



# Release Notes for Zebra Android Oreo 02-52-21.00-OG-U00-STD Release (GMS)

## Highlights

The details of the Android GMS Oreo LifeGuard release 02-52-21.00-OG-U00-STD that covers the family of products including TC51, TC56, TC70x, TC75x, MC3300, MC3300R and VC80x. 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
FPU_ATLAS_02-52-21.00-OG-U00-STD.zip	Full Package Update

## Security Updates

This build is Compliant with to [Android Security Bulletin](#) of October 05, 2021.

## Cellular carrier supported

AT&T, Verizon Wireless, Sprint, and Telstra.

## Version Information

The below table contains important information on versions

Description	Version
Product Build Number	02-52-21.00-OG-U00-STD
Android Version	8.1.0
Security Patch level	October 05, 2021
Linux Kernel	3.10.84
Component Versions	Please see Component Version under Addendum section

## Resolved Issues

- SPR44475/SPR45143 - Resolved an issue wherein Audio would stop getting played on BT headset intermittently.
- SPR45087 – Resolved an issue wherein delays in reconnection were observed upon receiving Disassociation in response to Auth request.
- SPR44218 - Resolved an issue wherein wifi communication was getting dropped due to incorrect CCMP key index being sent by device.
- SPR44713/SPR45070 - Resolved an issue wherein device was intermittently getting stuck in bootup screen when different launcher was used.
- SPR45118 - Resolved an intermittent pairing and connection issue with DX30.
- SPR44796 - Resolved an issue wherein files copied by user were not accessible intermittently.
- SPR44740 - Resolved an issue wherein telnet session was getting reset intermittently due to WiFi disconnections.
- SPR44262 - Resolved an issue wherein Scanner beam was not coming intermittently while using EMDK based App.
- SPR43148/SPR45180 - Resolved an issue wherein configuring WLAN Channels in range format through OEMConfig use to fail.
- SPR45354 - Resolved an issue wherein the device reboots after VoLTE call.

## Known Issues:

- QR code reader for use with Device Owner (DO) enrollment fails to download in LG23 and later. An optional solution is to scan the enrollment QR code using built in 2D imager at Google Welcome (Setup Wizard) screen.

## Installation Requirements

- ADB installed on the PC (including adb drivers)
- USB debugging turned ON (from Developer options)
- Download Full Package

## 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

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

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
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-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-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-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-GI4HG3US	Android O
MC330K-SE4HG3RW	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-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

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-GI2HG4IN	Android O	MC333R-GI4HG4US	Android O
MC339R-GF2HG4IN	Android O	MC339R-GE4HG4US	Android O
MC333R-GI2HG4JP	Android O	MC339R-GF4HG4US	Android O
MC333R-GI2HG4WR	Android O	MC333R-GI4HG4EU	Android O
MC339R-GE2HG4WR	Android O	MC339R-GE4HG4EU	Android O
MC339R-GF2HG4WR	Android O	MC339R-GF4HG4EU	Android O
MC333R-GI4HG4WR	Android O	MC339R-GF4HG4WR	Android O
MC333R-GI4HG4JP	Android O	MC339R-GF4HG4IN	Android O
MC333R-GI4HG4IN	Android O	MC339R-GE4HG4WR	Android O

## Component Versions

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

Component / Description	Version
<b>Product Build Number</b>	02-52-21.00-OG-U00-STD
<b>Android Version</b>	8.1.0
<b>Linux Kernel</b>	3.10.84
<b>Android SDK Level</b>	27
<b>Platform</b>	QC8956
<b>Bluetooth Stack</b>	4.1
<b>Flash Size</b>	16/32GB
<b>RAM Size</b>	2/4GB
<b>Scanning Framework</b>	23.3.8.1
<b>SimulScan</b>	4.0.5
<b>SimulScanEngine</b>	3.0.1
<b>DataWedge</b>	8.2.211
<b>EMDK</b>	9.0.4.3004
<b>MXMF / OSX</b>	MXMF: 10.3.0.29 / OSX: QCT.81.8.15.0
<b>WiFi</b>	FUSION_BA_2_11.1.0.017_O Radio: BA_2_11.1.0.012_O Application: BA_2_11.1.0.006_O Middleware: BA_2_11.1.0.008_O Firmware: w 0: Nov 19 2021 11:52:42 version 7.35.205.8 (r) FWID 01-3b5abe16
<b>NFC</b>	NFC_NCIHALx_AR003C.8.3.0_O_OpnSrc
<b>PTT</b>	3.1.54
<b>Touch FW</b>	TC70x/TC75x: 1.9-Stylus-1-0 TC51/TC56: 1.8-Stylus-2-0
<b>RxLogger</b>	5.4.16.0



<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>	5.1.0.1
<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>	2.3.1.12
<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>	6.0.8
<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>	9.0.0.565
<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: 1.0.4.1
<b>RFID Manager Application</b>	MC3300R: 2.0.10.3
<b>RFID System Service</b>	MC3300R: 2.0.4.4
<b>Baseband</b>	ATLAS-W220112A-016.1-00064.0
<b>Fingerprint</b>	Zebra/TC51/TC51:8.1.0/02-52-14.00-OG-U00-STD/532:user/release-keys Zebra/TC51/TC51HC:8.1.0/02-52-14.00-OG-U00-STD/532:user/release-keys Zebra/TC70x/TC70x:8.1.0/02-52-14.00-OG-U00-STD/532:user/release-keys Zebra/TC75x/TC75x:8.1.0/02-52-14.00-OG-U00-STD/532:user/release-keys Zebra/TC75x/TC75xDF:8.1.0/02-52-14.00-OG-U00-STD/532:user/release-keys Zebra/TC56/TC56:8.1.0/02-52-14.00-OG-U00-STD/532:user/release-keys Zebra/MC33/MC33:8.1.0/02-52-14.00-OG-U00-STD/532:user/release-keys Zebra/MC33/MC33C:8.1.0/02-52-14.00-OG-U00-STD/532:user/release-keys Zebra/VC80x/VC80x:8.1.0/02-52-14.00-OG-U00-STD/532:user/release-keys

<b>Security Patch Level</b>	October 05, 2021
<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

<b>REV</b>	<b>DESCRIPTION</b>	<b>DATE</b>
1.0	Initial Release	Jan 25, 2022
2.0	Updated known issues	April 7, 2022