



# Release Notes – Zebra Android 13

## 13-42-20.00-TG-U00-STD-HEL-04 Release (GMS)

### Highlights

This Android 13 GMS release covers MC20, MC9300, TC8300, VC8300, L10A, RZ-H271, TC52AX, TC52AX HC, CC600, CC6000, TC21, TC21 HC, TC26, TC26 HC, TC52, TC52 HC, TC52x, TC52x HC, TC57, TC57x, TC72, TC77 & WT6300 family of products.

Starting at Android 11, Delta Updates must be installed in sequential order (ascending oldest to newest); Update Package List (UPL) is no longer a supported method. In place of installing multiple sequential Deltas, a Full Update can be used to jump to any available LifeGuard Update.

LifeGuard patches include all previous fixes that are part of earlier patch releases.

Please see, device compatibility under Addendum Section for more details.

### AVOID DATA LOSS WHEN UPDATING TO ANDROID 13

Read [Migrating to Android 13 on TechDocs](#)

### Software Packages

| Package Name                                                         | Description                                                |
|----------------------------------------------------------------------|------------------------------------------------------------|
| HE_FULL_UPDATE_13-42-20.00-TG-U00-STD-HEL-04.zip                     | Full package update                                        |
| HE_DELTA_UPDATE_13-38-24.00-TG-U00-STD_TO_13-42-20.00-TG-U00-STD.zip | Delta package from previous release 13-38-24.00-TG-U00-STD |
| Releasekey_Android13_EnterpriseReset_V2.zip                          | Reset Package to Erase User Data Partition Only            |
| Releasekey_Android13_FactoryReset_V2.zip                             | Reset Package to Erase User Data and Enterprise Partitions |
| Package Name                                                         | Description                                                |

### Zebra Conversion Package for migrating to Android 13 without data loss.

| Current Source OS Versions present on device |              |               | Zebra Conversion Package to be used | Notes |
|----------------------------------------------|--------------|---------------|-------------------------------------|-------|
| OS Dessert                                   | Release Date | Build Version |                                     |       |

|      |                              |                                          |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------|------------------------------|------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oreo | Any Oreo release             | Any Oreo release                         | 11-99-99.00-RG-U585-STD-HEL-04 | Android Oreo - For devices with LG version earlier than 01-23-18.00-OG-U15-STD, the device must be upgraded to this version or newer prior to beginning the migration process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Pie  | Any Pie release              | Any Pie release                          | 11-99-99.00-RG-U585-STD-HEL-04 | For Android Pie, the device must be upgraded to Android 10 or 11 to begin the migration process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| A10  | Any A10 release              | Any A10 release                          | 11-99-99.00-RG-U585-STD-HEL-04 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| A11  | May 2023 To Jan 2025 release | From LIFEGUARD UPDATE 11-49-09.00-RG-U00 | 11-99-99.00-RG-U585-STD-HEL-04 | <ol style="list-style-type: none"> <li>1. SD660 upgrades to A13 from lower OS dessert cause data reset due to encryption mismatch, hence ZCP is released to do selective data persistence in such OS upgrade cases, which is explained in the techdocs. <a href="https://techdocs.zebra.com/lifeguard/a13/">https://techdocs.zebra.com/lifeguard/a13/</a></li> <li>2. ZCP will be released in cadence of A11 LG MR release to make sure it is based upon the latest Security patches as per security team guidelines.</li> <li>3. Customers need to choose the right ZCP based on their source and target OS as mentioned in the tabular section of ZCP release notes.</li> <li>4. VC83-10 inch new display devices will not be allowed to use U545 BUILD.</li> </ol> |

## Security Updates

This build is Compliant up to [Android Security Bulletin](#) of June 01, 2025.

## LifeGuard Update 13-42-20.00-TG-U00

- LifeGuard Update 13-42-20.00-TG-U00 contains security updates, bug fixes and SPRs.
- This LG Delta Update package is applicable for 13-38-24.00-TG-U00-STD-HEL-04 BSP version.

### ○ New Features

- **WWAN:**
  - Cellular/Wireless Insights (**version: 1.0.5**) feature implemented.
- **Scanning Framework:**
  - Added Zebra USB scanner support in TC72/TC77 (SPR57288).

## ○ Resolved Issues

- SPR56504 - Resolved an issue wherein camera app was taking additional time while saving the image.
- SPR56634/57206 - Resolved an issue where notification bar could be pulled down after long pressing the power button despite disabling Notification pulldown from MX.
- SPR55769 - Resolved an issue wherein display size settings was not working as expected when applied via stage now.
- SPR56352 - Resolved an issue wherein user was unable to disable/enable the Haptic feedback feature via MX/OEMCONFIG.
- SPR55800 - Resolved an issue wherein WFW is not able to access host on different subnets.
- SPR56462/ SPR56460 - Resolved an issue wherein initial 10s was not heard during VoIP Calls.
- SPR51276 - Resolved an issue wherein a caller was unable to hear the audio from calling party while speaker mode was enabled at calling end.
- SPR56163 - Resolved an issue wherein user was intermittently experiencing connection failures due to PAC issue.
- SPR54852 - Resolved an issue wherein Wi-Fi profile was getting deleted sometimes after multiple reboots.
- SPR55465 - Resolved an issue wherein device fails to enroll while connecting to Wi-Fi network without requiring a Root CA or domain name.
- SPR55368 - Resolved an issue wherein DPR display size settings were not working as expected when applied via StageNow.
- SPR56574 - Resolved an issue wherein Recent Apps was not working in SOTI Lockdown mode.
- SPR55604 - SE4710 Scanner improvement in presentation mode.
- SPR54205/56558 - Resolved an issue wherein device was unable to retain Ethernet Static IP after every reboot.
- SPR54987 - Resolved issue where Battery charge level was not reported correctly below freezing.
- Resolved an issue where a memory leak occurred in SMARTMU for extended periods of validation. The WI Trial license period has reduced from 1 year to 6 months. Implemented the alarm manager to prevent timer sleep during Doze mode.
- Updated firmware PAAFNS00-002-R03 for SE55 Scan Engine with enhancements which will improve system performance and address minor occurrences of memory corruption. **This update is highly recommended**

## ○ Usage Notes

- None

## LifeGuard Update 13-38-24.00-TG-U00

- LifeGuard Update 13-38-24.00-TG-U00 contains security updates, bug fixes and SPRs.
- This LG Delta Update package is applicable for **TC72/TC77, TC52/TC57 and TC52x/TC57x** from 13-34-31.00-TG-U00-STD-HEL-04 BSP version and **All Products except TC72/TC77, TC52/TC57 and TC52x/TC57x** from 13-35-25.00-TG-U00-STD-HEL-04 BSP version.

## ○ New Features

- **Restriction for skip setup wizard:**
  - Due to new mandatory privacy requirements from Google, the Setup Wizard Bypass feature has been discontinued on devices running Android 13 and later. Consequently, it is now

restricted to skip the Setup Wizard screen, and the StageNow barcode will not function during the Setup Wizard, displaying a toast message stating “Not supported.”

- If the Setup Wizard has already been completed and its data was configured to persist on the device in the past, there is no need to repeat this process following an Enterprise Reset.
- For more details, please refer to the Zebra FAQ

documentation: <https://techdocs.zebra.com/zebradna/latest/faq/#setupwizardsuw>

- **KeyEvent:**

- Added Launch application option in double trigger remapping.

- **RxLogger:**

- Added Persist Logging option.

- **WWAN:**

- Added Advantix Carrier requirement implemented.
- TS25 updated to 2024 Q4.
- Data Roaming is enabled by default as per VZW requirement.

- **Bluetooth:**

- BQR report support for Device Guardian app for RS2100.
- Deprecate external BLE license for EC55/EC50 device.
- BT Profile Configuration to Disable/Enable.
- Remove External BLE license dependency for EC55/EC50.

- **Audio:**

- Microphone On/Off - This is the On/Off switch for the device microphone, which controls audio input through connected audio device.
- Added the support for the MDM to control audio input through the microphone on the device/connected with the device.
- Enhanced the functionality for the MDM to control mute usage and vibrate usage.
- Added support for MDM to launch ZVC using remaped key with intent broadcast.
- Added support to display ZVC UI in French(Canada).
- Scan beep distortion seen in Mirror mode over (HDMI/USBHS) when beep channel is Alarm/Ringtone/Notification.

- **OSx:**

- Access Manager – System settings access provides a new admin configuration to add “Network settings” as part of reduced settings.

- **Wireless Analyzer:**

- UI enhancements to integrate Cellular Insights and Wireless Analyzer for WAN devices.

- **Battery:**

- Added support to improve battery life cycle for new battery (BT-000371-A0) in MC9300.

- **ZDM:**

- Skip SetUp wizards can't be skipped with StageNow Barcode.
- Added feature in PowerMgr to control wakeup on touch.
- Added feature to support Network configuration while device is in reduced system settings.
- Added feature to AppMgr where application auto launch can be configured after install/upgrade.
- **Display Manager** adds the ability to:
  - Control display of the [two-line clock](#) on the Android lock-screen clock

- **DevAdmin** adds the ability to:
  - Add a **Secondary Keyguard** to work in addition the Android lock screen.
- **MX 14.0:**
  - **Access Manager** adds the ability to:
    - Individually control device-user access to **Accessibility** and **Network** settings in the Android Settings panel.
    - **Control device-user access** to the Zebra RxLogger diagnostics utilit on the device.
  - **UI Manager** adds the ability to:
    - Select a **Navigation Method** for switching between screens on a device.
    - Control **Color Inversion** on the device.
    - Control **TalkBack** feature, which speaks words displayed on the device screen.
  - **Display Manager** adds the ability to:
    - Control the **Secondary Monitor Auto-rotation** when a device is placed in a cradle connected to a monitor.
    - Specify a video file in the **Screen Saver Path** for display on the device.
  - **App Manager** adds the ability to:
    - Use the **App Feature parameter** to automatically launch an app or reboot the device after installation.
- **DW:**
  - Added support for USB SNAPi scanners and the ability to capture images via USB SNAPi scanners in DataWedge.
  - Added support for pre-defined vibration notification patterns in Notify API in DataWedge for RS scanners.
- **Scanning Framework:**
  - Included SE55 firmware version PAAFNS00-002-R01, which has the support for new LED part and an improved ranging algorithm.
- **Resolved Issues**
  - SPR54927 - Resolved an issue wherein some of the external keyboard layout were not getting set same as locale.
  - SPR54688 - Resolved an issue wherein Locked orientation was not working after lock/unlock the screen.
  - SPR54952 - Resolved an issue wherein Update the IntentMgr with correct mode setting when multiple intentMgr setting configured sequentially.
  - SPR54744 - Resolved an issue wherein Fix for free fall detection to work properly.
  - SPR54309 - Resolved an issue wherein Diamond key should not print any symbols if the input type of the focused view is number.
  - SPR55016 – Resolved an issue wherein user was unable to turn ON the torch light by remapping PTT button.
  - SPR55192 – Resolved an issue wherein Corrected the SIM Slot selection mechanism using CSP for TC26 (TC26EK-21A222-05 SKU).
  - SPR55277/ SPR54753 - Resolved an issue wherein audio quality during first 10 secs of the VoIP call in TC52x device.
  - SPR53802 – Resolved an issue wherein device would reboot while trying to connect to a specific band.

- SPR54534 - Resolved an issue wherein an issue where NFC was intermittently OFF after battery hot swap operation.
- SPR54827/53485/54098/54756 – Resolved an issue wherein database corruption issue which may cause some Apps to stop working or prevent device from booting up.
- SPR54952 - Resolved an issue wherein ZAMS and FFD both become non-functional when enabled/used simultaneously.
- SPR54698 - Resolved an issue wherein Device Central was not showing full list of peripheral information.
- SPR54688 - Resolved an issue wherein locked orientation was not working as expected.
- SPR54894/54744 – Resolved an issue wherein FFD not working and the FFD person down icon not getting displayed.
- SPR54626/54864 - Resolved an issue wherein RS5100 getting disconnected while attempting VOIP call on same mobile device over headset HS3100.
- SPR53368 - Resolved an issue wherein TC27 eSIM activation fails on SOTI.
- SPR55297 - Resolved an issue wherein to handle special characters in user input data.
- SPR54357 - Resolved an issue wherein scanner would not work intermittently.
- SPR54624 - Resolved an issue wherein aimer is not shown under Free-Form image capture has been enabled.
- SPR53808 - Resolved an issue wherein Failed to decode Enhanced dot matrix barcode, Expose the Datamatrix Inverse Setting.
- SPR54877 - Added Support for BeaconConfig Service for MC93.
- SPR52847 - Resolved an issue wherein device is disconnecting after ~8 hr of constant connection using Fast roam.
- SPR55313 - Resolved an issue wherein user was unable to send intent command via adb.
- SPR53520 - Resolved an issue wherein certain QRCode were not being able to be decoded.
- SPR55047 - Resolved an issue wherein EMM agent was not getting persisted during A13 upgrade.

#### ○ Usage Notes

- None

### **LifeGuard Update 13-34-31.00-TG-U00 (for TC72/TC77, TC52/TC57 and TC52x/TC57x Only) and LifeGuard Update 13-35-25.00-TG-U00 (for All Products except TC72/TC77, TC52/TC57 and TC52x/TC57x).**

- LifeGuard Update 13-34-31.00-TG-U00 (**for TC72/TC77, TC52/TC57 and TC52x/TC57x only**) and LifeGuard Update 13-35-25.00-TG-U00 (**All Products except TC72/TC77, TC52/TC57 and TC52x/TC57x**) contains security updates, bug fixes and SPRs.
- This LG Delta Update package is applicable for 13-32-14.00-TG-U07-STD-HEL-04 BSP version.

#### ○ New Features

- **KeyEvent:**
  - Added support for Kodiak PTT application on WLAN devices.
- **Power Amplifier:**
  - Added support of New Power Amplifier (SKY77652) to the devices TC57/TC77/TC57x.

#### ○ Resolved Issues

- SPR53802 - Resolved an issue wherein device would reboot while trying to connect to a specific band.
- SPR53784 - Resolved an issue wherein chrome browser would switch tab upon press of scan trigger.
- SPR53446 - Resolved an issue wherein touch panel would intermittently become un-responsive.
- SPR54018 - Resolved an issue wherein SWITCH PARAMS API was not working as expected when trigger was disabled.
- SPR54433 - Resolved an issue wherein GPS XTRA download failure was happening since Oct LG.
- SPR54342 - Resolved an issue wherein Notification Mgr would fail to work as expected.
- SPR53109 - Resolved an issue wherein Diamond+ Orange key combination is not working after remapping the diamond key.
- SPR53538 - Resolved an issue wherein remapping a button to intent would result in both newer intent and the default button action being performed.
- SPR54073 - Resolved an issue wherein remapping diamond key along with modifier keys was not working as expected.
- SPR53434 - Resolved an issue wherein the display resolution resets upon docking to the Workstation connect with specific monitor.
- SPR53518 - Resolved an issue wherein user was unable to set max volume when a headset was connected.
- SPR53388 - Firmware Update for SE55 Scan Engine with Critical bug fixes, and performance enhancements. This update is highly recommended.
- SPR54026 - Resolved an issue wherein inverse QR code params was still available to be set by applications even though it was not supported.
- SPR54264 - Resolved an issue wherein TC21 snap on trigger was not working when DS3678 was connected.
- SPR54043 - Resolved an issue wherein scan beam would randomly stay on until timeout upon continuous trigger press.
- SPR54231 - Resolved an issue wherein certain encrypted data was visible in component logs.
- SPR54589 - Resolved an issue wherein PD20 would not get powered on when it's not connected to charger.
- SPR53070 - Resolved an issue wherein moisture detection feature was not working as expected.
  - Please [click here](#) for more information.
- SPR54970 - Resolved an issue wherein delay was observed during registering Emergency calls.
- SPR54756 - Resolved an issue where files and applications were lost upon reboot, which also prevented the device from starting due to missing files.

#### ○ Usage Notes

- Compatible with new Power Amplifier (PA) hardware (**SKY77652**). WWAN SKUs manufactured after November 25, 2024 will have this new PA component and will not be allowed to downgrade below the following Android images: A13 image 13-34-31.00-TG-U00-STD, A11 image 11-51-18.00-RG-U00-STD, A10 image 10-63-18.00-QG-U00-STD and A8 image 01-83-27.00-OG-U00-STD.

### LifeGuard Update 13-32-14.00-TG-U07

- LifeGuard Update 13-32-14.00-TG-U07 contains security updates.
- This LG Delta Update package is applicable for 13-32-14.00-TG-U02-STD-HEL-04 BSP version.

#### ○ New Features

- None

#### ○ Resolved Issues

- None
- **Usage Notes**
  - None

## LifeGuard Update 13-32-14.00-TG-U02

- LifeGuard Update 13-32-14.00-TG-U02 contains security updates.
- This LG Delta Update package is applicable for 13-32-14.00-TG-U00-STD-HEL-04 BSP version.

- **New Features**
  - None
- **Resolved Issues**
  - None
- **Usage Notes**
  - None

## LifeGuard Update 13-32-14.00-TG-U00

- LifeGuard Update 13-32-14.00-TG-U00 contains security updates, bug fixes and SPRs.
- This LG Delta Update package is applicable for **All Products except TC52AX & TC21** from 13-29-10.00-TG-U05-STD-HEL-04 BSP version and **TC52AX & TC21** from 13-30-12.00-TG-U04-STD-HEL-04 BSP version.

- **New Features**
  - **WLAN:**
    - Added Support for 802.1x cabled connections.
  - **DHCP:**
    - Added Domain Search List (119) feature in DHCP Option Manager.
  - **DataWedge:**
    - Added support for configuring a delay between scans (minimum scan interval).
  - **WWAN:**
    - Introduced Advantix carrier requirements support.
  - **Scanning Framework:**
    - Additional symbologies added to Free-Form Image Capture and Barcode highlighting. Ability to highlight and/or report back all postal codes (US Postnet, US Planet, UK Postal, Japanese Postal, Australia Post, US4state FICS, US4state, Mailmark, Canadian Postal, Dutch Postal, Finish Postal 4S).
    - New Configurable Focus Parameters offered for devices with SE55 Scan Engine.
- **RxLogger:**

- Added a "Reset to Default" option in the three-dot menu in Instant Logging module settings to reset the configurations back to default.
- **Workstation Connect:**
  - "Workstation Connect is now supported on this release, for details on compatibility please check <https://www.zebra.com/us/en/support-downloads/software/productivity-apps/workstation-connect.html>"
- **MX 13.4:**
  - Bluetooth Manager adds the ability to:
    - Designate apps to allow or block from performing certain operations.
    - Filter BLE scan results based on a Received Signal Strength Indicator (RSSI) range.
    - Maintain BLE scanning filters for easy deployment based on use case.
  - Sets a System or User app with the specified Package Name as the new default Camera. The specified app must already be installed on the device and generally should be designed to be a Android Camera according to Android specifications. If no app with the specified Package Name is installed on the device, an error is returned in the Result.
- **Resolved Issues**
  - SPR53473 - Resolved an issue wherein Home button would not function after uninstalling Identity guardian application.
  - SPR53269 - Resolved an issue wherein users were unable to make calls intermittently due to No circuit available error.
  - SPR53225 - Resolved an issue wherein Network connection manager was not prioritizing WLAN profiles correctly.
  - SPR53290 - Resolved an issue wherein device would not roam correctly.
  - SPR52291 - Resolved an issue wherein device would experience intermittent roam failures.
  - SPR53616 - Resolved an issue wherein Vibrate icon was not showing in status bar when enabled via stagenow.
  - SPR53470 - Resolved an issue wherein Condition Manager CSP was not functioning correctly.
  - SPR54037 - Resolved an issue wherein corrected the Zebra eSIM Staging function error handling.
  - SPR53899 - Resolved an issue wherein even after Restricted settings being enabled, user was able to access permission menu.
  - SPR53520 - Resolved an issue wherein QR code was intermittently not being correctly decoded.
- **Usage Notes**
  - None

## LifeGuard Update 13-29-10.00-TG-U05 (for All Products except TC52AX & TC21) and LifeGuard Update 13-30-12.00-TG-U04 (for TC52AX & TC21 Only)

- LifeGuard Update 13-29-10.00-TG-U05 (for All Products except TC52AX & TC21) and LifeGuard Update 13-30-12.00-TG-U04 (for TC52AX & TC21 Only) contains security updates.
- This LG Delta Update package is applicable for All Products except TC52AX & TC21 from 13-29-10.00-TG-U02-STD-HEL-04 BSP version and TC52AX & TC21 from 13-30-12.00-TG-U00-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

## **LifeGuard Update 13-29-10.00-TG-U02 for All Products except TC52AX & TC21**

- LifeGuard Update 13-29-10.00-TG-U02 contains security updates.
- This LG Delta Update package is applicable for 13-29-10.00-TG-U00-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

## **LifeGuard Update 13-29-10.00-TG-U00 (for All Products except TC52AX & TC21) and LifeGuard Update 13-30-12.00-TG-U00 (for TC52AX & TC21 Only)**

- LifeGuard Update 13-29-10.00-TG-U00 (**for All Products except TC52AX and TC21**) and LifeGuard Update 13-30-12.00-TG-U00 (**for TC52AX & TC21 Only**) contains security updates, bug fixes and SPRs.
- This LG Delta Update package is applicable for 13-26-09.00-TG-U03-STD-HEL-04 BSP version.

- **New Features**

- **Scanner Framework:**

- Added support for postal codes (via camera or imager) in
      - Free-Form Image Capture (workflow Input) – Barcode Highlighting/Reporting
      - Barcode highlighting (Barcode Input).
    - Picklist + OCR Enhancements | Picklist + OCR allows capture of either a barcode or OCR by centering the desired target with the aiming crosshair or dot. Supported on both Camera and Integrated Scan Engines. Enhancements include:
      - Text Structure: ability to capture a Single Line of text in addition to the initial release of a single word.
      - Report Barcode Data Rules: ability to set rules for which barcodes to capture and report.
      - Picklist Mode: ability to allow for Barcode or OCR, or limit to OCR only, or Barcode Only.

- Decoders: ability to enable capture any of Zebra supported decoders, previously only the default barcodes were supported.
- **OSX:**
  - Added a new MX feature which allows admin to show/hide the Remote Cast/Control icon in status bar when device is remotely controlled.
  - Added a new MX feature which allows admin to show/hide Keyguard screen on remote display.
- **Display Support:**
  - Added support for new display panels (G104XVN01.010) for VC83.
- **Key Event:**
  - Added support for Package name when remapping a key to send intent as broadcast.
- **DataWedge:**
  - Support has been added to enable and disable decoders, such as US4State and other Postal decoders, in the Free-Form Image Capture Workflow and other workflows where applicable.
  - New Point & Shoot feature: Allows the simultaneous capture of both barcodes and OCR (defined as a single alphanumeric word or element) by simply pointing at the target with the crosshair in the viewfinder. This feature supports both Camera and Integrated Scan Engines and eliminates the need to end the current session or switch between barcode and OCR functionalities.
- **COPE:**
  - Enhanced support for Android COPE (corporate-owned, personally enabled) mode. Details published soon on [Zebra Techdocs](#).
- **MX 13.3:**
  - DevAdmin adds the ability to:
    - Control Android Lock Screen visibility on the remote console if the Lock Screen appears on a device while being remotely controlled.
  - Display Manager adds the ability to:
    - Select screen resolution on the secondary display when a device is connected to an external monitor through a Zebra Workstation Cradle.
  - UI Manager adds the ability to:
    - Control whether to display the remote-control icon in the Status Bar when the device is being remotely controlled or viewed.
- **Resolved Issues**
  - SPR53286 - Resolved an issue wherein remapping a key for the Grey table fails.
  - SPR53153 - Resolved an issue wherein Getting the state of the active modifier list was always NULL.
  - SPR51755 - Resolved an issue wherein notification setting was still accessible when App Notification control was disabled.
  - SPR52455 - Resolved an issue where Bluetooth HID devices were getting disabled when USB module usage is disabled.
  - SPR52492 - Resolved an issue wherein EMDK APIs were taking more time compared to previous deserts.
  - SPR52603 - Resolved an issue where Stagenow disabling mute and vibrate not working in HC50.
  - SPR52693 - Resolved an issue wherein user was not able to customize the color of Android components.
  - SPR52042 - Resolved an issue wherein third-party Bluetooth scanners were not getting connected.

- SPR51276 - Resolved an issue wherein remote user was not able to hear the audio when the other speaker was speaking in speaker phone mode.
- SPR52573 - Resolved an issue wherein TC57 was not able to reconnect with specific BT printer after its reboot.
- SPR52539 - Resolved an issue wherein Datawedge scanning was not working after device resumes back from suspend state.
- SPR52606 - Resolved an issue wherein the Alert Button would not work as expected.
- SPR52508 - Resolved an issue wherein device would intermittently reboot due to a WLAN anomaly.
- SPR52575 - Resolved an issue wherein screen blanking feature would not work intermittently.
- SPR52621 - Resolved an issue wherein enabling touch feedback feature was not working.
- SPR52123/51406 - Resolved an issue wherein USB port would still be powered even when the device was in suspend state.
- SPR52643 - Resolved an issue wherein Device Central App was not able to display serial number and firmware version of the tethered scanner.
- SPR53255 - Resolved an issue wherein user was not able to change the cellular data usage warning threshold using stagenow.
- SPR53152 - Resolved an issue wherein after performing long battery hot swap, ringer becomes silenced without notification after reboot.
- SPR52452 - Resolved an issue wherein special characters were not being handled for downloading esim profile with nickname having special characters.

- **Usage Notes**

- The VC83 new display devices will not be allowed to downgrade below 13-29-10.00-TG-U00-STD-HEL-04.
  - To identify display type, users can check 'ro.config.device.display' property using getprop command from adb.
    - Devices with new display G104XVN01.010 will have [ro.config.device.display]: [703]
    - Devices with display G104XVN01.0 (old display) will have [ro.config.device.display]: [700]

## **LifeGuard Update 13-26-09.00-TG-U03**

- LifeGuard Update 13-26-09.00-TG-U03 contains security updates.
- This LG Delta Update package is applicable for 13-26-09.00-TG-U00-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

## **LifeGuard Update 13-26-09.00-TG-U00**

- LifeGuard Update 13-26-09.00-TG-U00 contains security updates, bug fixes and SPRs.
- This LG Delta Update package is applicable for 13-22-18.00-TG-U04-STD-HEL-04 BSP version.

- **New Features**

- **Scanner Framework:**

- Integrated support for MP7000 scanner and scale.

- **Zebra Device Manager:**

- Control MTP folder write access to Android/data and Android/obb folders on the device when Media Transfer Protocol is used via USBMgr.

- **DataWedge:**

- Added support for Digital Link parsing for GS1 barcodes in DataWedge.
    - Added support for GS1 Parsing for Non-UDI GS1 barcodes in DataWedge.

- **ZRP:**

- PowerMgr - Set Recovery Mode Access to features that could compromise a device.

- **WWAN:**

- USSD & SS enabled over IMS for Saudi Arabia.

- **Bluetooth:**

- Smart leash feature support for device tracker application.

- **Battery:**

- Feature to measure battery consumption per application.

- **MX 13.2:**

- Audio Manager adds the ability to:
      - Control whether to show/hide vibration icon on the Status Bar, which indicates whether the device vibrates when Notifications are received.
    - Audio Volume UI Manager adds the ability to:
      - Control whether to allow the device user to show/hide the vibration icon on the Status Bar of the device.
    - Cellular Manager adds the ability to:
      - Configure Voice Over LTE settings with a JSON file.
    - UI Manager adds the ability to:
      - Control Large-screen Taskbar usage, which displays recent and pinned apps, plus a link to the app library.
      - Control usage of the Active App List UI in the Notification panel on the device, potentially allowing the user to terminate apps running on the device.
      - Identify external keyboard names using wildcard characters.
    - USB Manager adds the ability to:
      - Control MTP folder write access to Android/data and Android/obb folders on the device when Media Transfer Protocol is used.

- **Resolved Issues**

- SPR50739 - Resolved an issue wherein Hardware picklist was not working with NG Multi barcode setting.
- SPR51525 - Resolved an issue wherein Datawedge IME was intermittently getting set as default IME.
- SPR51099 - Resolved an issue wherein Scan beam would not appear in SKIP SUW screen after updating to A11.
- SPR51748 - Resolved an issue wherein NFC bump was failing when camera module was enabled.
- SPR50407 - Resolved an issue wherein Select Launcher popup would appear even after a default launcher was selected.
- SPR50778 - Resolved an issue where StageNow profile to install apk with capital APK fails.
- SPR50519 - Resolved an issue wherein Battery decommissioned popup would incorrectly appear on the device.
- SPR48371 - Resolved an issue wherein device would not resume post hot swap.
- SPR51297 - Resolved an issue wherein BT silent pairing was not working with pin code.
- SPR51954 - Resolved an issue wherein device was undergoing soft reset upon applying locationstate param.
- SPR51686 - Resolved an issue wherein StageNow was not invoking EMM for enrollment.
- SPR51491 - Resolved an issue wherein a MX configuration was preventing screen from timing out.
- SPR48638 - Resolved an issue wherein static was observed during PTT calls.
- SPR51888 - Resolved an issue wherein Keymapping Manager the "Shift" + "Force State OFF" function was not working.
- SPR51631 - Resolved an issue wherein Simulscan was not working after updating from oreo to A11.
- SPR51324 - Resolved an issue wherein BT Scanning service was getting killed due to Low memory.
- SPR51244 - Resolved issue wherein ZebraCommonIME was getting set as the default Input Method.
- SPR51409 - Resolved an issue wherein ZebraCommonIME was getting set as the default Input Method upon orientation change.
- SPR51746 - Resolved an issue wherein Datawedge would get into disabled state intermittently when EMDK App would execute early in boot.
- SPR52011 - Resolved an issue wherein applying EMDK profiles was taking a long time.
- SPR51696 - Resolved an issue wherein Rxlogger snapshot logs were intermittently not getting captured.
- SPR51977 - Resolved an issue wherein device would get stuck while boot up in splash screen.
- SPR51336 - Resolved an issue wherein CS calls were giving No circuit available error.
- SPR52026 - Resolved an issue wherein certain encrypted params were not getting imported correctly in stagenow.
- SPR52072 - Resolved an issue wherein condition Manager was not working as expected when used simultaneously along with XML Manager CSP.

- **Usage Notes**

- None

## **LifeGuard Update 13-22-18.00-TG-U04**

- LifeGuard Update 13-22-18.00-TG-U04 contains security updates.
- This LG Delta Update package is applicable for 13-22-18.00-TG-U02-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

## **LifeGuard Update 13-22-18.00-TG-U02**

- LifeGuard Update 13-22-18.00-TG-U02 contains security updates.
- This LG Delta Update package is applicable for 13-22-18.00-TG-U01-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

## **LifeGuard Update 13-22-18.00-TG-U01**

- LifeGuard Update 13-22-18.00-TG-U01 contains security updates.
- This LG Delta Update package is applicable for 13-22-18.00-TG-U00-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

## **LifeGuard Update 13-22-18.00-TG-U00**

- LifeGuard Update 13-22-18.00-TG-U00 contains security updates, bug fixes and SPRs.
- This LG Delta Update package is applicable for 13-20-02.00-TG-U05-STD-HEL-04 BSP version.

- **New Features**

- **Scanner Framework:**
  - Update Google MLKit Library version to 16.0.0.

- Updated Firmware for SE55 Scan Engine to improve autofocus.
- **DataWedge:**
  - New Picklist + OCR feature: allows capture of either a barcode or OCR (single word) by centering the desired target with the aiming crosshair or dot. Supported on both Camera and Integrated Scan Engines.
- **Fusion:**
  - Support for multiple root certificates for Radius server validation.
- **Wireless Analyzer:**
  - Stability fixes in Firmware and Wireless Analyzer stack.
  - Improved analysis reports and error handling for Roaming and Voice Features.
  - UX and other bug fixes.
- **MX 13.1:**
  - Access Manager adds the ability to:
    - Pre-grant, pre-deny or defer to the user access to "Dangerous Permissions".
    - Allow the Android system to automatically control permission to seldom-used apps.
  - Power Manager adds the ability to:
    - Turn off the power on a device.
    - Set Recovery Mode Access to features that could compromise a device.
    - Select whether to display Upgrade and Downgrade actions for selection while the device is in Recovery Mode.
  - UI Manager adds the ability to:
    - Turn on/off Do Not Disturb mode on a device.
    - Enable/disable Inter-app Sharing on a device.
    - Enable/disable configuration of Accessibility options, which can help simplify device usage for those with physical and/or visual impairments.
    - Show/hide Immersive Mode pop-up warning.
    - Configure Touch-and-Hold Delay for key long-presses.
  - Wi-Fi adds the ability to:
    - Allow an administrator to select the FTM Intervals, a preference for the frequency of updates to the Fine Timing Measurement Location on a device.
    - Enable Secure Advanced Logging, which encrypts Wi-Fi Advanced logs and imposes a user-specified password for log access.
- **Auto PAC Proxy:**
  - Added support for Auto PAC Proxy feature.
- **Resolved Issues**
  - SPR51197 - Resolved an issue wherein WT6300 touch panel was not responsive when operated in - 25c environment.
  - SPR50640 - Resolved an issue wherein user was unable to ping the devices that were using modified host name through host manager Communication Service Provider.
  - SPR51659 - Resolved an issue wherein Key Programmer doesn't open in Kiosk mode.
  - SPR51660 - Resolved an issue wherein 3x3 Diamond matrix pops up on Diamond key press when blue modifier is enabled.
  - SPR51388 - Resolved an issue, to fix camera app crash when device rebooted multiple times.
  - SPR51435 - Resolved an issue where device fails to roam when Wi-Fi lock is obtained in "wifi\_mode\_full\_low\_latency" mode.

- SPR51146 - Resolved an issue where in after setting the alarm the text in notification is changed from DISMISS to DISMISS ALARM.
- SPR51099 – Resolved an issue where scanner was not enabled to scan SUW bypass barcode.
- SPR51331 – Resolved an issue where Scanner remained in DISABLED status after suspending and resuming the device.
- SPR51244/51525 – Resolved an issue where ZebraCommonIME/DataWedge getting set as primary Keyboard.

- **Usage Notes**

- To ensure full NFC functionality Zebra recommends not to downgrade to images older than below BSP's except for non-NFC products PS20, VC83.
  - A11 11-23-13.00-RG-U00, A10 10-16-10.00-QG-U120-STD-HEL-04, A9 02-21-09.00-PG-U22-STD, A8 01-30-04.00-OG-U44-STD.
- Downgrading to older versions than listed above may result in NFC functionality issues. However, downgrading to older OS versions can be used if NFC functionality is not needed.

## **LifeGuard Update 13-20-02.00-TG-U05**

- LifeGuard Update 13-20-02.00-TG-U05 contains security updates.
- This LG Delta Update package is applicable for 13-20-02.00-TG-U01-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

## **LifeGuard Update 13-20-02.00-TG-U01**

- LifeGuard Update 13-20-02.00-TG-U01 contains security updates.
- This LG Delta Update package is applicable for 13-20-02.00-TG-U00-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

## LifeGuard Update 13-20-02.00-TG-U00

- LifeGuard Update 13-20-02.00-TG-U00 contains security updates, bug fixes and SPRs.
- This LG Delta Update package is applicable for 13-18-19.00-TG-U00-STD-HEL-04 BSP version.
- **New Features**
  - Added Apple VAS feature support for selected TC21, TC26 SKUs.
  - Added support for Admin to control BT scanner parameters Reconnect Timeout, Wi-Fi-friendly channel exclusion, and Radio Output Power for remote Scanners RS5100 and Zebra Generic BT scanners.
- **Resolved Issues**
  - SPR50649 - Resolved an issue wherein decoded data was not received by the app via intent.
  - SPR50931 - Resolved an issue wherein OCR data was not formatted when keystroke output was selected.
  - SPR50645 - Resolved an issue wherein device would report charging slowly.
  - SPR48783 - Battery charging current was tuned for TC52ax, TC52, TC52x-HC device SKUs.
- **Usage Notes**
  - None

## Update 13-18-19.00-TG-U00

### New Features

- In A13, data encryption method is changed from full disk (FDE) to file based (FBE).
- Zebra Charging Manager new feature is added in Battery Manger App to improve battery Life.
- RxLogger new features includes - Additional WWAN dumphsys commands and Configurable logcat buffer size through RxLogger settings.
- Worry-free Wi-Fi is now renamed as Wireless Analyzer.
- Wireless Analyzer supports 11ax scan list feature, FT\_Over\_DS feature, 6E Support to add (RNR, Multi-BSSID) in Scan list and FTM API integration with Wireless Insight.
- In A13 Stagenow JS Barcode support is added .XML Barcode will not be Supported by Stagenow in A13.
- DDT New release will have new package name. Old package name support will be discontinued after some time. Older version of DDT must be uninstalled, and newer version should be installed.
- In A13 Quick setting UI has changed.
- In A13 Quick setting UI QR scanner code option is available.
- In A13 Files app is replaced by Google Files App.
- Initial Beta Release of Zebra Showcase App (Self Updatable) explores the latest features and solutions, a platform for new demos built on Zebra Enterprise Browser.
- DWDemo has moved to the ZConfigure folder.

### Resolved Issues

- SPR48592 Resolved an issue with EHS crashing.
- SPR47645 Resolved an issue with EHS suddenly disappears, and Quickstep shows up.
- SPR47643 Resolved an issue with Rescue Party screen during Wi-Fi ping test.

- SPR48005 Resolved an issue with StageNow - the string length of Passphrase WPAClear is too long when using \\ for \ in passphrase.
- SPR48045 Resolved an issue with MX not able to use HostMgr Hostname.
- SPR47573 Resolved an issue with Short Press should not open Power Menu
- SPR46586 Resolved an issue with EHS Unable to set EHS as default Launcher with StageNow
- SPR46516 Resolved an issue with Audio Settings Do Not Persist upon Enterprise Reset
- SPR45794 Resolved an issue with Selecting\changing Audio Profiles does not set volume to preset levels.
- SPR48519 Resolved an issue with Clear Recent Apps MX Failing.
- SPR48051 Resolved an issue with StageNow where FileMgr CSP not working.
- SPR47994 Resolved an issue with Slower to update the tile name at every reboot.
- SPR46408 Resolved an issue with Stagenow Not showing downloading pop up when downloading os update file from custom ftp server.
- SPR47949 Resolved an issue with Clearing recent apps is opening Quickstep launcher instead in EHS.
- SPR46971 Resolved an issue with EHS Auto launch app list is not preserved when EHS configuration is saved from EHS GUI
- SPR47751 Resolved an issue with Default Launcher Problem setting when device has blacklisted com.android.settings applied
- SPR48241 Resolved an issue with System UI crash with MobileIron's DPC launcher.
- SPR47916 Resolved an issue with OTA Download through Mobile Iron (using Android Download Manager) Fails in 1Mbps network speed.
- SPR48007 Resolved an issue with Diag daemon at RxLogger increases its consumption memory.
- SPR46220 Resolved an issue with BTSnoop log module inconsistency in generating CFA logs.
- SPR48371 Resolved an issue with SWAP battery - the device doesn't restart - Power on doesn't run after swapping.
- SPR47081 Resolved an issue with Fixing a timing issue with USB during suspend/resume.
- SPR50016 Resolved an issue with gnss engine stays in locked state.
- SPR48481 Resolved an issue with Wi-Fi beacon miss issue between Device and WAP.
- SPR50133/50344 Resolved an issue with Device entering Rescue Party mode randomly.
- SPR50256 Resolved an issue with Mexico Daylight Savings Changes
- SPR48526 Resolved an issue with Device Freezing randomly.
- SPR48817 Resolved an issue with Auto shutdown disabled in TestDPC Kiosk.
- Integrated Mandatory Functional Patch from Google Description: A-274147456 Revert intent filter matching enforcement.

## Usage Notes

Existing customers can upgrade to A13 with data persistence using one of the following methods.

- a) Using FDE-FBE conversion package ( [FDE-FBE conversion package](#) )
- b) Using EMM enterprise persistence (AirWatch, SOTI)

## Version Information

Below Table contains important information on versions

| Description          | Version                                              |
|----------------------|------------------------------------------------------|
| Product Build Number | 13-42-20.00-TG-U00-STD-HEL-04                        |
| Android Version      | 13                                                   |
| Security Patch level | June 01, 2025                                        |
| Component Versions   | Please see Component Versions under Addendum section |

## Device Support

Please see device compatibility details under Addendum Section.

## Known Constraints

- Dessert Upgrade to A13 will have Enterprise reset because of Encryption change from FDE to FBE.
- Customers who upgrade from A10/A11 to A13 without FDE-FBE conversion package or EMM persistence will result in data wipe.
- Dessert upgrade from A10, A11 to A13 can be done with UPL with reset command. Oreo reset command is not supported.
- DHCP Option 119 feature is currently not supported in this release. Zebra is working on enabling this feature in future Android 13 releases.
- Workstation Connect Not supported in this Release.
- SPR47380 OS level exception caused by the initialization of an NFC internal component, resulting in the crash log present upon reboot. After the OS exception, the NFC chip retries the initialization, and it is successful. There is no functionality loss.
- SPR48869 MX - CurrentProfileAction set to 3 and Turning off DND. This will be fixed in upcoming A13 releases.
- Scanner and keypad volume restrictions are not persisted after A13 upgrade. This is restriction is only for May A11 LG. Fix for this issue will be available in upcoming conversion package.
- Staging via NFC is not supported.
- EMM supporting persistence feature (primarily Airwatch/SOTI) will only work while migrating from A11 to A13.
- When upgrading from A8 (Oreo) to newer versions via Recovery mode, ensure you reboot the device after a data reset and before proceeding with the next OS update.

## Important Links

- [SDM660 A13 OS Update instructions](#)

- [FDE-FBE conversion package](#)
- [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 |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| MC20          | MC200A-GA2S40JP                                                                                                                                                                                                                                                               |                                                                                                                                                                                           | <a href="#">MC20 Home Page</a>     |
| RZ-H271       | RZ-H271                                                                                                                                                                                                                                                                       |                                                                                                                                                                                           | <a href="#">MC20 Home Page</a>     |
| MC93          | MC930B-GSXXG4XX<br>MC930P-GSXXG4XX<br>MC930P-GFXXG4XX<br>Note: 'x' Stands for wild card for different configurations                                                                                                                                                          | MC930B-GSXXG4NA-XX<br>MC930P-GSXXG4NA-XX                                                                                                                                                  | <a href="#">MC9300 Home Page</a>   |
| TC8300        | TC83B0-x005A510NA<br>TC83B0-x005A61CNA<br>TC83BH-x205A710NA<br>TC83B0-x005A510RW<br>TC83B0-x005A61CRW<br>TC83BH-x205A710RW<br>TC83B0-x005A510IN<br>TC83B0-x005A61CIN<br>TC83BH-x205A710IN<br>TC83BH-x206A710NA<br>Note: 'x' Stands for wild card for different configurations | TC83BH-x206A710RW<br>TC83B0-4005A610NA<br>TC83B0-4005A610RW<br>TC83B0-4005A610IN<br>TC83B0-5005A610NA<br>TC83B0-5005A610RW<br>TC83B0-5005A610IN<br>TC83B0-x005A510TA<br>TC83BH-x205A710TA | <a href="#">TC8300 Home Page</a>   |
| VC8300 8"     | VC83-08FOCABAABA-I<br>VC83-08FOCQBAABA-I<br>VC83-08FOCQBAABANA<br>VC83-08SOCABAABA-I                                                                                                                                                                                          | VC83-08SOCQBAABA-I<br>VC83-08SOCQBAABANA<br>VC83-08SOCQBAABAIN                                                                                                                            | <a href="#">VC8300 Home Page</a>   |
| VC8300 10"    | VC83-10SSCNBAABANA<br>VC83-10SSCNBAABA-I                                                                                                                                                                                                                                      | VC83-10SSCNBAABATR                                                                                                                                                                        |                                    |
| L10A          | RTL10B1-xxxxxxxxxNA<br>(North America)<br>RTL10B1-xxAxxX0x00A6<br>(ROW)<br>Note: 'x' Stands for wild card for different configurations                                                                                                                                        | RTL10B1-xxAxxX0x00IN<br>(India)                                                                                                                                                           | <a href="#">L10A Home Page</a>     |
| TC52AX        | TC520L-1YFMU7P-NA                                                                                                                                                                                                                                                             | TC520L-1YFMU7P-A6                                                                                                                                                                         | <a href="#">TC52ax Home Page</a>   |

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                  |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
|           | TC520L-1YFMU7T-NA<br>TC520L-1YLMU7T-NA                                                                                                                                                                                                                                                                                                                                                                                                                                   | TC520L-1YFMU7T-A6<br>TC520L-1YLMU7T-A6                                                                                                                                                                                                                                                                                                                                                                                             |                                  |
| TC52AX HC | TC520L-1HCMH7T-NA<br>TC520L-1HCMH7P-NA<br>TC520L-1HCMH7P-FT                                                                                                                                                                                                                                                                                                                                                                                                              | TC520L-1HCMH7T-A6<br>TC520L-1HCMH7P-A6<br>TC520L-1HCMH7T-FT                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">TC52ax Home Page</a> |
| CC600     | CC600-5-3200LNNA<br>CC600-5-3200LNWW                                                                                                                                                                                                                                                                                                                                                                                                                                     | CC600-5-3200LNIN                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">CC600 Home Page</a>  |
| CC6000    | CC6000-10-3200LCWW<br>CC6000-10-3200PCWW<br>CC6000-10-3200LCNA<br>CC6000-10-3200NLCNA                                                                                                                                                                                                                                                                                                                                                                                    | CC6000-10-3200PCNA<br>CC6000-10-3200LNNA<br>CC6000-10-3200NLCWW                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">CC600 Home Page</a>  |
| TC21      | TC210K-01A222-A6<br>TC210K-01A242-A6<br>TC210K-01D221-A6<br>TC210K-01D241-A6<br>TC210K-01B212-A6<br>TC210K-01B232-A6<br>TC210K-01A422-A6<br>TC210K-01A442-A6<br>TC210K-0HD224-A6<br>TC210K-0HB224-A6<br>TC210K-0HB222-A6<br>TC210K-01A423-A6<br>TC210K-0JB224-A6<br>TC210K-01B422-NA<br>TC210K-01A222-NA<br>TC210K-01D221-NA<br>TC210K-01D241-NA<br>TC210K-0JD224-NA<br>TC210K-0JB224-NA<br>TC210K-01A242-NA<br>TC210K-01A442-NA<br>TC210K-01B212-NA<br>TC210K-01B232-NA | TC210K-01A423-NA<br>TC210K-0HD224-NA<br>TC210K-0HB224-NA<br>TC210K-0HB222-NA<br>TC210K-01A422-NA<br>TC210K-0HB224-IA<br>TC210K-01A222-IA<br>TC210K-01A242-IA<br>TC210K-01A442-IA<br>TC210K-01A422-IA<br>TC210K-01B212-IA<br>TC210K-01B232-IA<br>TC210K-01A423-IA<br>TC210K-01B232-TR<br>TC210K-01B212-TR<br>TC210K-01D221-TR<br>TC210K-01D241-TR<br>TC210K-0HD224-FT<br>TC210K-01B212-XP<br>TC210K-01A522-A6P<br>TC210K-01A522-NAP | <a href="#">TC21 Home Page</a>   |
| TC21 HC   | TC210K-0HD224-NA<br>KT-TC210K-0HD224-FT<br>TC210K-0HD224-A6<br>TC210K-0HB224-A6<br>TC210K-0JB224-A6<br>TC210K-0JD224-NA<br>TC210K-0JB224-NA<br>TC210K-0HB224-NA<br>TC210K-0HB222-NA<br>TC210K-0HB224-IA<br>TC210K-0HB222-NA<br>KT-TC210K-0HD224-PTTP1-NA<br>KT-TC210K-0HD224-PTTP2-NA<br>KT-TC210K-0HD224-PTTP1-FT                                                                                                                                                       | KT-TC210K-0HB224-PTTP1-A6<br>KT-TC210K-0HB224-PTTP2-A6<br>KT-TC210K-0HD224-WFC1-NA<br>KT-TC210K-0HD224-WFC2-NA<br>KT-TC210K-0HD224-WFC1-FT<br>KT-TC210K-0HD224-WFC2-FT<br>KT-TC210K-0HD224-WFC1-A6<br>KT-TC210K-0HD224-WFC2-A6                                                                                                                                                                                                     | <a href="#">TC21 Home Page</a>   |

|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|         | KT-TC210K-0HD224-PTTP2-FT<br>KT-TC210K-0HD224-PTTP1-A6<br>KT-TC210K-0HD224-PTTP2-A6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | KT-TC210K-0HB224-WFC1-A6<br>KT-TC210K-0HB224-WFC2-A6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |
| TC26    | TC26BK-11A222-A6<br>TC26BK-11A242-A6<br>TC26BK-11A422-A6<br>TC26BK-11A423-A6<br>TC26BK-11A442-A6<br>TC26BK-11B212-A6<br>TC26BK-11B232-A6<br>TC26BK-11B412-A6<br>TC26BK-11D221-A6<br>TC26BK-11D241-A6<br>TC26BK-11D421-A6<br>TC26BK-21D221-A6<br>TC26BK-21A222-A6<br>TC26BK-1HB224-A6<br>TC26BK-1HD224-A6<br>TC26BK-1JB224-A6<br>TC26BK-21A442-A6<br>TC26AK-11A222-NA<br>TC26AK-11A242-NA<br>TC26AK-11A422-NA<br>TC26AK-11A423-NA<br>TC26AK-11B212-NA<br>TC26AK-11B232-NA<br>TC26AK-11D221-NA<br>TC26AK-11D241-NA<br>TC26AK-1HB222-NA<br>TC26AK-1HB224-NA<br>TC26AK-1HD224-NA<br>TC26AK-1JD224-NA<br>TC26AK-21A222-NA<br>TC26AK-1JB224-NA | TC26AK-11A442-NA<br>TC26BK-11A222-IA<br>TC26BK-11A242-IA<br>TC26BK-11A442-IA<br>TC26BK-11B212-IA<br>TC26BK-11B232-IA<br>TC26BK-21A222-IA<br>TC26BK-1HB224-IA<br>TC26BK-11D221-IA<br>TC26BK-11A222-BR<br>TC26BK-11A242-BR<br>TC26BK-11A422-BR<br>TC26BK-11A423-BR<br>TC26BK-11A442-BR<br>TC26BK-11B212-BR<br>TC26BK-11B232-BR<br>TC26BK-11D221-BR<br>TC26BK-11D241-BR<br>TC26BK-1HB224-BR<br>TC26DK-11B212-TR<br>TC26DK-11B232-TR<br>TC26BK-11B212-TR<br>TC26BK-11B232-TR<br>TC26BK-11B212-ID<br>TC26BK-11A222-ID<br>TC26BK-11B212-XP<br>TC26AK-1HD224-FT<br>TC26AK-11A522-NAP<br>TC26BK-11A522-A6P<br>TC26EK-21A522-NAP | <a href="#">TC26 Home Page</a> |
| TC26 HC | TC26BK-1HD224-A6<br>TC26BK-1HB224-A6<br>TC26BK-1HB224-BR<br>TC26AK-1HD222-NA<br>TC26BK-1HB224-IA<br>TC26AK-1JB224-NA<br>TC26BK-1JB224-A6<br>TC26AK-1HD224-NA<br>TC26AK-1HB224-NA<br>KT-TC26AK-1HD224-FT<br>TC26AK-1HB222-NA<br>TC26AK-1JD224-NA<br>KT-TC26BK-1HD224-PTTP1-A6<br>KT-TC26BK-1HD224-PTTP2-A6                                                                                                                                                                                                                                                                                                                                | KT-TC26AK-1HD224-PTTP2-NA<br>KT-TC26AK-1HD224-PTTP1-FT<br>KT-TC26AK-1HD224-PTTP2-FT<br>KT-TC26AK-1HD224-WFC1-NA<br>KT-TC26AK-1HD224-WFC2-NA<br>KT-TC26AK-1HD224-WFC1-FT<br>KT-TC26AK-1HD224-WFC2-FT<br>KT-TC26BK-1HD224-WFC1-A6                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">TC26 Home Page</a> |

|                      |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                       |                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
|                      | KT-TC26BK-1HB224-PTTP1-A6<br>KT-TC26BK-1HB224-PTTP2-A6<br>KT-TC26AK-1HD224-PTTP1-NA                                                                                                                                                                                                                                                           | KT-TC26BK-1HD224-WFC2-A6<br>KT-TC26BK-1HB224-WFC1-A6<br>KT-TC26BK-1HB224-WFC2-A6                                                                                                                                                                                                                                      |                                   |
| TC52                 | TC520K-1PEZU4P-A6<br>TC520K-1PEZU4P-NA                                                                                                                                                                                                                                                                                                        | TC520K-1PEZU4P-IA<br>TC520K-1PEZU4P-FT                                                                                                                                                                                                                                                                                | <a href="#">TC52 Home Page</a>    |
| TC52 – AR1337 Camera | TC520K-1PFZU4P-A6                                                                                                                                                                                                                                                                                                                             | TC520K-1PFZU4P-NA                                                                                                                                                                                                                                                                                                     | <a href="#">TC52 Home Page</a>    |
| TC52 HC              | TC520K-1HEZU4P-NA<br>TC520K-1HEZU4P-EA<br>TC520K-1HEZU4P-A6<br>TC520K-1HEZU4P-FT<br>TC520K-1HEZU4P-IA<br>KT-TC520K-1HCMH6P-PTT1-NA<br>KT-TC520K-1HCMH6P-PTT2-NA<br>KT-TC520K-1HCMH6P-PTT1-FT<br>KT-TC520K-1HCMH6P-PTT2-FT<br>KT-TC520K-1HCMH6P-PTT1-A6<br>KT-TC520K-1HCMH6P-PTT2-A6<br>KT-TC520K-1HEZU4P-PTT1-NA<br>KT-TC520K-1HEZU4P-PTT2-NA | KT-TC520K-1HEZU4P-PTT1-FT<br>KT-TC520K-1HEZU4P-PTT2-FT<br>KT-TC520K-1HEZU4P-PTT1-A6<br>KT-TC520K-1HEZU4P-PTT2-A6<br>KT-TC520K-1HEZU4P-WFC1-NA<br>KT-TC520K-1HEZU4P-WFC2-NA<br>KT-TC520K-1HEZU4P-WFC1-FT<br>KT-TC520K-1HEZU4P-WFC2-FT<br>KT-TC520K-1HEZU4P-WFC1-A6<br>KT-TC520K-1HEZU4P-WFC2-A6<br>KT-TC52-1HEZWFC1-NA | <a href="#">TC52 HC Home Page</a> |
| TC52x                | TC520K-1XFMU6P-NA<br>TC520K-1XFMU6P-A6<br>TC520K-1XFMU6P-TK                                                                                                                                                                                                                                                                                   | TC520K-1XFMU6P-FT<br>TC520K-1XFMU6P-IA                                                                                                                                                                                                                                                                                | <a href="#">TC52x Home Page</a>   |
| TC52x HC             | TC520K-1HCMH6P-NA<br>TC520K-1HCMH6P-FT<br>TC520K-1HCMH6P-A6<br>TC520K-1HCMH6P-PTTP1-NA<br>TC520K-1HCMH6P-PTTP2-NA<br>TC520K-1HCMH6P-PTTP1-FT<br>TC520K-1HCMH6P-PTTP2-FT<br>TC520K-1HCMH6P-PTTP1-A6                                                                                                                                            | TC520K-1HCMH6P-PTTP2-A6<br>TC520K-1HCMH6P-WFC1-NA<br>TC520K-1HCMH6P-WFC2-NA<br>TC520K-1HCMH6P-WFC1-FT<br>TC520K-1HCMH6P-WFC2-FT<br>TC520K-1HCMH6P-WFC1-A6<br>TC520K-1HCMH6P-WFC2-A6<br>KT-TC52X-1HCMWFC1-NA                                                                                                           | <a href="#">TC52x Home Page</a>   |

|                            |                                                                                                                                                               |                                                                                                                            |                                  |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| TC57                       | TC57HO-1PEZU4P-A6<br>TC57HO-1PEZU4P-IA<br>TC57HO-1PEZU4P-NA<br>TC57HO-1PEZU4P-XP                                                                              | TC57HO-1PEZU4P-BR<br>TC57HO-1PEZU4P-ID<br>TC57HO-1PEZU4P-FT                                                                | <a href="#">TC57 Home Page</a>   |
| TC57 –<br>AR1337<br>Camera | TC57HO-1PFZU4P-A6                                                                                                                                             | TC57HO-1PFZU4P-NA                                                                                                          | <a href="#">TC57 Home Page</a>   |
| TC57x                      | TC57HO-1XFMU6P-A6<br>TC57HO-1XFMU6P-BR<br>TC57HO-1XFMU6P-IA<br>TC57HO-1XFMU6P-FT                                                                              | TC57HO-1XFMU6P-ID<br>TC57JO-1XFMU6P-TK<br>TC57HO-1XFMU6P-NA                                                                | <a href="#">TC57X Home Page</a>  |
| TC72                       | TC720L-0ME24B0-A6<br>TC720L-0ME24B0-NA<br>TC720L-0ME24B0-BR<br>TC720L-0ME24B0-IA                                                                              | TC720L-0ME24B0-TN<br>TC720L-0ME24B0-FT<br>TC720L-0MJ24B0-A6<br>TC720L-0MJ24B0-NA                                           | <a href="#">TC72 Home Page</a>   |
| TC72 –<br>AR1337<br>Camera | TC720L-0MK24B0-A6<br>TC720L-0MK24B0-NA                                                                                                                        | TC720L-0ML24B0-A6<br>TC720L-0ML24B0-NA                                                                                     | <a href="#">TC72 Home Page</a>   |
| TC77                       | TC77HL-5ME24BG-A6<br>TC77HL-5ME24BD-IA<br>TC77HL-5ME24BG-FT<br>(FIPS_SKU)<br>TC77HL-7MJ24BG-A6<br>TC77HL-5ME24BD-ID<br>TC77HL-5ME24BG-EA<br>TC77HL-5ME24BG-NA | TC77HL-5MG24BG-EA<br>TC77HL-6ME34BG-A6<br>TC77HL-5ME24BD-BR<br>TC77HL-5MJ24BG-A6<br>TC77HL-5MJ24BG-NA<br>TC77HL-7MJ24BG-NA | <a href="#">TC77 Home Page</a>   |
| TC77 –<br>AR1337<br>Camera | TC77HL-5MK24BG-A6<br>TC77HL-5MK24BG-NA                                                                                                                        | TC77HL-5ML24BG-A6<br>TC77HL-5ML24BG-NA                                                                                     | <a href="#">TC77 Home Page</a>   |
| WT6300                     | WT63B0-TS0QNERW<br>WT63B0-TS0QNENA<br>WT63B0-TS0QNE01<br>WT63B0-TX0QNERW<br>WT63B0-TX0QNENA<br>WT63B0-TS0QNETR                                                | WT63B0-KS0QNERW<br>WT63B0-KS0QNENA<br>WT63B0-KX0QNERW<br>WT63B0-KX0QNENA                                                   | <a href="#">WT6300 Home Page</a> |

## Component Versions

| Component / Description | Version       |
|-------------------------|---------------|
| Linux Kernel            | 4.19.157-perf |
| GMS                     | 13_202406     |
| AnalyticsMgr            | 10.0.0.1008   |

|                                                                     |                                                                                                       |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Android SDK Level                                                   | 33                                                                                                    |
| Audio (Microphone and Speaker)                                      | 0.9.0.0                                                                                               |
| Battery Manager                                                     | 1.4.5                                                                                                 |
| Bluetooth Pairing Utility                                           | 6.3                                                                                                   |
| Camera                                                              | 2.0.002(247-00)                                                                                       |
| DataWedge                                                           | 14.3.2                                                                                                |
| EMDK                                                                | 13.0.30.4730                                                                                          |
| ZSL                                                                 | 6.1.4                                                                                                 |
| Files                                                               | version 13                                                                                            |
| MXMF                                                                | 14.1.0.7                                                                                              |
| NFC (PS20 Not applicable and other product gms and ngms applicable) | NFC_NCIHALx_AR18C0.d.2.0<br>NFC_NCIHALx_AR18C0.d.2.0 and 12.50.9 (for selected TC21 and TC26 devices) |
| OEM info                                                            | 9.0.1.134                                                                                             |
| OSX                                                                 | SDM660.130.13.29.29                                                                                   |
| RXlogger                                                            | 13.0.12.82                                                                                            |
| Scanning Framework                                                  | 42.37.34.6                                                                                            |
| StageNow                                                            | 13.4.0.0                                                                                              |
| Zebra device manager                                                | 14.1.0.7                                                                                              |
| Zebra Bluetooth                                                     | 13.8.3                                                                                                |
| Zebra Volume Control                                                | 3.0.0.111                                                                                             |
| Zebra Data Service                                                  | 10.0.8.1001                                                                                           |
| WLAN                                                                | FUSION_QA_2_1.2.0.018_T                                                                               |
| Showcase App                                                        | 1.0.55                                                                                                |

## Revision History

| Rev | Description | Date |
|-----|-------------|------|
|-----|-------------|------|

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|-----|-----------------|---------------|
| 1.0 | Initial release | June 24, 2025 |
|-----|-----------------|---------------|