



Release Notes – Zebra Android 13

13-42-03.00-TN-U00-STD-GSE-04 Release (NON-GMS)

Highlights

This Android 13 NON-GMS release 13-42-03.00-TN-U00-STD-GSE-04 covers ET4X series product. Please see device compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
GO_FULL_UPDATE_13-42-03.00-TN-U00-STD-GSE-04.zip	Full Update Package
GO_DELTA_UPDATE_13-39-21.00-TN-U00-STD_TO_13-42-03.00-TN-U00-STD.zip	Delta package from previous release 13-39-21.00-TN-U00-STD-GSE-04 (ET45x only)
GO_DELTA_UPDATE_13-39-12.00-TN-U00-STD_TO_13-42-03.00-TN-U00-STD.zip	Delta package from previous release 13-39-12.00-TN-U00-STD-GSE-04 (ET40x only)

Security Updates

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

Lifeguard Update 13-42-03.00-TN-U00-STD-GSE-04

This LG patch is applicable for 13-39-21.00-TN-U00-STD-GSE-04 version.

○ New Features

- Added support to display ZVC UI in French(Canada).
- Added support for MDM to handle mute and vibrate usage enable & disable separately.
- **MX 14.2** Access Manager adds to:
 - [Access Permissions](#) the ability to use Android "exact alarm" APIs and to read (and optionally write) Android systems settings.
- **MX 14.2** Wireless Manager adds the ability to:
 - Select "[pass-through antenna](#)" settings on the device when used with external antenna(s).
- **MX 14.2** Audio Volume UI Manager adds the ability to:

- [Enable/Disable Mute state](#) control by the device user.
- [Enable/Disable Vibrate state](#) control by the device user.
- **MX 14.0** Bluetooth Manager adds the ability to:
 - [Set individual Bluetooth Profiles](#) as active or inactive.

○ **Resolved Issues**

- SPR-56634 : Resolved an issue where notification bar could be pulled down after long pressing the power button despite disabling Notification pulldown from MX.
- SPR-54927 : UI Mgr External KB Layout not taking affect.
- SPR-55959 : Add support of smart leash feature for new Device Guardian application.
- SPR-56634 : Resolved an issue where notification bar could be pulled down after long pressing the power button despite disabling Notification pulldown from MX.
- SPR-55769: Resolved an issue for display size settings via **StageNow** to match the UI screen settings.
- SPR-54927: Resolved an issue wherein some of the external keyboard layout were not getting set same as locale settings.
- SPR-56195 - Resolved AppMgr was not able to install xapks.
- SPR-56104 Resolved CertMgrMgr was throwing error on installing .crt certificates.
- SPR-56084 - Resolved StageNow default log path is different from A13.

○ **Usage Notes**

- To update from A13 to A14 release, user must follow the below step:
 - Device must have A13 March 2025 LG BSP Image or a greater A13 BSP version installed which is available on Zebra.com Portal.

LifeGuard Update 13-39-21.00-TN-U00-STD-GSE-04

This LG patch is applicable for 13-36-23.00-TN-U00-STD-GSE-04 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>
- MX 14.1
 - Access Manager adds the ability to:
 - Control device-user access to the Zebra RxLogger diagnostics utilit on the device.
 - Skip Set up wizard no longer supported in first boot and setup wizard needs to be configured manually.
- MX 14.0
 - Access Manager adds the ability to:
 - Individually control device-user access to Accessibility and Network settings in the Android Settings panel.
 - App Manager adds the ability to:
 - Use the App Feature parameter to automatically launch an app or reboot the Device after installation.
 - 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(MP4) in the Screen Saver Path for display 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.
- WWAN
Wireless Analyzer (Cellular):
 - Battery Info on the UI is not updating properly and Intermittent duplicate events OOS, Data disconnection being posted only during radio power off.
 - Synchronization issue between Analyzer and cloud causing Initial events device info, subscription info not being posted to cloud if the Analyzer is kept opened while performing ZDNA registration.
 - Intermittent duplicate events OOS and Data disconnection being posted only during radio power off.

○ Resolved Issues

- SPR-54951 : Resolved an issue where camera preview shows blank screen in ScandIt application.
- SPR-55016 : Resolved an issue to remap a key with flashlight application.

- SPR-54171 : Resolved to fix touch screen issue with rain drops.
- SPR-55622 : Resolved to fix Low sound from speaker reported by UP police in Kumbh Project.
- Resolved ViewGroup dimension calculation issue for consistent layout rendering.
- Resolved to fix Scan beep distortion seen in Mirror mode over (HDMI/USBHS) when beep channel is Alarm/Ringtone/Notification.
- SPR-54231: Updated log information reported in RxLogger.
- SPR-55047: Resolved an Issue to support A11 to A13 persistence.
- SPR-55297: Resolved an issue to handle special characters in user input data.
- SPR-54688: Resolved an issue wherein the locked orientation setting doesn't work properly after the screen is locked or unlocked.
- SPR-54624 Resolved an issue where aimer is not shown under Free-Form image capture has been enabled.
- SPR-54357 Fixed Interment Scanner Issue.
- Included SE55 firmware version PAAFNS00-002-R01, which has the support for new LED part and improved ranging algorithm.

○ Usage Notes

- To update from A13 to A14 release, user must follow the below step:

Device must have A13 December 2024 LG BSP Image or a greater A13 BSP version installed which is available on Zebra.com Portal

LifeGuard Update 13-36-23.00-TN-U00-STD-GSE-04

This LG patch is applicable for 13-33-14.00-TN-U00-STD-GSE-04 version.

○ New Features

- Add Support for BLE Scan Filter APIs to framework of BT Stack.
- Application package based RSSI Filter support for BLE Scan.
- Added the support for the MDM to control audio input through the microphone on the device/ connected with the device for KC50(Henley) only
- Added a new feature to read EMMC flash data via EMMC app and adb shell
- Added the support for the MDM to control audio input through the microphone on the device/ connected with the device for KC50(Henley) only
- Added support to diamond key if input type is number, it will not print any symbols
- Added Launch application option to double trigger
- Support Finland-Erillisverkot operator.
- Add Advantix Carrier Requirement.
- Enable VoWiFi for Belgian carriers.
- Waking up the device by touching the screen. Configurable by EMM.

- Support Shelf Mode in device, which reduces power consumption for storage or extended periods of inactivity.

- **Resolved Issues**

- SPR-54309: Added support to diamond key if input type is number, it will not print any symbols.
- SPR-54316: Device not connecting in WPA3 SAE H2E config after LG upgrade
- SPR-53434: WSC TC53 Display Resolution gets reset when docked.
- SPR-53368: Resolved an issue where eSIM functionality was not working in GMS restricted mode.

- **Usage Notes**

- To update from A13 to A14 release, user must follow the below step:

Device must have A13 September 2024 LG BSP Image or a greater A13 BSP version installed which is available on Zebra.com Portal

LifeGuard Update 13-33-14.00-TN-U00-STD-GSE-04

This LG patch is applicable for 13-30-18.00-TN-U00-STD-GSE-04 version.

- **New Features**

- None

- **Resolved Issues**

- Added support for Channel 12/13 on Wi-Fi 2.4Ghz band for Row SKU.
- SPR-53899: [A13] [6375] System restricted with Reduced Accessibility still allows users to access and edit all application permissions, using Privacy Indicators.
- SPR-53616: Resolved an issue in which vibrate icon not showing in status bar.
- SPR-53174/SPR-53177 Resolved an issue in which scan beam does not come on for trigger presses.
- SPR-53518 Added the support for MDM to control the Audio accessory current volume level.
- SPR-54044: Display Resolution gets reset when docked with HP E24t G5 touch monitor.
- SPR-51608 Added a fix in the camera module of the Kernel to resolve scan beam getting stuck issue even after releasing the trigger.
- SPR-52879: Resolved an issue wherein Settings to handle a null pointer which was preventing the customer from setting up a pin during a specific configuration of Intune Enrollment.
- SPR-53784: Resolved an issue wherein upon scanning at faster pace OR when scanned immediately after a keyboard switch from numeric to alpha mode in Japanese IME in chrome browser resulted in tab switch instead of displaying the barcode data

○ Usage Notes

- To update from A13 to A14 release, user must follow the below step:
 - Device must have A13 September 2024 LG BSP Image or a greater A13 BSP version installed which is available on Zebra.com Portal.

LifeGuard Update 13-30-18.00-TN-U00-STD-GSE-04

This LG patch is applicable for 13-28-24.00-TN-U00-STD-GSE-04 version.

○ New Features

- New oeminfo API added to retrieve SIM/eSIM Information & APN information.
- Added Support for 802.1x cabled connections.
- 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.
- Added PowerKeyMgr AutoScreenLockState support.
- New Configurable Focus Parameters offered for devices with SE55 Scan Engine.
- Added illumination icon in the viewfinder for all workflows.
- 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.
- Added support for postal codes (via camera or imager) in
 1. Free-Form Image Capture (workflow Input) – Barcode Highlighting/Reporting
 2. Barcode highlighting (Barcode Input).
- Postal Codes: US Postnet, US Planet, UK Postal, Japanese Postal, Australia Post, US4state FICS, US4state, Mailmark, Canadian postal, Dutch Postal, Finnish Postal 4S.

○ Resolved Issues

- SPR-53225 Network Connection Manager is not prioritizing Wifi profiles correctly.
- SPR-53286 Resolved an issue wherein remapping a key for the grey table fails.
- SPR-53153 Resolved an issue wherein Getting the state of the active modifier list was always NULL.

- SPR-52455 Resolved an issue where Bluetooth HID devices were getting disabled when USB module usage is disabled.
- SPR-51755 Resolved an issue where Notification setting was still accessible when App Notification control was disabled.
- SPR-53473 Resolved an issue where Home button stopped functioning when ELS/Identity Guardian app is uninstalled.
- SPR-52327/SPR-51855 Resolved TC53 device reboot issue when docked/undocked from workstation cradle.
- SPR-53174/SPR-53177 Resolved an issue in which scan beam does not come on for trigger presses.

○ Usage Notes

- Workstation Connect is now supported on this release, for details on compatibility please check [Workstation Connect](#).

LifeGuard Update 13-28-24.00-TN-U00-STD-GSE-04

This LG patch is applicable for 13-27-21.00-TN-U00-STD-GSE-04 version.

New Features

- None

Resolved Issues

- SPR-52928 Ensures Proximity Sensor operates without user data being transferred.

Usage Notes

- MANDATORY: This patch must be applied to devices to maintain EU Compliance. Future releases will include this update.
- Affected model: ET45CA.

Known Constraints

- None

LifeGuard Update 13-27-21.00-TN-U00-STD-GSE-04

This LG patch is applicable for 13-23-30.00-TN-U00-STD-GSE-04 version.

New Features

- **Scanner Framework**
 - Added support to Zebra POS Scanner/Scale.
 - Added support for COPE mode.
- **Zebra Data Services**
 - Added feature to measure battery consumption per application.
- **MX 13.2**
 - Feature vibrate icon enable/disable allows the device admin to control the state and status of the vibrate icon on status bar of the device. Usage details: <https://techdocs.zebra.com/mx/audiovoluumgr/>.
 - Added a new MX feature which allows to show/hide the taskbar shortcuts which appear on the bottom of the screen in large screen UI.
 - Added new MX feature to enable/disable write access to Android/data and Android/obb folders of the device, when connected via MTP (Media Transfer Protocol).
- **UI Manager**
 - Added a feature to control Large-screen Taskbar usage, which displays recent and pinned apps, plus a link to the app library.
 - Added a feature to 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.
 - Disabled MHS and setting for VZW Carrier.
- **DataWedge**
 - Added support for Digital Link parsing for GS1 barcodes in DataWedge
- **ZVA**
 - Smart leash feature support for device tracker application.
 - Added support device discovery, connection state.
- **Wireless Analyzer**
 - Improved analysis reports and error handling for Roaming and Voice Features, support for WPA3, 6E and MultiBSSID bug fix.

Resolved Issues

- SPR-51099 Fixed an issue where user is unable to scan in the Google Setup Wizard screen.
- SPR-51746 Fixed an issue where DataWedge is getting disabled when an EMDK scanning application is launched soon after a reboot.
- SPR-52011 Resolved an issue wherein a delay in processing EMDK profiles were observed.

- SPR-51954 Resolved an issue wherein location or other configuration were not working without cope mode enabled in device.
- SPR-51686 Resolved an issue wherein FileMgr was reporting download completed before the file downloaded successfully.
- SPR-51491 Resolved an issue wherein MX Display configuration caused screen to dim but not time out.
- SPR-51888 Resolved an issue wherein "Shift" + "Force State OFF" mapping was not working.
- SPR-52138 Resolved an issue wherein DM session authentication failure observed with Verizon carrier.
- SPR-50739 Resolved issue wherein hardware picklist is not working in NG Simulscan Multibarcodes mode.
- SPR-51297 Corrected device transport type for BLE connections.
- SPR-51976 Resolved an issue with Autorotate Disabled for ET4X.

Usage Notes

- None

Known Constraints

- None

LifeGuard Update 13-23-30.00-TN-U00-STD-GSE-04

This LG patch is applicable for 13-23-30.00-TN-U00-STD-GSE-04version.

Updated below mentioned components:
WebView 119.0.6045.163

○ New Features

- none.

○ Resolved Issues

- none.

○ Usage Notes

- none.

LifeGuard Update 13-23-17.00-TN-U00-STD-GSE-04

This LG patch is applicable for 13-23-17.00-TN-U00-STD-GSE-04version.

Updated below mentioned components:

OSx version	QCT6375.130.13.8.14
Bluetooth Pairing Utility	Application Version: 6.3.0 Build version: 5.3
Data Wedge	13.0.121
EMDK	13.0.7.4307
MXMF	13.1.0.65
Scanning Framework	39.67.3.0
License Manager	6.0.29
License Agent Version	6.0.62.5.0.3
WLAN Version	FUSION_SA_5_1.2.0.001_T

○ New Features

- UI Manager adds the ability to Show/hide Immersive Mode pop-up warning.
- Pop-up suppression and USB controlling Application.
- 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.

○ Resolved Issues

- 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.
- SPR51101 -- Resolved an issue wherein few chars were getting missed in decoded barcode data while performing scanning in HID mode.
- SPR51467 - Resolved an issue wherein VoLTE config for a certain carrier was not connecting to 5G.
- SPR48241 - Resolved an issue wherein System UI was crashing with MobileIron's DPC launcher on long pressing of back button from keyboard.
- SPR50986 - Resolved an intermittent issue wherein Datawedge profile with UPCA settings was not getting created programmatically.
- SPR-51480 - Resolved an issue wherein Shift key functionality with ForceStateOFF was not working.

○ Usage Notes

- None

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	13-42-03.00-TN-U00-STD-GSE-04
Android Version	13
Security Patch level	June 01, 2025
Component Versions	Please see Component Versions under Addendum section

Device Support

The products supported in this release are ET45S and ET45L series product. Please see device compatibility details under Addendum Section.

New Features

- 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 ZConfigure folder.

Resolved Issues

- SPR48680 Resolved an issue with Video conference over WEB RTC (Real Time Communication)
- SPR48197 Resolved an issue with Device freeze and reboot after a specific SIM is inserted.
- SPR50196 Resolved an issue with Display randomly blinks off on when in workstation cradle.
- SPR50306 Resolved an issue with intermittently fail to emit scan beam.
- SPR50527 Resolved an issue with reboot with specific carrier.
- SPR51037 Resolved an issue with Scan beam issue.
- SPR50307 Resolved an issue with unexpected reboots.
- SPR50571 Resolved an issue with Manual Screen Rotation Doesn't Rotate the Screen.
- SPR50667 Resolved an issue with Bluetooth disconnections with payment pin terminal.

- SPR50862 Resolved an issue with wrong APN proxy & mms setting for Swisscom fix porting.
- SPR47670 Resolved an issue with Application crashing.
- SPR47886 Resolved an issue with Synaptic FW
- SPR48803 Resolved an issue with MX UI Setting Lock Override Button throws exception Feature is not supported.
- SPR50166 Resolved an issue with Verizon network connection .
- SPR48504 Resolved an issue with access internal site by URL.
- SPR47061 Resolved an issue with MX APK Upgrade.
- SPR47856 Resolved an issue with WLAN disconnection .
- SPR47926 Resolved an issue with Available SSID's are not always showing up / connecting.
- SPR50640 Resolved an issue with DUT not able to ping Hostname if changed MX 11.6
- SPR51205 Resolved an issue with DUT seems to have same BT SCO 4kHz .
- SPR47128 Resolved an issue with App installed manually to device failed to uninstall via Stagenow/ EMDK
- SPR47285 Resolved an issue with TN28 enter to Rescue Party mode after called the reboot from MX under DO mode of China Unicom MDM.
- SPR47767 Resolved an issue with ET45 incorrect screen size information shown.
- SPR47903 Resolved an issue with ET40 location services crashing.
- SPR47925 Resolved an issue with ET45 display reverting to landscape mode when docked.
- SPR48182 Resolved an issue with SOTI script reset password is setting screen lock to Password instead of PIN.
- SPR48705 Resolved an issue with ET45 rotating when in cradle.
- SPR51024 Resolved an issue with ET4x Lock Override button is not working.
- SPR50755 Resolved an issue with decommission battery error.
- SPR47768 Resolved an issue with WLAN reconnection issue.
- SPR51024 Resolved an issue with ET4x Lock Override button is not working.

Usage Notes

- None

Known Constraints

- DHCP Option 119 & Auto PAC Proxy feature is currently not supported in this release. Zebra is working on enabling these 2 features in future Android 13 releases.
- Ethernet configuration static to DHCP is not supported via Mx in this release.
- To apply Delta OTA packages, use StageNow/MDM solution. Delta OTA packages are not supported in Recovery mode.
- Data will not be Persisted if we upgrade to this A13 image from A11 image with greater SPL Version .
- Upgrading to this A13 OS version from A11 will not work on 1mbps network until this issue is fixed in A11 image .
- In mirror mode if device and external display resolution are different , UI flicker will be observed when Undock/ dock the device.
- OTA update from AB - /storage/usb0tg/ will take more than 2 minutes to initiate.
- In landscape mode when display and font is set to maximum, Lock icon will not be visible .
- Wireless insights and wireless analyzer are not supported in this release. will be supported in a later SW Update
- Workstation Connect is not supported on this release, compatibility with this solution will be introduced on an upcoming release.

- Zebra apps do not support Android Work Profiles or any COPE Mode features. Zebra is working on enabling these features in future Android 13 releases.

Important Links

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

Device Compatibility

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

Device Family	Part Number		Device Specific Manuals and Guides
ET40S	ET40AA-001C1B0-NA ET40AA-001C1B0-FT ET40AA-001C1B0-A6 ET40AA-001C1B0-IN ET40AA-001C1B0-TR ET40AA-001C1B0-XP ET40AA-001C1BM-NA	ET40AA-001C2B0-A6 ET40AA-001C2B0-TR ET40AA-001C2B0-NA ET40AA-001C2BM-NA ET40AA-001C2BM-A6	ET40 Home Page
ET40L	ET40AB-001C1B0-NA ET40AB-001C1B0-FT ET40AB-001C1B0-A6 ET40AB-001C1B0-IN ET40AB-001C1B0-TR ET40AB-0H1C1B0-A6 ET40AB-0H1C1B0-FT ET40AB-0H1C1B0-IN ET40AB-0H1C1B0-NA ET40AB-0H1C1B0-TR ET40AB-001C1BM-NA ET40AB-0H1C1BM-NA	ET40AB-001C1BM-IN ET40AB-001C1BM-A6 ET40AB-001C2B0-A6 ET40AB-001C2B0-TR ET40AB-0H1C2B0-A6 ET40AB-0H1C2B0-NA ET40AB-0H1C2BM-NA ET40AB-001C2B0-NA ET40AB-001C2BM-NA ET40AB-001C2BM-A6	
ET45S	ET45CA-102D1B0-CN		ET45 Home Page
ET45L	ET45CB-102D1B0-CN	ET45CB-1H2C1B0-CN	

Component Versions

Component / Description	Version
Acoustic Profiles	General:ET45-T-1.1 Cellular: NA
Audio	0.12.0.0
AnalyticsMgr	10.0.0.1008
Android SDK Level	33
Base Band Version	MPSS.HI.4.3.4-00610-MANNAR_GEN_PACK-1
Battery Manager	1.4.7
Bluetooth Pairing Utility	6.3
DataWedge	14.3.2
EMDK	13.0.30.4730
Files	version 13
GMS	13_202304
License Manager	6.1.4
MXMF	14.2.0.10
NFC	PN7160_AR_11.02.00
OEM info	9.0.1.134
OSX	QCT6375.130.13.32.25
RXLogger	13.0.12.82
Scanning Framework	42.37.35.0
StageNow	Application version: 13.4.0.0
Touch Panel (FW)	Touch Version: 07-00-00-01-08-00-00-09 Mode: Finger only
Zebra Bluetooth	13.9.1
WebView	133.0.6943.39
GPSU	March-2024

Revision History

Rev	Description	Date
1.0	Initial release	September 19, 2024