDATE\_02-32-04.00-OG-U03-STD.zip (GMS)

- Updated below mentioned components:
  - MXMF - 10.1.0.33
  - DataWedge - 8.1.38
  - EMDK - 8.1.6.2706
  - StageNow - 4.3.2.3
  - PTT Express - 3.1.46 (Added PTT Express A la Carte license)
  - Baseband - ATLAS-W200507A-007.3-00027.0
- **Resolved Issues**
  - SPR39647 – Resolved an issue wherein CODE39 symbology was not being decoded.
  - SPR39819 – Resolved an issue wherein an additional "Enter key" was being added in the barcode data when Datawedge ADF rule for Line feed Action Key Char was set to "Send Char" 10.
  - SPR39855 – Resolved an issue wherein device was unable to connect to internet using WIFI hotspot on Telstra network.

## LG U02 Updates

### ❖ ATLAS\_DELTA\_UPDATE\_02-32-04.00-OG-U02-STD.zip (GMS)

- Updated below mentioned components:
  - Fusion - FUSION\_BA\_2\_11.1.0.004\_O
  - Radio - BA\_2\_11.1.0.002\_O
  - Application - BA\_2\_11.1.0.003\_O
  - Middleware - BA\_2\_11.1.0.003\_O
- **Resolved Issues**
  - SPR39492 - Resolved an issue wherein device failed to connect to internet when connected via iPhone Wi-Fi hotspot.
  - SPR38712 – Resolved an issue wherein writing to ISO15693 NFC tags would fail.
  - SPR39933 - Resolved an issue wherein disabling of captive portal via StageNow was not working on TC75x HW ID 33 device.

## Installation Requirements

- ADB installed on the PC (including adb drivers)

- USB debugging turned ON (from Developer options)
- Download LG Package and Reset Packages (Optional)
- Device has at least:
  - Version 02-32-04.00-OG-U00-STD

## Installation Instructions

### Software update procedure

The installation instructions assume user has ADB installed on their PC (the adb drivers etc..) and user device has developer options enabled and USB debugging ON. Instructions on HOW TO enable ADB is also captured in the user guide. Please check following link for more information on installation and setup instructions.

- [Installation and setup instructions](#)

## Addendum

### Device Compatibility

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

#### [TC51 Home Page](#)

TC51	
Device Part Number	Operating System
TC510K-1PAZU2P-US	Android O
TC510K-1PAZU2P-A6	Android O
TC510K-1PAZU4P-US	Android O
TC510K-1PAZU4P-A6	Android O
TC510K-1HDZU2P-US	Android O
TC510K-1HDZU4P-US	Android O
TC510K-1HDZU2P-A6	Android O
TC510K-1HDZU4P-A6	Android O
TC510K-1PAZU2P-IA	Android O
TC510K-1PAZU4P-IA	Android O

#### [TC70x Home Page](#)

TC70x	
Device Part Number	Operating System
TC700K-0MB22B0-A6	Android O
TC700K-0MB24B0-A6	Android O
TC700K-0MB22B0-US	Android O
TC700K-0MB24B0-US	Android O
TC700K-0MB22B0-IA	Android O

FIPS and TAA Compliant SKUS	
Device Part Number	Operating System
TC510K-1PAZU4P-FT	Android O
TC510K-1HDZU2P-FT	Android O
TC510K-1HDZU4P-FT	Android O
TC700K-0MB24B0-FT	Android O

[TC56 Home Page](#)

TC56	
Device Part Number	Operating System
TC56CJ-1PAZU2P-US	Android O
TC56CJ-1PAZU2P-A6	Android O
TC56DJ-1PAZU2P-A6	Android O
TC56DJ-1PAZU2P-BR	Android O
TC56DJ-1PAZU2P-IA	Android O
TC56DJ-1PAZU2P-CN	Android O
TC56DJ-1PAZU2P-TN	Android O
TC56DJ-1PAZU2P-ID	Android O
TC56CJ-1PAZU4P-US	Android O
TC56CJ-1PAZU4P-A6	Android O
TC56DJ-1PAZU4P-A6	Android O
TC56DJ-1PAZU4P-BR	Android O
TC56DJ-1PAZU4P-IA	Android O
TC56DJ-1PAZU4P-TN	Android O
TC56DJ-1PAZU4P-CN	Android O
TC56DJ-1PAZU4P-ID	Android O

[TC75x Home Page](#)

TC75x	
Device Part Number	Operating System
TC75EK-2MB22AB-US	Android O
TC75EK-2MB24AB-US	Android O
TC75EK-2MF22AB-US	Android O
TC75EK-2MB22AF-US	Android O
TC75FK-2MB22AD-A6	Android O
TC75FK-2MB24AD-A6	Android O
TC75FK-2MB22AD-BR	Android O
TC75FK-2MB22AD-IA	Android O
TC75FK-2MB22AD-ID	Android O
TC75FK-2MB22AD-TN	Android O
TC75FK-2MF22AD-A6	Android O
TC75FK-2MB22AD-TW	Android O
TC75GK-2MB22AD-A6	Android O
TC75GK-2MB24AD-A6	Android O
TC75GK-2MF22AD-A6	Android O

FIPS and TAA Compliant SKUS	
Device Part Number	Operating System
TC56CJ-1PAZU4P-FT	Android O

  

FIPS and TAA Compliant SKUS	
Device Part Number	Operating System
TC75EK-2MB24AB-FT	Android O

[VC80x Home Page](#)

VC80x USA		
	Device Part Number	Operating System
Warehouse	VC80X-10SSRAAABA-U	Android O
Freezer	VC80X-10FSRAAABA-U	Android O
Outdoor	VC80X-10SORAAABA-U	Android O
VC80x Rest of the World		
Warehouse	VC80X-10SSRAAABA-I	Android O
Freezer	VC80X-10FSRAAABA-I	Android O
Outdoor	VC80X-10SORAAABA-I	Android O

MC3300 Home Page

MC3300	
Device Part Number	Operating System
MC330M-RL4SG2RW	Android O
MC330M-RL2SG2RW	Android O
MC330M-RL3SG2US	Android O
MC330M-RL2SG2US	Android O
MC330M-SL2HG2RW	Android O
MC330M-RL3SG2RW	Android O
MC330M-GL3HG2RW	Android O
MC330M-GI3HG2RW	Android O
MC330M-SL3HG2RW	Android O
MC330M-RL3HG2RW	Android O
MC330M-SL4HG2US	Android O
MC330M-SL3HG2US	Android O
MC330M-RL4SG2US	Android O
MC330M-RL3HG2US	Android O
MC330K-RL3SG3RW	Android O
MC330M-SN3HG2RW	Android O
MC330M-SI4HG2RW	Android O
MC330M-SI3HG2RW	Android O
MC330M-SI2HG2RW	Android O
MC330M-SI4HG2US	Android O
MC330K-GL4HG3RW	Android O
MC330K-GI4HG4RW	Android O
MC330K-GI4HG3RW	Android O
MC330M-SN4HG2US	Android O
MC330M-SI3HG2US	Android O
MC330K-RL3HG3RW	Android O
MC330M-GL4HG2RW	Android O
MC330M-GL2HG2RW	Android O
MC330M-GI4HG2RW	Android O
MC330M-GI4HG2IN	Android O
MC330M-GI3HG2IN	Android O
MC330M-GI2HG2RW	Android O

MC3300	
Device Part number	Operating System
MC330K-SE3HG3RW	Android O
MC330K-SE2HG3RW	Android O
MC330M-GL4HG2US	Android O
MC330M-GL3HG2US	Android O
MC330M-GL2HG2US	Android O
MC330M-GI3HG2US	Android O
MC330M-GI2HG2US	Android O
MC330K-SE4HG3US	Android O
MC330K-SE3HG3US	Android O
MC330K-GL4HG3US	Android O
MC330K-SE2HG3US	Android O
MC330K-GL4HG4US	Android O
MC330K-GI3HG3US	Android O
MC330K-SG3HG4RW	Android O
MC330K-SG2HG4RW	Android O
MC330K-GE4HG3US	Android O
MC330K-GE3HG3US	Android O
MC330K-GE2HG3US	Android O
MC330K-SG4HG4US	Android O
MC330K-SG3HG4US	Android O
MC330K-SG2HG4US	Android O
MC330K-GE4HG4US	Android O
MC330K-GE2HG4US	Android O
MC330K-GI3HG3IN	Android O
MC330M-SI3HG2IN	Android O
MC330M-GJ3HG2RW	Android O
MC330M-SK3HG2RW	Android O
MC330M-SJ4HG2RW	Android O
MC330M-SJ3HG2RW	Android O
MC330M-SJ2HG2RW	Android O
MC330M-SJ4HG2US	Android O
MC330K-GJ4HG4RW	Android O



MC330K-SL4HG3RW	Android O
MC330K-SL2HG3RW	Android O
MC330K-RL4HG3RW	Android O
MC330K-RL4HG3US	Android O
MC330K-SI3HG3RW	Android O
MC330K-SN4HG3RW	Android O
MC330K-SN3HG3RW	Android O
MC330K-SI4HG3RW	Android O
MC330K-SI2HG3RW	Android O
MC330K-GL3HG4RW	Android O
MC330K-GL3HG3RW	Android O
MC330K-GL2HG3RW	Android O
MC330K-GI3HG4RW	Android O
MC330K-GI3HG3RW	Android O
MC330K-GE4HG4RW	Android O
MC330K-GE4HG3RW	Android O
MC330K-GE3HG3RW	Android O
MC330K-GE2HG4RW	Android O
MC330K-GE2HG3RW	Android O
MC330K-SI4HG3US	Android O
MC330K-SN4HG3US	Android O
MC330K-SI3HG3US	Android O
MC330K-RC3HG4RW	Android O
MC330K-RC4HG4RW	Android O
MC330K-RC4HG4US	Android O
MC330M-GI4HG2US	Android O
MC330K-RC3HG4US	Android O
MC330K-SB3HG4RW	Android O
MC330K-SP4HG4RW	Android O
MC330K-SP3HG4RW	Android O
MC330K-SB4HG4RW	Android O
MC330K-SB4HG4US	Android O
MC330K-SP4HG4US	Android O
MC330K-SP3HG4US	Android O
MC330K-SB3HG4US	Android O
MC330K-GI4HG4US	Android O

MC330K-GJ4HG3RW	Android O
MC330M-SK4HG2US	Android O
MC330M-SJ3HG2US	Android O
MC330M-GJ4HG2RW	Android O
MC330M-GJ4HG2IN	Android O
MC330M-GJ3HG2IN	Android O
MC330M-GJ2HG2RW	Android O
MC330K-SJ3HG3RW	Android O
MC330K-SK4HG3RW	Android O
MC330K-SK3HG3RW	Android O
MC330K-SJ4HG3RW	Android O
MC330K-SJ2HG3RW	Android O
MC330K-GJ3HG4RW	Android O
MC330K-GJ3HG3RW	Android O
MC330K-SJ4HG3US	Android O
MC330K-SK4HG3US	Android O
MC330K-SJ3HG3US	Android O
MC330M-GJ4HG2US	Android O
MC330K-SA3HG4RW	Android O
MC330K-SM4HG4RW	Android O
MC330K-SM3HG4RW	Android O
MC330K-SA4HG4RW	Android O
MC330K-SA4HG4US	Android O
MC330K-SM4HG4US	Android O
MC330K-SM3HG4US	Android O
MC330K-SA3HG4US	Android O
MC330K-GJ4HG4US	Android O
MC330K-GJ4HG3US	Android O
MC330M-GJ3HG2US	Android O
MC330M-GJ2HG2US	Android O
MC330K-GJ3HG3US	Android O
MC330K-GJ3HG3IN	Android O
MC330M-SJ3HG2IN	Android O
MC330K-GI2HG3RW	Android O
MC330K-SP2HG4RW	Android O
MC330K-GJ2HG3RW	Android O

MC330K-GI4HG3US	Android O
MC330K-SE4HG3RW	Android O

MC330K-SM2HG4RW	Android O

### MC3300R Home Page

MC3300R	
Device Part Number	Operating System
MC333R-GI2HG4US	Android O
MC339R-GE2HG4US	Android O
MC339R-GF2HG4US	Android O
MC333R-GI2HG4EU	Android O
MC339R-GE2HG4EU	Android O
MC339R-GF2HG4EU	Android O
MC333R-GI2HG4IN	Android O
MC339R-GF2HG4IN	Android O
MC333R-GI2HG4JP	Android O
MC333R-GI2HG4WR	Android O
MC339R-GE2HG4WR	Android O
MC339R-GF2HG4WR	Android O
MC333R-GI4HG4WR	Android O
MC333R-GI4HG4JP	Android O
MC333R-GI4HG4IN	Android O

MC3300R	
Device Part number	Operating System
MC333R-GI3HG4US	Android O
MC339R-GE3HG4US	Android O
MC339R-GF3HG4US	Android O
MC333R-GI3HG4EU	Android O
MC339R-GE3HG4EU	Android O
MC339R-GF3HG4EU	Android O
MC333R-GI4HG4US	Android O
MC339R-GE4HG4US	Android O
MC339R-GF4HG4US	Android O
MC333R-GI4HG4EU	Android O
MC339R-GE4HG4EU	Android O
MC339R-GF4HG4EU	Android O
MC339R-GF4HG4WR	Android O
MC339R-GF4HG4IN	Android O
MC339R-GE4HG4WR	Android O

## Component Versions

For detailed release notes, please refer [techdocs.zebra.com](http://techdocs.zebra.com), [developer.zebra.com](http://developer.zebra.com)

Component / Description	Version
Product Build Number	02-32-04.00-OG-U09-STD
Android Version	8.1.0
Linux Kernel	3.10.84
Android SDK Level	27
Platform	QC8956
Bluetooth Stack	4.1
Flash Size	16/32GB
RAM Size	2/4GB
Scanning Framework	23.2.8.0
SimulScan	4.0.5
SimulScanEngine	3.0.1

<b>DataWedge</b>	8.2.48
<b>EMDK</b>	8.2.4.2804
<b>MXMF / OSX</b>	MXMF: 10.2.0.25 / OSX: QCT.81.8.12.13
<b>WiFi</b>	FUSION_BA_2_11.1.0.005_O Radio: BA_2_11.1.0.003_O Application: BA_2_11.1.0.004_O Middleware: BA_2_11.1.0.004_O Firmware: 7.35.205.8_20200421
<b>NFC</b>	NFC_NCIHALx_AR003C.8.3.0_O_OpnSrc
<b>PTT</b>	3.1.46
<b>Touch FW</b>	TC70x/TC75x: 1.9-Stylus-1-0 TC51/TC56: 1.8-Stylus-2-0
<b>RxLogger</b>	5.4.12.0
<b>Bluetooth Pairing Utility</b>	3.16
<b>Zebra Data Service</b>	7.0.2.1047
<b>Files</b>	8.1.0
<b>Stage Now</b>	5.0.0.1
<b>Battery Swap</b>	1.0
<b>User Guide</b>	TC51: 1.0, TC56: 2.0, TC70x/TC75x: 1.0.0
<b>Camera</b>	2.0.002
<b>MSRN</b>	2.01
<b>Zebra Volume Control (ZVC)</b>	2.3.1.11
<b>Battery Manger</b>	1.4.2
<b>ActiveEdge</b>	2.5.16
<b>WorryFree WiFi Analyzer</b>	WFW_BA_2_7.0.0.001_O
<b>Device Central</b>	2.1.0.17
<b>Zebra Software License Manager</b>	4.1.1
<b>Audio</b>	0.8.0.0
<b>Acoustic Profiles</b>	TC51: General: AO1.1 Cellular: N/A TC51HC: General: AO2.2 Cellular: N/A TC70x: General: BO1.2 Cellular: N/A TC56: General: AO3.1 Cellular: AO3.2 TC75x: General: BO2.2 Cellular: BO2.1 VC80x: General: EO1.1 Cellular: N/A MC33x: General: DO1.1 Cellular: N/A
<b>OemInfo</b>	9.0.0.198
<b>Enterprise Keyboard (EKB)</b>	2.2.2.3
<b>RFID Module</b>	MC3300R: PAAEES00-001-R03
<b>RFID Radio</b>	MC3300R: 2.0.30.0

<b>Zebra RFID Mobile (Demo App)</b>	MC3300R: 1.0
<b>RFID Manager Application</b>	MC3300R: 2.0.10.3
<b>RFID System Service</b>	MC3300R: 2.0.4.2
<b>Baseband</b>	ATLAS-W200720A-008.2-00033.0
<b>Fingerprint</b>	Zebra/TC70x/TC70x:8.1.0/02-32-04.00-OG-U09-STD/433:user/release-keys
	Zebra/TC51/TC51:8.1.0/02-32-04.00-OG-U09-STD/433:user/release-keys
	Zebra/TC51/TC51HC:8.1.0/02-32-04.00-OG-U09-STD/433:user/release-keys
	Zebra/TC75x/TC75x:8.1.0/02-32-04.00-OG-U09-STD/433:user/release-keys
	Zebra/TC75x/TC75xDF:8.1.0/02-32-04.00-OG-U09-STD/433:user/release-keys
	Zebra/TC56/TC56:8.1.0/02-32-04.00-OG-U09-STD/433:user/release-keys
	Zebra/VC80x/VC80x:8.1.0/02-32-04.00-OG-U09-STD/433:user/release-keys
	Zebra/MC33/MC33:8.1.0/02-32-04.00-OG-U09-STD/433:user/release-keys
	Zebra/MC33/MC33C:8.1.0/02-32-04.00-OG-U09-STD/433:user/release-keys
<b>Security Patch Level</b>	November 05 2020
<b>GMS Version</b>	8.1_201812

## Important Links

- <https://techdocs.zebra.com/datawedge/8-1/guide/about/>
- <https://techdocs.zebra.com/emdk-for-android/8-0/guide/about/>
- <https://techdocs.zebra.com/stagenow/4-2/about/>
- <https://techdocs.zebra.com/mx/>
- <https://techdocs.zebra.com/rxlogger/5-4/guide/about/>

## Revision History

REV	DESCRIPTION	DATE
1.0	Initial Release	November 13, 2020
2.0	Updated SKU table	November 13, 2020