

Release Notes – Zebra Android 11

11-13-13.00-RN-U00-STD-HEL-04 Release (NGMS)

Highlights

This Android 11 NGMS release 11-13-13.00-RN-U00-STD-HEL-04 covers ET51 family of products. Please see, device compatibility under Addendum Section for more details.

Software Packages

| Package Name | Description |
|--|--|
| HE_FULL_UPDATE_11-13-13.00-RN-U00-STD-HEL-04.zip | Full package update |
| Releasekey_Android11_EnterpriseReset_V1.zip | Reset Package to Erase User Data Partition Only |
| Releasekey_Android11_FactoryReset_V1.zip | Reset Package to Erase User Data and Enterprise Partitions |

Security Updates

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

Version Information

Below Table contains important information on versions

| Description | Version |
|----------------------|--|
| Product Build Number | 11-13-13.00-RN-U00-STD-HEL-04 |
| Android Version | 11 |
| Security Patch level | June 5, 2021 |
| Component Versions | Please see Component Versions under Addendum section |

Device Support

The products supported in this release are covers ET51 family of products.

Please see device compatibility details under Addendum Section.

New Features

- Added support for Wifi 6 on TC52ax & MC3300ax.
- Added support for 11ax: OFDMA, 1024 QAM, MU-MIMO on TC52ax & MC3300ax.
- Added support for Zebra workstation Connect on TC52ax.
- Added support for new UI design for Zebra Volume Control & Key ReMapping
- Added support for Wi-Fi MAC randomization in connected state. It is enabled in out of box condition and can be disabled using EMM.
- Added support to display status of symbol security in settings
- Added support to block the app install/update/un-install notifications during silent installation
- Added support for streaming of Delta OTA packages (LifeGuard updates).
- Added support for OTA Delta packages available on Zebra.com will be sequential in nature.
- Added support to release every LifeGuard update as a FULL & DELTA OTA package on zebra.com
- Added support to reduce the size of DELTA OTA package compared to previous dessert.
- Added support to reduce device downtime during LifeGuard update.
- Added support for NG Simulscan Support for camera
- Added support for RParams template for Doc Capture

Resolved Issues

Fixed: 39878 Customer Application sends DW intent api to set default profile in DW and DW not able to be processing this intent

Fixed: 39784 Clock Mx not setting correct time based on time zone setting

Fixed: 40390 Webpage not accessible when charging

Fixed: 40076 Customer scanner application not working properly

Fixed: 41886 Empty string after scanning QR Code with Datawedge

Fixed: 41161, 40219 Difficult to scan MSI 2 check digit barcode using Datawedge

Fixed: 43144 Unable to install Microsoft PowerApps

Fixed: 39760 press and hold effect was not working as expected after 15 secs

Fixed: 40770 Standardize the Thermal mitigation response and notifications

Fixed: 43087 Screen Stays black when power key is pressed

Fixed: 40906 No data show in Datawedge after decoding Datamatrix code encoded by 7-bits ASCII

Fixed: 43358 Unable to add the network using StageNow.

Fixed: 40567 Datawedge crashes while accessing a specific page.

Fixed: 40170 Bluetooth continuously crashes.

Fixed: 41440 Unable to collect rescue party logs.

Fixed: 41260 Pulse secure client cannot access keystore.

Fixed: 40025 Imager mode options to be removed from Datawedge.

Fixed: 40239 Device fails to enroll to Microsoft Intune.

Fixed: 40109 Internet issue while accessing webpages in internal apps.

Fixed: 40544 Failure to get connect notifications with DS3678.

Fixed: 40219 Failure to decode MSI barcodes.

Fixed: 41725 DW Api Suspend_Plugin keeps waiting.

Fixed: 43394 Cradle reboots when all the eight slots are connected to devices.

Fixed: 40287 Missing timestamp in Dotcode symbology.
Fixed: 41910 First touch after resume not registered correctly on 8 Inch HW.
Fixed: 41915 Serial port API not working.
Fixed: 41623 Resolved an issue wherein TC52 was displaying incorrect magnetometer values.
Fixed: 41886 Empty string after scanning QR Code with Datawedge.
Fixed: 37538 Observe a fast blink when battery is placed in toaster.
Fixed: 41881 DataWedge ContentProvider permission not accepted on OS Update.
Fixed: 41240 Integrated Scanner Datawedge lacks Code 128.
Fixed: 41891 'Network selection disabled' dialog is seen on the screen.
Fixed: 41327 Device reboots when paired to CS6080.
Fixed: 41348 OEMConfig - error messages are seen.
Fixed: 38958 ET50 does not use active connection when connected to remote site.

Usage Notes

- None

Known Constraints

- In-order to avoid any inconsistencies in Settings UI it is recommended to wait for a few seconds after the device boots up.
- On upgrading to A11 NFC manager configuration need to be applied/staged again
- Starting Android 11 on SDM660, an UPL file cannot consist of both Full OTA and Delta OTA package. On A11 customer can directly install the Full OTA package of required LG image
- One sec BT jitter noticed in 2.4GHz band.

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 |
|---------------|------------------|------------------|------------------------------------|
| ET51 | ET51CE-L21E-00CN | ET51CE-L21E-SFCN | ET51 Home Page |

Component Versions

| Component / Description | Version |
|-----------------------------------|---|
| Acoustics Profiles | ET51 8": General: PQ1.1 Cellular: ET51 10": General: PR3.2 Cellular: |
| Linux Kernel | 4.19.157-perf |
| AnalyticsMgr | 10.0.0.1002 |
| Android SDK Level | 30 |
| Audio (Microphone and Speaker) | 0.24.0.0 |
| Battery Manager | 1.1.9 |
| Bluetooth Pairing Utility | 3.24 |
| Camera | 2.0.002 |
| DataWedge | 11.0.89 |
| EMDK | 11.0.113.4013 |
| License Manager and License agent | version 5.0.1 and 5.0.1.5.0.0 |
| MXMF | 11.0.1.36 |
| NFC | NFC_NCIHALx_AR18C0.b.1.0 |
| OEM info | 9.0.0.466 |
| OSX | QCT.110.11.6.8 |

| | |
|----------------------|--|
| RXlogger | 7.0.0.0 |
| Scanning Framework | 30.7.29.0 |
| StageNow | 5.3.0.1 |
| Touch Panel (FW) | (ET51): Version 0410050000 Mode: Finger only |
| WLAN | FUSION_QA_2_1.1.0.028_R (ET51) |
| WorryFree WiFi: | WFW_A_2_6.1.0.003_R |
| Zebra Bluetooth | 11.0.12 |
| Zebra Volume Control | 3.0.0.34 |
| Zebra Data Service | 10.0.4.1015 |

Revision History

| Rev | Description | Date |
|-----|-----------------|---------------|
| 1.0 | Initial release | July 21, 2021 |