



# Release Notes – Zebra Android 11

## 11-23-23.00-RG-U00-STD-GRT-04 Release (GMS)

### Highlights

This Android 11 GMS release 11-23-23.00-RG-U00-STD-GRT-04 covers TC15 series product. Please see, device compatibility under Addendum Section for more details.

### Software Packages

| Package Name   | Description  |
|--|--|
| GR_FULL_UPDATE_11-23-23.00-RG-U00-STD-GRT-04.zip                     | Full Update Package  |
| GR_DELTA_UPDATE_11-19-13.00-RG-U00-STD_TO_11-23-23.00-RG-U00-STD.zip | Delta package from previous release 11-19-13.00-RG-U00-STD |

### Security Updates

This build is Compliant up to [Android Security Bulletin](#) of June 05, 2023.

### LifeGuard Update 11-23-23.00-RG-U00

- This LG patch is applicable for 11-19-13.00-RG-U00-STD-GRT-04 version

Updated below mentioned components:

|                      |  |
|----------------------|--|
| OSx version -        | SD6375.110.21.37   |
| Acoustic Profiles-   | TC15:<br>General:TC15-R-1.3<br>Cellular: TC15-R-1.1          |
| MXMF                 | 11.9.0.18  |
| Camera Tuning-       | Camera 0:01.C.OV13B10.18<br>Camera 1:01.C.GC5035.04          |
| License Manager-     | License Manager: 6.1.1<br>License Agent Version: 6.1.3.5.0.3 |
| NFC-                 | NFC_NCIHALx_AR18C0.11.02.00                                  |
| Zebra Camera-        | 2.04.102   |
| Scanning Framework - | 37.9.12.10   |
| StageNow -           | 11.9.0.1   |
| RXLogger -           | 7.75.5.31  |
| Zebra Data Service - | 10.0.4.1263  |

## ○ New Features

- Added support to configure whether LED should be on when it's charging to indicate charging status, else turn off
- Added Zebra Charge Manager support - Provides an interface to administrators to configure battery charging level & charging time to help improve battery longevity.
- Supporting Enhanced Connection manager for device to automatically switch between Wi-Fi and Cellular based on signal strengths
- USB Manager adds the ability to Configure USB Host Mode with rules for connecting peripherals without prompting the device user, for granting apps permission to access peripherals and for auto-launching apps on connection.
- Add support of Free-Form OCR powered by Google ML Kit using Text Recognition v2 (Beta) API
- Adding support MX CSP 11.9 for WWAN/LAN connection manager
- Adding support MX CSP 11.9 for Incoming/Outgoing call blocking through Admin

## ○ Resolved Issues

- SPR-48221 - Resolved an issue wherein devices would go to rescue party mode intermittently.
- SPR-50306 - Fix camera evict rule check logic issue
- SPR 48429 - Resolved an issue wherein user was able to get access to settings menu even with EHS launcher enabled while device was having low battery.
- SPR 48803 – Resolved an issue where MX UI Setting LockOverrideButton feature was throwing Feature not supported error.
- SPR-48680 – Resolved an issue where ET40/ET45/TC53/TC58 Video conference over WEB RTC (Real Time Communication) interpreting solution not working - no picture of the other participant (the interpreter) visible on the Zebra device
- SPR-48197 - Resolved an issue where Device freezes and reboots after a specific SIM is inserted
- SPR-48686 - Resolved an issue where screen rotation locking after waking from sleep
- SPR 48404 - Resolved an issue wherein Keystroke Action Key in Datawedge was not working as expected.
- SPR 47994 - Resolved an issue wherein ZDM was consuming more memory resulting in delayed response to access Privileged settings.
- SPR 47457 - Resolved an issue wherein EMDK's ProcessProfile API would fail if it was repeatedly executed.
- SPR 48005 - Resolved an issue wherein user was not able to set WIFI password that includes “\” using Stage Now
- SPR 47819 - Resolved an issue wherein user was not able to set Display size to 'Large' using Stage Now
- SPR-48051 – Resolved an issue regarding StageNow where FileMgr CSP is not working for A11
- SPR 48128 - Resolved an issue wherein Access Manager CSP was reporting “Unable to Initialize” error while using WFC.
- SPR 50225 - Resolved an issue where beam scan does not work with presentation mode and stay awake enabled
- SPR-47558 - Implemented the Support of Enabling/Disabling Captive Portal through MX

## ○ Usage Notes

- None

## LifeGuard Update 11-19-13.00-RG-U00

- This LG patch is applicable for 11-14-13.00-RG-U00-STD-GRT-04 version

Updated below mentioned components:

|                     |  |
|---------------------|--|
| OSx version -       | SD6375.110.20.34   |
| Acoustic Profiles-  | TC15:<br>General:TC15-R-1.3<br>Cellular: TC15-R-1.1          |
| MXMF                | 11.9.0.18  |
| Camera Tuning-      | Camera 0:01.C.OV13B10.18<br>Camera 1:01.C.GC5035.04          |
| License Manager-    | License Manager: 6.1.1<br>License Agent Version: 6.1.3.5.0.3 |
| NFC-                | NFC_NCIHALx_AR18C0.11.02.00                                  |
| Zebra Camera-       | 2.04.102   |
| Zebra Data Service- | 10.0.7.1001  |

- **New Features**

- None

- **Resolved Issues**

- SPR-48491-Enabling the 5G support for Reliance Jio Network

- **Usage Notes**

- None

## LifeGuard Update 11-14-13.00-RG-U00

- **New Features**

- Please refer to MXFS [Version History](#) for more information on new features added for MXMF.
- Added accessibility settings to reduced settings mode in MXMF

- **Resolved Issues**

- SPR-47094 – Resolves an issue where, device does not connect to AirWatch Server when device is connecting to the network through a Proxy PAC file.
- SPR-46408 – Resolves an issue where, StageNow Not showing downloading pop up when downloading OS update file from custom ftp server
- SPR-46162 – Resolves an issue where, USB keyboard stop working when using USBMgr, a parameter called “Access device storage from PC via USB” is set to disable.
- SPR-46418 – Resolves an issue where, License through Proxy is failing from StageNow
- SPR-47128 – Resolves an issue where, App installed manually to device failed to uninstall via StageNow/EMDK uninstall from App Manager
- SPR-47061 – Resolves an issue where MX Upgrade APK will fail
- Fixed an issue where, DataWedge workflow plug-in only allows to do free-form image capture with the default parameters hence any free-form image capture parameter change will not override the default parameters.

- Fixed an issue where, a customer using a proxy PAC file which has `isInNet()` JavaScript API to direct the traffic to intranet vs extranet or similar functionality will not be able to establish a connection to the desired endpoint without switching to an alternate API such as `dnsDomains()` or `shExpMatch()` or `ordnsDomainLevels()`.

- **Usage Notes**

- None

## Version Information

Below Table contains important information on versions

| Description          | Version  |
|----------------------|--|
| Product Build Number | 11-23-23.00-RG-U00-STD-GRT-04                        |
| Android Version      | 11   |
| Security Patch level | June 05, 2023  |
| Component Versions   | Please see Component Versions under Addendum section |

## Device Support

The products supported in this release are TC15 series product. Please see device compatibility details under Addendum Section.

## Known Constraints

- Due to Google security constraint, products introduced with Android 11 as the base OS limits the “adb push” command to copy files only to /data partition hence pushing files directly to /enterprise or sub folder of enterprise partition using “adb push” command will not be supported. Please see respective product documentation for further details on path changes related to this constraint.
- Camera preview timeout will be same as the Screen time out set in the system.
- When internal storage runs out, while recording a video or taking pictures using the camera App, user is expected to switch default storage location to external SD card (if a SD Card is present) manually.

## Important Links

- [Installation and setup instructions](#) (if the link does not work, please copy It to browser and try)
- [Zebra Techdocs](#)
- [Developer Portal](#)



## Addendum

### Device Compatibility

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

| Device Family | Part Number  |  | Device Specific Manuals and Guides |
|---------------|--|--|------------------------------------|
| TC15          | TC15BK-1PE14S-A6<br>TC15BK-1PF14S-A6<br>TC15BK-1PF14S-BR | TC15BK-1PE14S-IA<br>TC15BK-1PE14S-ID<br>TC15BK-1PE14S-TK | <a href="#">TC15 Home Page</a>     |

### Component Versions

| Component / Description   | Version  |
|---------------------------|--|
| Acoustic Profiles         | TC15: General:TC15-R-1.3<br>Cellular: TC15-R-1.1             |
| Audio                     | 0.1.0.0  |
| AnalyticsMgr              | 10.0.0.1002  |
| Android SDK Level         | 30   |
| Base Band Version         | MPSS.HI.4.3.1-01282-MANNAR_GEN_PACK-1                        |
| Battery Manager           | 1.4.1  |
| Bluetooth Pairing Utility | 3.27   |
| Camera                    | 2.04.102   |
| Camera Tuning             | Camera 0:01.C.OV13B10.18<br>Camera 1:01.C.GC5035.04          |
| DataWedge                 | 11.4.205   |
| EMDK                      | 11.0.134.4034  |
| Files                     | 11   |
| GMS                       | [11_202203]  |
| License Manager           | License Manager: 6.1.1<br>License Agent Version: 6.1.3.5.0.3 |

|                    |   |
|--------------------|---|
| Linux Kernel       | 5.4.210   |
| MXMF               | 11.9.0.18   |
| NFC                | NFC_NCIHALx_AR18C0.11.02.00                                   |
| OEM info           | 9.0.0.699   |
| OSX                | SD6375.110.21.37  |
| QCN                | 1.0   |
| RIL                | Qualcomm RIL 1.0  |
| RXLogger           | 7.75.5.31   |
| Scanning Framework | 37.9.12.10  |
| StageNow           | 11.9.0.1  |
| Touch Panel (FW)   | 0x0a<br>Mode-Finger only                                      |
| WWAN               | HW MBN: HW_DEFAULT: 0AE10104<br>SW MBN: SIM 0: ROW_Commercial |
| Zebra Data Service | 10.0.4.1263   |

## Revision History

| Rev | Description     | Date          |
|-----|-----------------|---------------|
| 1.0 | Initial release | June 24, 2023 |