



Release Notes for Zebra Android Oreo 02-32-04.00-ON-U03-STD Release

Highlights

The details of the Android NGMS Oreo LifeGuard release 02-32-04.00-ON-U03-STD that covers family of products including TC51, TC56, TC70x, TC75x, VC80x and MC3300. 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-ON-U03-STD.zip | LG Package Update |

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of July 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-ON-U03-STD |
| Android Version | 8.1.0 |
| Security Patch level | July 5, 2020 |
| Linux Kernel | 3.10.84 |
| Component Versions | Please see Component Version under Addendum section |

LG U03 Updates

- ❖ ATLAS_DELTA_UPDATE_02-32-04.00-ON-U03-STD.zip (NGMS)
 - 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-ON-U02-STD.zip (NGMS)
 - 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.
 - SPR39739 - Updated WebView version to 80.0.3987.8.
 - 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-ON-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 Part Number | Operating System |
| TC510K-2PAZU2P-US | Android O |
| TC510K-2PAZU2P-A6 | Android O |
| TC510K-2PAZU4P-US | Android O |
| TC510K-2PAZU4P-A6 | Android O |
| TC510K-2HDZU2P-US | Android O |
| TC510K-2HDZU2P-A6 | Android O |
| TC510K-2PAZU2P-IA | Android O |
| TC510K-2PAZU4P-IA | Android O |
| TC510K-2HDZU4P-US | Android O |
| TC510K-2HDZU4P-A6 | Android O |

| TC70x | |
|--------------------|------------------|
| Device Part Number | Operating System |

| | |
|-------------------|-----------|
| TC700K-02B22B0-A6 | Android O |
| TC700K-02B24B0-A6 | Android O |
| TC700K-02B22B0-US | Android O |
| TC700K-02B24B0-US | Android O |
| TC700K-02B22B0-IA | Android O |

FIPS and TAA Compliant SKUS

| Device Part Number | Operating System |
|--------------------|------------------|
| TC510K-2PAZU4P-FT | Android O |
| TC510K-2HDZU4P-FT | Android O |
| TC700K-02B24B0-FT | Android O |

TC56

| Device Part Number | Operating System |
|--------------------|------------------|
| TC56CJ-2PAZU2P-US | Android O |
| TC56CJ-2PAZU2P-A6 | Android O |
| TC56DJ-2PAZU2P-A6 | Android O |
| TC56DJ-2PAZU2P-BR | Android O |
| TC56DJ-2PAZU2P-IA | Android O |
| TC56DJ-2PAZU2P-CN | Android O |
| TC56DJ-2PAZU2P-TN | Android O |
| TC56DJ-2PAZU2P-ID | Android O |
| TC56CJ-2PAZU4P-US | Android O |
| TC56CJ-2PAZU4P-A6 | Android O |
| TC56DJ-2PAZU4P-A6 | Android O |
| TC56DJ-2PAZU4P-BR | Android O |
| TC56DJ-2PAZU4P-IA | Android O |
| TC56DJ-2PAZU4P-CN | Android O |
| TC56DJ-2PAZU4P-TN | Android O |
| TC56DJ-2PAZU4P-ID | Android O |

TC75x

| Device Part Number | Operating System |
|--------------------|------------------|
| TC75EK-22B22AB-US | Android O |
| TC75EK-22B24AB-US | Android O |
| TC75EK-22F22AB-US | Android O |

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|-------------------|-----------|
| TC75EK-22B22AF-US | Android O |
| TC75FK-22B22AD-A6 | Android O |
| TC75FK-22B24AD-A6 | Android O |
| TC75FK-22B22AD-BR | Android O |
| TC75FK-22B22AD-IA | Android O |
| TC75FK-22B22AD-ID | Android O |
| TC75FK-22B22AD-TN | Android O |
| TC75FK-22F22AD-A6 | Android O |
| TC75FK-22B22AD-TW | Android O |
| TC75GK-22B22AD-A6 | Android O |
| TC75GK-22B24AD-A6 | Android O |
| TC75GK-22F22AD-A6 | Android O |

| FIPS and TAA Compliant SKUS | |
|-----------------------------|------------------|
| Device Part Number | Operating System |
| TC56CJ-2PAZU4P-FT | Android O |

| FIPS and TAA Compliant SKUS | |
|-----------------------------|------------------|
| Device Part Number | Operating System |
| TC75EK-22B24AB-FT | Android O |

| VC80x USA | | |
|-------------------------|---------------------|------------------|
| | Device Part Number | Operating System |
| Warehouse | VC80X-10SSRAABBA-U | Android O |
| Freezer | VC80X-10FSRAABBA-U | Android O |
| Outdoor | VC80X-10SORAABBA-U | Android O |
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| VC80x Rest of the World | | |
| Warehouse | VC80X-10SSRAABBA-I | Android O |
| Freezer | VC80X-10FSRAABBA-I | Android O |
| Outdoor | VC80X-10SORAABBA-I | Android O |
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| VC80x India | | |
| Warehouse | VC80X-10SSRAABBA-IN | Android O |
| Outdoor | VC80X-10SORAABBA-IN | Android O |

| MC3300 | |
|--------------------|------------------|
| Device Part Number | Operating System |
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| MC3300 | |
|--------------------|------------------|
| Device Part number | Operating System |
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|-----------------|-----------|
| MC330M-RL3SA2RW | Android O |
| MC330M-RL2SA2RW | Android O |
| MC330M-RL40A2US | Android O |
| MC330M-RL3SA2US | Android O |
| MC330M-RL2SA2US | Android O |
| MC330M-SL3HA2RW | Android O |
| MC330M-SL2HA2RW | Android O |
| MC330M-RL4SA2RW | Android O |
| MC330M-GL4HA2RW | Android O |
| MC330M-GL40A2RW | Android O |
| MC330M-GL3HA2RW | Android O |
| MC330M-GL2HA2RW | Android O |
| MC330M-GI4HA2RW | Android O |
| MC330M-GI4HA2IN | Android O |
| MC330M-GI3HA2RW | Android O |
| MC330M-GI3HA2IN | Android O |
| MC330M-GI30A2RW | Android O |
| MC330M-GI2HA2RW | Android O |
| MC330M-RL3HA2RW | Android O |
| MC330M-SL4HA2US | Android O |
| MC330M-SL3HA2US | Android O |
| MC330M-RL4SA2US | Android O |
| MC330M-RL3HA2US | Android O |
| MC330M-SN3HA2RW | Android O |
| MC330M-SI4HA2RW | Android O |
| MC330M-SI3HA2RW | Android O |
| MC330M-SI30A2RW | Android O |
| MC330M-SI2HA2RW | Android O |
| MC330M-SN4HA2US | Android O |
| MC330M-SI4HA2US | Android O |
| MC330M-SI40A2US | Android O |
| MC330K-GL4HA4RW | Android O |
| MC330K-GL4HA3RW | Android O |
| MC330K-GL3HA4RW | Android O |
| MC330K-GL3HA3RW | Android O |
| MC330K-GL2HA3RW | Android O |
| MC330K-GI4HA4RW | Android O |

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| MC330K-GI4HA4US | Android O |
| MC330K-GI4HA3US | Android O |
| MC330K-GI3HA3US | Android O |
| MC330K-GE4HA4US | Android O |
| MC330K-GE4HA3US | Android O |
| MC330K-GE3HA3US | Android O |
| MC330K-GE2HA4US | Android O |
| MC330K-GE2HA3US | Android O |
| MC330K-SE2HA3RW | Android O |
| MC330K-SE4HA3US | Android O |
| MC330K-SE3HA3US | Android O |
| MC330K-SE2HA3US | Android O |
| MC330K-SG3HA4RW | Android O |
| MC330K-SG2HA4RW | Android O |
| MC330K-SG4HA4US | Android O |
| MC330K-SG3HA4US | Android O |
| MC330K-SG2HA4US | Android O |
| MC330K-GI3HA3IN | Android O |
| MC330K-SP2HA4RW | Android O |
| MC330M-SN3HA2US | Android O |
| MC330K-SN3HA3US | Android O |
| MC330M-SN2HA2US | Android O |
| MC330K-SL3HA3CN | Android O |
| MC330K-SI3HA3CN | Android O |
| MC330K-GL3HA3CN | Android O |
| MC330K-GI3HA3CN | Android O |
| MC330K-SB2HA4RW | Android O |
| MC330M-SIMHA2RW | Android O |
| MC330K-SP2HA3RW | Android O |
| MC330M-GJ4HA2RW | Android O |
| MC330M-GJ4HA2IN | Android O |
| MC330M-GJ3HA2RW | Android O |
| MC330M-GJ3HA2IN | Android O |
| MC330M-GJ30A2RW | Android O |
| MC330M-GJ2HA2RW | Android O |
| MC330M-SK3HA2RW | Android O |
| MC330M-SJ4HA2RW | Android O |

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| MC330K-GI4HA3RW | Android O |
| MC330K-GI3HA4RW | Android O |
| MC330K-GI3HA3RW | Android O |
| MC330K-GE4HA4RW | Android O |
| MC330K-GE4HA3RW | Android O |
| MC330K-GE3HA3RW | Android O |
| MC330K-GE2HA4RW | Android O |
| MC330K-GE2HA3RW | Android O |
| MC330M-SI3HA2US | Android O |
| MC330K-SL4HA3RW | Android O |
| MC330K-SL2HA3RW | Android O |
| MC330K-RL4HA3RW | Android O |
| MC330K-RL3HA3RW | Android O |
| MC330K-RL4HA3US | Android O |
| MC330K-SN4HA3RW | Android O |
| MC330K-SN3HA3RW | Android O |
| MC330K-SI4HA3RW | Android O |
| MC330K-SI3HA3RW | Android O |
| MC330K-SI2HA3RW | Android O |
| MC330K-SN4HA3US | Android O |
| MC330K-SI4HA3US | Android O |
| MC330K-SI3HA3US | Android O |
| MC330K-RC4HA4RW | Android O |
| MC330K-RC3HA4RW | Android O |
| MC330K-RC4HA4US | Android O |
| MC330K-RC3HA4US | Android O |
| MC330M-GL4HA2US | Android O |
| MC330M-GL40A2US | Android O |
| MC330M-GL3HA2US | Android O |
| MC330M-GL2HA2US | Android O |
| MC330M-GI4HA2US | Android O |
| MC330M-GI40A2US | Android O |
| MC330M-GI3HA2US | Android O |
| MC330M-GI2HA2US | Android O |
| MC330K-SP4HA4RW | Android O |
| MC330K-SP3HA4RW | Android O |

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|-----------------|-----------|
| MC330M-SJ3HA2RW | Android O |
| MC330M-SJ30A2RW | Android O |
| MC330M-SJ2HA2RW | Android O |
| MC330M-SK4HA2US | Android O |
| MC330M-SJ4HA2US | Android O |
| MC330M-SJ40A2US | Android O |
| MC330K-GJ4HA4RW | Android O |
| MC330K-GJ4HA3RW | Android O |
| MC330K-GJ3HA4RW | Android O |
| MC330K-GJ3HA3RW | Android O |
| MC330M-SJ3HA2US | Android O |
| MC330K-SK4HA3RW | Android O |
| MC330K-SK3HA3RW | Android O |
| MC330K-SJ4HA3RW | Android O |
| MC330K-SJ3HA3RW | Android O |
| MC330K-SJ2HA3RW | Android O |
| MC330K-SK4HA3US | Android O |
| MC330K-SJ4HA3US | Android O |
| MC330K-SJ3HA3US | Android O |
| MC330M-GJ4HA2US | Android O |
| MC330M-GJ40A2US | Android O |
| MC330M-GJ3HA2US | Android O |
| MC330M-GJ2HA2US | Android O |
| MC330K-SM4HA4RW | Android O |
| MC330K-SM3HA4RW | Android O |
| MC330K-SA4HA4RW | Android O |
| MC330K-SA3HA4RW | Android O |
| MC330K-SM4HA4US | Android O |
| MC330K-SM3HA4US | Android O |
| MC330K-SA4HA4US | Android O |
| MC330K-SA3HA4US | Android O |
| MC330K-GJ4HA4US | Android O |
| MC330K-GJ4HA3US | Android O |
| MC330K-GJ3HA3US | Android O |
| MC330K-GJ3HA3IN | Android O |
| MC330K-SM2HA4RW | Android O |

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|-----------------|-----------|
| MC330K-SB4HA4RW | Android O |
| MC330K-SB3HA4RW | Android O |
| MC330K-SP4HA4US | Android O |
| MC330K-SP3HA4US | Android O |
| MC330K-SB4HA4US | Android O |
| MC330K-SB3HA4US | Android O |
| MC330K-SE4HA3RW | Android O |
| MC330K-SE3HA3RW | Android O |
| MC330K-GL4HA4US | Android O |
| MC330K-GL4HA3US | Android O |

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|-----------------|-----------|
| MC330M-SK3HA2US | Android O |
| MC330K-SK3HA3US | Android O |
| MC330M-SK2HA2US | Android O |
| MC330K-SJ3HA3CN | Android O |
| MC330K-GJ3HA3CN | Android O |
| MC330K-SA2HA4RW | Android O |
| MC330K-SP2HA3RW | Android O |
| MC330K-GI2HA3RW | Android O |
| MC330K-GJ2HA3RW | Android O |
| | Android O |

Component Versions

For detailed release notes, please refer techdocs.zebra.com, developer.zebra.com

| Component / Description | Version |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Build Number | 02-32-04.00-ON-U03-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 | 23.1.8.0 |
| SimulScan | 4.0.5 |
| SimulScanEngine | 3.0.1 |
| DataWedge | 8.1.38 |
| EMDK | 8.1.6.2706 |
| MXMF / OSX | MXMF: 10.1.0.33 / OSX: QCT.81.8.12.4 |
| WiFi | 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 Firmware: 7.35.205.8_20200302 |
| NFC | NFC_NCIHALx_AR003C.8.3.0_O_OpnSrc |
| PTT | 3.1.46 |
| Touch FW | TC70x/TC75x: 1.9-Stylus-1-0 TC51/TC56: 1.8-Stylus-2.0 |

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|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RxLogger | 5.4.12.0 |
| Bluetooth Pairing Utility | 3.16 |
| Zebra Data Service | 7.0.0.1005 |
| Files | 8.1.0 |
| Stage Now | 4.3.2.3 |
| Battery Swap | 1.0 |
| User Guide | TC51: 1.0, TC56: 2.0, TC70x/TC75x: 1.0.0 |
| Camera | 2.0.002 |
| MSRN | 2.01 |
| Zebra Volume Control (ZVC) | 2.1.0.14 |
| Battery Manger | 1.4.2 |
| ActiveEdge | 2.5.16 |
| WorryFree WiFi Analyzer | WFW_BA_2_5.0.0.005_O |
| Device Central | 2.1.0.17 |
| Zebra Software License Manager | 4.0.2 |
| Audio | 0.8.0.0 |
| Acoustic Profiles | 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 MC3300: General: DO1.1 Cellular: N/A |
| OemInfo | 9.0.0.64 |
| Enterprise Keyboard (EKB) | 2.2.2.3 |
| Webview | 80.0.3987.119 |
| Baseband | ATLAS-W200507A-007.3-00027.0 |
| Fingerprint | Zebra/TC70x/TC70x:8.1.0/02-32-04.00-ON-U03-STD/344:user/release-keys Zebra/TC51/TC51:8.1.0/02-32-04.00-ON-U03-STD/344:user/release-keys Zebra/TC51/TC51HC:8.1.0/02-32-04.00-ON-U03-STD/344:user/release-keys Zebra/TC75x/TC75x:8.1.0/02-32-04.00-ON-U03-STD/344:user/release-keys Zebra/TC75x/TC75xDF:8.1.0/02-32-04.00-ON-U03-STD/344:user/release-keys Zebra/TC56/TC56:8.1.0/02-32-04.00-ON-U03-STD/344:user/release-keys Zebra/VC80x/VC80x:8.1.0/02-32-04.00-ON-U03-STD/344:user/release-keys Zebra/MC33/MC33:8.1.0/02-32-04.00-ON-U03-STD/344:user/release-keys Zebra/MC33/MC33C:8.1.0/02-32-04.00-ON-U03-STD/344:user/release-keys |
| Security Patch Level | July 05 2020 |

Important Links

- <https://techdocs.zebra.com/datawedge/8-0/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 | July 20, 2020 |