

Release Notes – Zebra Android 14

14-09-18.00-UN-U180-STD-GSE-04 Release (NGMS)

Highlights

This Android 14 NGMS release 14-09-18.00-UN-U180-STD-GSE-04 covers ET4X series product. Please see, device compatibility under Addendum Section for more details.

This release requires a mandatory step OS Update method to upgrade to A14 BSP software from A13 and A11. Please refer for more details under “OS Update Installation Requirements and Instructions” section.

Software Packages

Package Name	Description
GO_FULL_UPDATE_14-09-18.00-UN-U180-STD-GSE-04.zip	Full Update Package
GO_DELTA_UPDATE_14-09-18.00-UN-U130-STD_TO_14-09-18.00-UN-U180-STD.zip	Delta package update from 14-09-18.00-UN-U130-STD TO 14-09-18.00-UN-U180-STD release

Security Updates

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

LifeGuard Update 14-09-18.00-UN-U180

- This LG patch is applicable for 14-09-18.00-UN-U130-STD-GSE-04 version.

○ New Features

- Scanning Framework:
 - Enabling Supported Params for Zebra USB Scanner (SNAPI)
 - change Snapi scanner index to accommodate MP7000 scanner.
 - Support RFD90 with SF
 - Enable DW Demo barcode decoding support on MC94-A14-SE56 EV1
 - Enabling AIM Symbology Identifier Barcode
 - Integrate R04 firmware for SE5500
 - Implement codabar security for Imager
 - Adding Security Enhancement for Core ZDCP Services Startup
 - Integrated hw picklist with latest IK-10.01T01.22.

- Add support for SR570 Scan Engine.
- Adding Image Capture Illumination mode change for Zebra USB Scanner(SNAPI)

- Battery:
 - Implement shelf mode Feature to cutdown VPH when device is stored for longer timespan to reduce the leakage voltage.
- OSX:
 - Added UIManager Quick tiles action support.

○ Resolved Issues

- SPR-46855.: Avoid buffer overrun issue by increasing HID_KEYBOARD events size.
- SPR-57286: Fixed an issue where device skipping blocklisted APs due to FAST_RECONNECT FAILURE.
- SPR-54951: Resolved an issue where ET40 camera is dark when it uses scandit.
- SPR-53808: Fix Unable to scan Enhanced Dot Data Matrix Labels consistently issue.
- SPR-57604: Resolved an issue where Enterprise Browser is not licensed after changing date from future to current.
- SPR-57199: Fix an issue where OTA update still shows error from SOTI MobiControl.
- SPR-57955: Resolved an issue where NFC cards are not readable from back on ET45 tablets.
- SPR-57733: Resolved an issue where Device Guardian is asking permission for A14 SDM6375 device install from play store.
- SPR-56399: ET45 A14 Stage Now RSM fails on A14 but works on A13.
- SPR-55645: Resolved an issue where Back button too large.
- SPR-56650: Fixed an issue where wifi disconnected by network connection manager unexpectedly.
- SPR-57331: Fix an issue where device is getting into rescue party mode.

○ Usage Notes

- None.

LifeGuard Update 14-09-18.00-UN-U130

- This LG patch is applicable for 14-09-18.00-UN-U115-STD-GSE-04 version.

○ New Features

- Scanning Framework:
 - Integrated CAAFNS00-002-R03D0.DAT firmware for SE5500

○ Resolved Issues

- SPR-55973: Added a fix to resolve ET45 not charging on slot cradle.
- SPR-56039: Resolved an issue where the default key code for P1 button should not be Settings
- SPR-55800: Implemented a check to verify if the target IP address belongs to the local subnet. If the IP address does not belong to the local subnet, the ARP request will not be sent.
- SPR-56024: Resolved an issue wherein the device sometimes loses date and time when the device is already set with a pin lock for the screen and the battery is removed before it is reinserted after a few minutes to boot up the device.
- SPR-55465: Resolved an issue where device having trouble enrolling into the SOTI MobiControl MDM via QR codes for Android Enterprise devices.

○ Usage Notes

- None

LifeGuard Update 14-09-18.00-UN-U115

- This LG patch is applicable for 14-09-18.00-UN-U105-STD-GSE-04 version.

➤ New Features

- None

➤ 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-54319: Fix Et45 charging continuation issues when battery is low.

➤ Usage Notes

- None

LifeGuard Update 14-09-18.00-UN-U105

- This LG patch is applicable for 14-09-18.00-UN-U91-STD-GSE-04 version.

○ New Features

- Scanning Framework
 - :
 - Added MP7000 support for A14
 - SF string Localization for Japanese.
 - FR5ss5S Scan Engine is added to A14.
 - Added USB scanner/cradle/MP7000 support to A14.

○ Resolved Issues

- None.

○ Usage Notes

- None

LifeGuard Update 14-09-18.00-UN-U91

- This LG patch is applicable for 14-09-18.00-UN-U68-STD-GSE-04 version.

New Features

- **[CPG] Custom Feature CSP:**
 - Implemented support for enabling and disabling custom features using GUIDs through StageNow configuration profiles.
 - Added functionality to process extra parameters when enabling features. Allows more granular configuration options, enabling additional settings to be applied during feature activation.

Resolved Issues

- SPR-54688: Add a fix to resolve locked orientation setting doesn't work properly.
- SPR-55031: Resolved an issue where dialer not appearing on SOTI Lockscreen.

- SPR-55730: Resolved an issue where mixer path configuration for deep-buffer-playback bt-sco-wb is using the SLIM BUS control instead of AUX_PCM_RX.

Usage Notes

- None

LifeGuard Update 14-09-18.00-UN-U68

- This LG patch is applicable for 14-09-18.00-UN-U45-STD-GSE-04 version.

New Features

- ZVC:
 1. Added support for MDM to launch ZVC using remapped key with intent broadcast.
 2. Added support to display ZVC UI in French (Canada).

Resolved Issues

- SPR-55622: Add a fix to resolve tx path VoIP in handsfree for all the bands and PTTPRO in handset and handsfree mode for all the bands.
- SPR-55368: Fixed issue where the DPR setting is different when changing the display size manually versus when changing over Stagenow.

Usage Notes

- None

LifeGuard Update 14-09-18.00-UN-U45

- This LG patch is applicable for 14-09-18.00-UN-U25-STD-GSE-04 version.

○ New Features

- TUT:
 1. Enable Network Selection for EHS Users. Device operator is able to view and select available network for connectivity while the device is locked down (EHS).
 2. Skip SUW barcode Google restriction-A14:
 - 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>

- **Resolved Issues**

- SPR-55016: Added support to remap a key with flashlight application.
- SPR-55073: Fixed issue where incorrect information was being recorded in Rx Logger Resource file.

- **Usage Notes**

- None

LifeGuard Update 14-09-18.00-UN-U25

- This LG patch is applicable for 14-09-18.00-UN-U15-STD-GSE-04 version.

- **New Features**

- Fusion:
 - Added Support for WLAN TLS 1.3
- TUT:
 - UI Manager adds the ability to Configure Color Inversion, System Navigation and Talk Back for accessibility usage.

- **Resolved Issues**

- SPR-54744: Resolved an issue where in the free fall detection is not functioning.
- SPR-55489 - Resolved an issue wherein ET40 unable to perform Scanning on DFS channel

- **Usage Notes**

- None

LifeGuard Update 14-09-18.00-UN-U15

- This LG patch is applicable for 14-09-18.00-UN-U00-STD-GSE-04 version.

- **New Features**

- Audio:

- The on/Off switch for the device microphone, which controls audio input through connected audio device.
- OSX:
 - Display Boring SSL version in Software Components.
- AudioVolumeManager:
 - Implement changes to block volume increase beyond threshold.

○ Resolved Issues

- SPR-54043: Resolved an issue where Scanner changes, Active Index should not be reset if clear submit failed.
- SPR-53808: Resolved an issue where in few devices were unable to scan enhanced dot data matrix labels consistently.
- SPR-54264: Resolved an issue where in snap on trigger not working when DS3678 is connected.
- SPR-54026: Resolved an issue where in EMDK Barcode parameters for 2D inverse.
- SPR -53586: Resolved an issue where in battery draining was observed on few devices with external keyboard.

○ Usage Notes

None

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	14-09-18.00-UN-U180-STD-GSE-04
Android Version	14
Security Patch level	September 01, 2025
Component Versions	Please see Component Versions under Addendum section

Device Support

The products supported in this release are ET40S, ET40L, ET45S and ET45L series product. Please see device compatibility details under Addendum Section.

New Features

- The Hotseat home screen "Phone" icon has been replaced by the "Files" icon (For Wi-Fi-only devices)
- Split-screen feature on ET40 and ET45 10" devices allow you to view two apps at the same time.
- Allows User to select a portion of available device storage to be used as system RAM. This feature can be turned ON/OFF from device admin only. Please refer to <https://techdocs.zebra.com/mx/powermgr/> for more details.
- Added support for DHCP Option 119. (DHCP option 119 would work only on managed devices over WLAN only and WLAN profile should be created by device owner).
 - Added support to control BLE scan based on application package.
 - Added support of RSSI filter for BLE scan based on application package.
 - Added support of 1x authentication in ethernet
 - Scanning
 - Added support for Regular Expression checking in Free-Form OCR and Picklist + OCR workflows.
 - Updated SE55 firmware with PAAFNS00-001-R09 version.
 - Updated version of Decoder library IMGKIT_9.02T01.27_06_02.
 - Enhanced Scanning performance with SE55/SE58 Scan Engines.
 - FS40 (SSI Mode) Scanner Support with DataWedge.
 - Expose the GS1 DataBar Security Level settings.
 - New Configurable Focus Parameters offered for devices with SE55 Scan Engine

Known Constraints

- Workstation Connect is not supported on this release, compatibility with this solution will be introduced on an upcoming release.

OS Update Installation Requirements and Instructions

- To update from **A13 to A14** release, user must follow the steps below.
 - Step-1: Device MUST have A13 September 2024 LG BSP Image or a greater A13 BSP version installed which is available on zebra.com portal.
 - Step-2: Upgrade to this release A14 BSP.
- To update from **A11 to A14** release, user must follow the steps below.
 - Step-1: Device MUST have A11 October 2024 LG BSP Image or a greater A11 BSP version installed which is available on zebra.com portal.
 - Step-2: Upgrade to this release A14 BSP.

Important Links

- [6375-A14-os-update-instructions](#) (if the link does not work, please copy it to browser and try)

- [Zebra Techdocs](#)
- [Developer Portal](#)

Addendum

Device Compatibility

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

Device Family	Part Number	Device Specific Manuals and Guides
ET40S	ET40AA-002C1B0-CN	ET40 Home Page
ET40L	ET40AB-002C1B0-CN ET40AB-0H2C1B0-CN	
ET45S	ET45CA-102D1B0-CN	ET45 Home Page
ET45L	ET45CB-102D1B0-CN ET45CB-102D2B0-CN	

Component Versions

Component / Description	Version
Linux Kernel	5.4.281
Android SDK Level	34
Scanning	43.43.14.2
Datawedge	15.0.40
MXMF/OSX	MXMF: 15.0.03
	OSX version: QCT6375.140.14.11.10
Touch FW	Version: 7.0.0.1.10.1.0.7
	Mode:finger only
RxLogger	14.0.14.42
Bluetooth Pairing Utility	Build Version: 6.3
Zebra Data Services	14.0.1.1153
AnalyticsMgr	10.0.0.1008
Files	10.0.0.1008

Stage Now	Application Version : 13.4.0.0 Build Version: 14.2.0.21
Battery Manager	1.5.4
WWAN (ET45)	HW MBN: SS_CDMALess-LA-Strait:0a000000 SW MBN: SIM 0: SW_Default:0ae000000 Autoselection:SIM:enebled
TS.25 (ET45)	3/20/2025
WLAN	Version: FUSION_SA_5_1.1.0.019_U Firmware Version: 18.35.387.23.1310.8
Wireless Analyzer	App version: 3.2.20 Build Version: WA_A_3_2.2.0.011_U
NFC	NFC_NCIHALx_AR001E.14.01.00
Ambient Light Sensor	stk_stk3a5x Ambient Light Sensor
Sensors (Accel, Gyro)	Gyroscope: lsm6dso Gyroscope Accelerometer: lsm6dso Accelerometer
Camera	2.6.11
GreenMode	1.23
ZebraDeviceManager(ZDM)	15.0.0.3
ZSL	6.1.7
Acoustics Profiles	General: ET40LHC-U-4.1 Cellular: N/A General: ET45L-U-3.2 Cellular: ET45L-U-3.1
Zebra BlueTooth	14.9.32
Audio	vendor:0.12.0.0 ZQSSI:0.17.0.0
Zebra Volume Controls	3.0.0.120
Baseband Version	MPSS.HI.4.3.4-00651-MANNAR_GEN_PACK-1
oem info	9.0.1.257
Common Transport Layer	14.0.0.1006
Webview / Chromium	140.0.7339.51

Revision History

Rev	Description	Date
1.0	Initial release	September 23, 2024