



# Release Notes for Zebra Android Nougat 02-07-08.00-NG-U02-STD Release (GMS)

## Highlights

The details of the Android GMS Nougat release 02-07-08.00-NG-U02-STD that covers family of products including TC51, TC56, TC70x, TC75x, VC80x, MC33x, MC3300r. Please see, Device Compatibility under Addendum Section for more details.

## Software Packages

Package Name	Description
ATLAS_DELTA_UPDATE_02-07-08.00-NG-U02-STD.zip	LG Package Update

## Security Updates

This build is Compliant up to [Android Security Bulletin](#) of October 05 2019 (Critical Patch Level: February 01, 2022)

## Cellular carrier supported

AT&T, Verizon Wireless, Sprint, Telstra and ROW (Rest of World)

## Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	02-07-08.00-NG-U02-STD
Android Version	7.1.2
Security Patch level	October 05, 2019 (Critical Patch Level: February 01, 2022)
Linux Kernel	3.10.84
Component Versions	Please see Component Version under Addendum section

## LG U02 Updates:

- ❖ ATLAS\_DELTA\_UPDATE\_02-07-08.00-NG-U02-STD.zip
  - Updated below mentioned components:
    - MXMF – 9.4.0.3
    - FUSION\_BA\_2\_10.0.4.041\_N
      - Radio: BA\_2\_10.0.4.037\_N
    - Webview and Chrome – 85.0.4183.127
  - SPR40178 – Fixed an issue wherein the device does not respond to WLAN communication sometimes when it is in suspend state.
  - SPR41561 – Fixed an issue with dialing 110 Emergency number.
  - SPR41872 – Resolved an issue where device faced frequent disconnects and audio disruptions during voice calls.
  - SPR41419 – Resolved an issue where TC51 performing Slow BLE connection.
  - SPR41924 – Updated Chromium and WebView to most recent versions to support certain customer web applications.
  - SPR39790 – Resolved an issue wherein touch and hold or long press touch events time out after 30 seconds on TC51/56 devices
  - SPR40109 – Resolved an issue wherein proxy service was getting killed after reboot.

## LG U01 Updates:

- ❖ ATLAS\_DELTA\_UPDATE\_02-07-08.00-NG-U01-STD.zip
  - Updated below mentioned components:
    - MXMF – 9.4.0.2
    - Stagenow – 3.4.1.5
    - Baseband – FALCON-W200723A-00009.1-00029.0
    - OSX: QCT.71.7.14.4
    - FUSION\_BA\_2\_10.0.4.032\_N
      - Radio: BA\_2\_10.0.4.027\_N
  - SPR40280 - Enabled all HW supported bands for Sprint and TMO SIMs.
  - SPR40266 - Resolved an issue wherein call to MX AccessMgr CSP used to fail intermittently resulting in MX being in an error state.
  - SPR40308 - Resolved an issue where TC51 experiencing slow WiFi operation when BLE scan/transmit was running on same band.
  - SPR37841 - Resolved an issue where VPN and ethernet connection was not using Domain name.
  - SPR39491 - Resolved an issue wherein voice calls intermittently becomes one way when connected in a FT (802.11r) network.
  - 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.
  - SPR38723 - Resolved an issue with filter mask selection within Rxlogger and added log size limit option.
  - SPR39647 - Resolved an issue wherein there was a scanning failure in png and pdf formats.

- SPR39730 - Resolved an issue to address iPhone accepting DHCP request with not supported IP address.
- SPR38711 - Resolved an issue wherein writing and reading using native nfc commands fails.
- SPR39414 - Resolved an issue to silently agree location consent when GPS mode is changed.
- SPR38879 - Resolved an issue wherein device becomes sluggish after period of usage.
- SPR38679 - Resolved an issue wherein Device loses wireless connectivity during roam in screen off state.
- SPR38508 - Resolved an issue wherein all calls to MX fail.
- SPR38152 - Resolved an issue where Device was unable to maintain constant Friendly name for DX30.
- SPR38843 - Resolved the issue wherein scanner is not working because of Datwedge api is not calling proper scanning state.
- SPR38925 - Resolved an issue wherein License manager where same act id can be run multiple times consuming additional licenses.
- SPR40014 - Resolved an issue wherein isVerifyAppsEnabled api was returning false though its enabled from settings.

#### Known Issues:

Wifi icon on the Notification bar displayed in white color when the App background is white.

## 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 02-07-08.00-NG-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	Device Specific Manuals and Guides
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Device Part Number	Operating System	<a href="#">TC51 Home Page</a>
TC510K-1PAZU2P-US	Android N	
TC510K-1PAZU2P-A6	Android N	
TC510K-1PAZU4P-US	Android N	
TC510K-1PAZU4P-A6	Android N	
TC510K-1HDZU2P-US	Android N	
TC510K-1HDZU4P-US	Android N	
TC510K-1HDZU2P-A6	Android N	
TC510K-1HDZU4P-A6	Android N	
TC510K-1PAZU2P-IA	Android N	

TC56		Device Specific Manuals and Guides
Device Part Number	Operating System	<a href="#">TC56 Home Page</a>
TC56DJ-1PAZU2P-A6	Android N	
TC56DJ-1PAZU4P-A6	Android N	
TC56CJ-1PAZU2P-A6	Android N	
TC56CJ-1PAZU4P-A6	Android N	
TC56DJ-1PAZU2P-IA	Android N	
TC56DJ-1PAZU4P-IA	Android N	
TC56DJ-1PAZU4P-ID	Android N	
TC56DJ-1PAZU2P-ID	Android N	
TC56DJ-1PAZU2P-TN	Android N	
TC56DJ-1PAZU4P-TN	Android N	
TC56DJ-1PAZU4P-BR	Android N	
TC56DJ-1PAZU2P-BR	Android N	
TC56CJ-1PAZU2P-US	Android N	
TC56CJ-1PAZU4P-US	Android N	

FIPS SKUS (TC51 & TC56)		
Device Part Number	Operating System	Device Specific Manuals and Guides

TC510K-1PAZU4P-FT	Android N	<a href="#">TC51 Home Page</a>
TC510K-1HDZU4P-FT	Android N	<a href="#">TC51 Home Page</a>
TC56CJ-1PAZU4P-FT	Android N	<a href="#">TC56 Home Page</a>

TC75x		Device Specific Manuals and Guides
Device Part Number	Operating System	<a href="#">TC75x Home Page</a>
TC75FK-2MB22AD-A6	Android N	
TC75FK-2MB24AD-A6	Android N	
TC75FK-2MB22AD-IA	Android N	
TC75FK-2MB22AD-ID	Android N	
TC75FK-2MB22AD-TN	Android N	
TC75FK-2MF22AD-A6	Android N	
TC75FK-2MB22AD-TW	Android N	
TC75FK-2MB22AD-BR	Android N	
TC75GK-2MB22AD-A6	Android N	
TC75GK-2MB24AD-A6	Android N	
TC75GK-2MF22AD-A6	Android N	
TC75EK-2MB22AB-US	Android N	
TC75EK-2MF22AB-US	Android N	
TC75EK-2MB22AF-US	Android N	
TC75EK-2MB24AB-US	Android N	

TC70x		Device Specific Manuals and Guides
Device Part Number	Operating System	<a href="#">TC70x Home Page</a>
TC700K-0MB22B0-A6	Android N	
TC700K-0MB24B0-A6	Android N	
TC700K-0MB22B0-US	Android N	
TC700K-0MB24B0-US	Android N	
TC700K-0MB22B0-IA	Android N	

FIPS SKUS (TC70x & TC75x)		
Device Part Number	Operating System	Device Specific Manuals and Guides
TC700K-0MB24B0-FT	Android N	<a href="#">TC70x Home Page</a>
TC75EK-2MB24AB-FT	Android N	<a href="#">TC75x Home Page</a>

VC80x USA			Device Specific Manuals and Guides
	Device Part Number	Operating System	<a href="#">VC80x Home Page</a>
Warehouse AOSP	VC80X-10SSRAAABA-U	Android N	
Freezer AOSP	VC80X-10FSRAAABA-U	Android N	
Outdoor AOSP	VC80X-10SORAAABA-U	Android N	
VC80x Rest of the World			
Warehouse AOSP	VC80X-10SSRAAABA-I	Android N	
Freezer AOSP	VC80X-10FSRAAABA-I	Android N	
Outdoor AOSP	VC80X-10SORAAABA-I	Android N	

MC33	
Device Part Number	Operating System
MC330K-GE3HA3NA	Android N
MC330K-GE3HA3RW	Android N
MC330K-GE4HA3NA	Android N
MC330K-GE4HA3RW	Android N
MC330K-GE4HA4NA	Android N
MC330K-GE4HA4RW	Android N
MC330K-GI3HA3NA	Android N
MC330K-GI3HA3RW	Android N
MC330K-GI3HA4RW	Android N
MC330K-GI4HA3NA	Android N
MC330K-GI4HA3RW	Android N
MC330K-GI4HA4NA	Android N

MC33		Device Specific Manuals and Guides
Device Part number	Operating System	<a href="#">MC33 Home Page</a>
MC330M-RL4SG2RW	Android N	
MC330M-SI2HA2RW	Android N	
MC330M-SI30A2RW	Android N	
MC330M-SI3HA2NA	Android N	
MC330M-SI3HA2RW	Android N	
MC330M-SI40A2NA	Android N	
MC330M-SI4HA2NA	Android N	
MC330M-SI4HA2RW	Android N	
MC330M-SI4HG2NA	Android N	
MC330M-SL2HA2RW	Android N	
MC330M-SL2HG2RW	Android N	
MC330M-SL3HA2NA	Android N	

MC330K-GI4HA4RW	Android N
MC330K-GI4HG3NA	Android N
MC330K-GI4HG3RW	Android N
MC330K-GI4HG4NA	Android N
MC330K-GI4HG4RW	Android N
MC330K-GL2HA3RW	Android N
MC330K-GL3HA3RW	Android N
MC330K-GL3HA4RW	Android N
MC330K-GL4HA3NA	Android N
MC330K-GL4HA3RW	Android N
MC330K-GL4HA4NA	Android N
MC330K-GL4HA4RW	Android N
MC330K-GL4HG3RW	Android N
MC330K-RC3HA4NA	Android N
MC330K-RC3HA4RW	Android N
MC330K-RC3HG4RW	Android N
MC330K-RC4HA4NA	Android N
MC330K-RC4HA4RW	Android N
MC330K-RL3HA3RW	Android N
MC330K-RL3HG3RW	Android N
MC330K-RL3SG3RW	Android N
MC330K-RL4HA3NA	Android N
MC330K-RL4HA3RW	Android N
MC330K-RL4HG3NA	Android N
MC330K-SB3HA4NA	Android N
MC330K-SB3HA4RW	Android N
MC330K-SB3HG4RW	Android N
MC330K-SB4HA4NA	Android N
MC330K-SB4HA4RW	Android N
MC330K-SB4HG4NA	Android N
MC330K-SE2HA3RW	Android N
MC330K-SE3HA3NA	Android N

MC330M-SL3HA2RW	Android N
MC330M-SL4HA2NA	Android N
MC330M-SN3HA2RW	Android N
MC330M-SN4HA2NA	Android N
MC330M-RL2SG2US	Android N
MC330M-SL4HG2US	Android N
MC330M-SL3HG2US	Android N
MC330M-RL4SG2US	Android N
MC330M-RL3HG2US	Android N
MC330M-SN4HG2US	Android N
MC330M-SI3HG2US	Android N
MC330M-GL4HG2US	Android N
MC330M-GL3HG2US	Android N
MC330M-GL2HG2US	Android N
MC330M-GI3HG2US	Android N
MC330M-GI2HG2US	Android N
MC330K-SN4HG3US	Android N
MC330K-SI3HG3US	Android N
MC330K-GL4HG3US	Android N
MC330K-RC4HG4US	Android N
MC330K-RC3HG4US	Android N
MC330K-GL4HG4US	Android N
MC330K-GI3HG3US	Android N
MC330K-SP4HG4US	Android N
MC330K-SP3HG4US	Android N
MC330K-SB3HG4US	Android N
MC330K-SE4HG3US	Android N
MC330K-SE3HG3US	Android N
MC330K-SE2HG3US	Android N
MC330K-GE4HG3US	Android N
MC330K-GE3HG3US	Android N
MC330K-GE2HG3US	Android N

MC330K-SE3HA3RW	Android N
MC330K-SE4HA3NA	Android N
MC330K-SE4HA3RW	Android N
MC330K-SG3HA4NA	Android N
MC330K-SG3HA4RW	Android N
MC330K-SG4HA4NA	Android N
MC330K-SI2HA3RW	Android N
MC330K-SI3HA3NA	Android N
MC330K-SI3HA3RW	Android N
MC330K-SI3HG3RW	Android N
MC330K-SI4HA3NA	Android N
MC330K-SI4HA3RW	Android N
MC330K-SI4HG3NA	Android N
MC330K-SL2HA3RW	Android N
MC330K-SL4HA3RW	Android N
MC330K-SN3HA3RW	Android N
MC330K-SN4HA3NA	Android N
MC330K-SN4HA3RW	Android N
MC330K-SP3HA4NA	Android N
MC330K-SP3HA4RW	Android N
MC330K-SP4HA4NA	Android N
MC330K-SP4HA4RW	Android N
MC330M-GI2HA2NA	Android N
MC330M-GI2HA2RW	Android N
MC330M-GI30A2RW	Android N
MC330M-GI3HA2IN	Android N
MC330M-GI3HA2NA	Android N
MC330M-GI3HA2RW	Android N
MC330M-GI3HG2RW	Android N
MC330M-GI40A2NA	Android N
MC330M-GI4HA2IN	Android N

MC330K-SG4HG4US	Android N
MC330K-SG3HG4US	Android N
MC330K-SG2HG4US	Android N
MC330K-GE4HG4US	Android N
MC330K-GE2HG4US	Android N
MC330K-GI3HG3US01	Android N
MC330M-SN3HG2RW	Android N
MC330M-SL3HG2RW	Android N
MC330M-SI4HG2RW	Android N
MC330M-SI3HG2RW	Android N
MC330M-SI2HG2RW	Android N
MC330M-RL3HG2RW	Android N
MC330M-RL2SG2RW	Android N
MC330M-GL4HG2RW	Android N
MC330M-GL2HG2RW	Android N
MC330M-GI4HG2RW	Android N
MC330M-GI4HG2IN	Android N
MC330M-GI3HG2IN	Android N
MC330M-GI2HG2RW	Android N
MC330K-SP4HG4RW	Android N
MC330K-SP3HG4RW	Android N
MC330K-SN4HG3RW	Android N
MC330K-SN3HG3RW	Android N
MC330K-SL4HG3RW	Android N
MC330K-SL2HG3RW	Android N
MC330K-SI4HG3RW	Android N
MC330K-SI2HG3RW	Android N
MC330K-SG3HG4RW	Android N
MC330K-SG2HG4RW	Android N
MC330K-SE4HG3RW	Android N
MC330K-SE3HG3RW	Android N



MC330M-GI4HA2NA	Android N
MC330M-GI4HA2RW	Android N
MC330M-GI4HG2NA	Android N
MC330M-GL2HA2NA	Android N
MC330M-GL2HA2RW	Android N
MC330M-GL3HA2NA	Android N
MC330M-GL3HA2RW	Android N
MC330M-GL3HG2RW	Android N
MC330M-GL40A2NA	Android N
MC330M-GL40A2RW	Android N
MC330M-GL4HA2NA	Android N
MC330M-GL4HA2RW	Android N
MC330M-RL2SA2NA	Android N
MC330M-RL2SA2RW	Android N
MC330M-RL3HA2NA	Android N
MC330M-RL3HA2RW	Android N
MC330M-RL3SA2NA	Android N
MC330M-RL3SA2RW	Android N
MC330M-RL3SG2NA	Android N
MC330M-RL3SG2RW	Android N
MC330M-RL40A2NA	Android N
MC330M-RL4SA2NA	Android N
MC330M-RL4SA2RW	Android N

MC330K-SE2HG3RW	Android N
MC330K-SB4HG4RW	Android N
MC330K-RL4HG3RW	Android N
MC330K-RC4HG4RW	Android N
MC330K-GL4HG3RW	Android N
MC330K-GL3HG4RW	Android N
MC330K-GL3HG3RW	Android N
MC330K-GL2HG3RW	Android N
MC330K-GI3HG4RW	Android N
MC330K-GI3HG3RW	Android N
MC330K-GE4HG4RW	Android N
MC330K-GE4HG3RW	Android N
MC330K-GE3HG3RW	Android N
MC330K-GE2HG4RW	Android N
MC330K-GE2HG3RW	Android N
MC330K-GI3HG3RW01	Android N
MC330K-GE2HA3US	Android N
MC330K-GE2HA4US	Android N
MC330K-SE2HA3US	Android N
MC330K-SG2HA4US	Android N
MC330K-GE2HA3RW	Android N
MC330K-GE2HA4RW	Android N
MC330K-SG2HA4RW	Android N

MC3300R	
Device Part Number	Operating System
MC333R-GI2HG4US	Android N
MC339R-GE2HG4US	Android N
MC339R-GF2HG4US	Android N

MC3300R		Device Specific Manuals and Guides
Device Part Number	Operating System	
MC333R-GI3HG4US	Android N	
MC339R-GE3HG4US	Android N	
MC339R-GF3HG4US	Android N	

MC333R-GI2HG4EU	Android N	MC333R-GI3HG4EU	Android N	<a href="#">MC3300R Home Page</a>
MC339R-GE2HG4EU	Android N	MC339R-GE3HG4EU	Android N	
MC339R-GF2HG4EU	Android N	MC339R-GF3HG4EU	Android N	
MC333R-GI2HG4IN	Android N	MC333R-GI4HG4US	Android N	
MC339R-GF2HG4IN	Android N	MC339R-GE4HG4US	Android N	
MC333R-GI2HG4JP	Android N	MC339R-GF4HG4US	Android N	
MC333R-GI2HG4WR	Android N	MC333R-GI4HG4EU	Android N	
MC339R-GE2HG4WR	Android N	MC339R-GE4HG4EU	Android N	
MC339R-GF2HG4WR	Android N	MC339R-GF4HG4EU	Android N	
MC333R-GI4HG4WR	Android N	MC339R-GF4HG4WR	Android N	
MC333R-GI4HG4JP	Android N	MC339R-GF4HG4IN	Android N	
MC333R-GI4HG4IN	Android N	MC339R-GE4HG4WR	Android N	

## Component Versions

Component / Description	Version
<b>Product Build Number</b>	02-07-08.00-NG-U02-STD
<b>Android Version</b>	7.1.2
<b>Linux Kernel</b>	3.10.84
<b>Android SDK Level</b>	25
<b>Platform</b>	QC8956
<b>Bluetooth Stack</b>	1.1
<b>Flash Size</b>	32GB
<b>RAM Size</b>	4GB
<b>Scanning Framework</b>	19.63.37.0
<b>SimulScan Demo App</b>	3.0.2

<b>SimulScan Engine</b>	2.0.3
<b>DataWedge</b>	7.3.34
<b>EMDK</b>	7.3.23.2323
<b>MXMF / OSX</b>	MXMF: 9.4.0.3 / OSX: QCT.71.7.14.4
<b>WiFi</b>	FUSION_BA_2_10.0.4.041_N Radio: BA_2_10.0.4.037_N Application: BA_2_10.0.1.014_N Middleware: BA_2_10.0.1.018_N Firmware: 7.35.205.8 (r)
<b>NFC</b>	NFC_NCIHALx_AR0F.4.3.0_M_OpnSrc
<b>PTT</b>	3.1.35
<b>Touch FW</b>	TC70x/TC75x = 1.9.7-Stylus-1-0 & TC51/TC56 = 1.8-Stylus-2.0
<b>RxLogger</b>	5.4.13.0
<b>Bluetooth Pairing Utility</b>	3.11
<b>Zebra Data Service</b>	7.0.0.1005
<b>Files</b>	7.1.2
<b>Stage Now</b>	3.4.1.5
<b>Battery Swap</b>	1.0
<b>User Guide</b>	1.0
<b>Camera</b>	2.0.002
<b>MSRN</b>	0.01

<b>Zebra Volume Control (ZVC)</b>	2.0.0.16
<b>Battery Manger</b>	1.3.8
<b>ActiveEdge</b>	2.5.16
<b>WorryFree WiFi</b>	3.0.3
<b>Device Central</b>	2.1.0.17
<b>Zebra Software License Manager</b>	3.2.0
<b>Audio</b>	0.24.0.0
<b>Acoustic Profiles</b>	TC51: General: AN2.3 Cellular: N/A TC51HC: General: AN2.3 Cellular: N/A TC70x: General: BN1.2 Cellular: N/A TC56: General: AN3.6 Cellular: AN3.6 TC75x: General: BN2.3 Cellular: BN2.3 VC80x: General: EO1.1 Cellular: N/A MC33x: General DN1.6 Cellur:N/A
<b>OemInfo</b>	9.0.0.64
<b>Enterprise Keyboard (EKB)</b>	2.1.1.3
<b>Diagnostic Tool</b>	1.17.0.9
<b>RFID Module</b>	MC3300R: PAAEES00-001-R00
<b>RFID Radio</b>	MC3300R: 2.0.29.0
<b>Zebra RFID Mobile (Demo App)</b>	MC3300R: 2.2.7.2
<b>RFID Manager Application</b>	MC3300R: 2.0.10.2
<b>RFID System Service</b>	MC3300R: 2.0.4.1

<b>Fingerprint</b>	Zebra/TC75x/TC75x:7.1.2/02-07-08.00-NG-U00-STD/462:user/release-keys Zebra/TC75x/TC75xDF:7.1.2/02-07-08.00-NG-U00-STD/462:user/release-keys Zebra/TC70x/TC70x:7.1.2/02-07-08.00-NG-U00-STD/462:user/release-keys Zebra/TC56/TC56:7.1.2/02-07-08.00-NG-U00-STD/462:user/release-keys Zebra/TC51/TC51:7.1.2/02-07-08.00-NG-U00-STD/462:user/release-keys Zebra/TC51HC/TC51HC:7.1.2/02-07-08.00-NG-U00-STD/462:user/release-keys Zebra/VC80x/VC80x:7.1.2/02-07-08.00-NG-U00-STD/462:user/release-keys Zebra/MC33/MC33:7.1.2/02-07-08.00-NG-U00-STD/462:user/release-keys Zebra/MC33/MC33C:7.1.2/02-07-08.00-NG-U00-STD/462:user/release-keys
<b>GMS Version</b>	7.1_201803

## Important Links

- <https://techdocs.zebra.com/datawedge/7-3/guide/about/>
- <https://techdocs.zebra.com/emdk-for-android/7-3/guide/about/>
- <https://techdocs.zebra.com/stagenow/3-3/about/>
- <https://techdocs.zebra.com/mx/>
- <https://techdocs.zebra.com/ddt/1-1/guide/about/>
- <https://techdocs.zebra.com/rxlogger/5-4/guide/about/>
- [Zebra Techdocs](#)
- [Developer Tools](#)

## Revision History

REV	DESCRIPTION	DATE
1.0	Initial draft release	May 20, 2022