



Release Notes – Zebra Android 14

14-09-18.00-UG-U15-STD-GSE-04 Release (GMS)

Highlights

This Android 14 GMS release 14-09-18.00-UG-U15-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-UG-U15-STD-GSE-04.zip	Full Update Package
GO_DELTA_UPDATE_14-09-18.00-UG-U05-STD_TO_14-09-18.00-UG-U15-STD.zip	Delta package update from 14-09-18.00-UG-U05-STD TO 14-09-18.00-UG-U15-STD release

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of November 05, 2024.

LifeGuard Update 14-09-18.00-UG-U15

➤ This LG patch is applicable for 14-09-18.00-UG-U05-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

LifeGuard Update 14-09-18.00-UG-U05

- LifeGuard Update 14-09-18.00-UG-U05 contains security updates only
- This LG patch is applicable for 14-09-18.00-UG-U00-STD-GSE-04 version.

○ New Features

- None

○ Resolved Issues

- None

○ Usage Notes

- None

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	14-09-18.00-UG-U15-STD-GSE-04
Android Version	14
Security Patch level	November 05, 2024

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- The Hotseat home screen "Phone" icon has been replaced by the "Files" icon (For Wi-Fi-only devices)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-001C1B0-A6 ET40AA-001C1B0-FT ET40AA-001C1B0-IN ET40AA-001C1B0-TR ET40AA-001C1B0-NA	ET40AA-001C1B0-XP ET40AA-001C2B0-A6 ET40AA-001C2BM-A6 ET40AA-001C1BM-NA ET40AA-001C2B0-NA	ET40 Home Page
ET40L	ET40AB-001C1B0-A6 ET40AB-001C1B0-FT ET40AB-001C1B0-IN ET40AB-001C1B0-TR ET40AB-001C1BM-A6 ET40AB-001C1BM-IN ET40AB-001C2B0-A6 ET40AB-001C1B0-NA ET40AB-001C2BM-NA ET40AB-0H1C1BM-NA	ET40AB-001C2BM-A6 ET40AB-0H1C1B0-A6 ET40AB-0H1C1B0-FT ET40AB-0H1C1B0-IN ET40AB-0H1C1B0-TR ET40AB-0H1C2B0-A6 ET40AB-001C1BM-NA ET40AB-001C2B0-NA ET40AB-0H1C1B0-NA ET40AB-0H1C2B0-NA	
ET45S	ET45BA-101D1B0-FT ET45CA-101D1B0-A6 ET45CA-101D1B0-IN ET45CA-101D1B0-TR ET45BA-101D1B0-NA ET45BA-101D2B0-NA	ET45CA-101D1B0-XP ET45CA-101D2B0-A6 ET45CA-101D2B0-IN ET45BA-101D1BM-NA ET45BA-101D2BM-NA	ET45 Home Page

ET45L	ET45BB-101D1B0-FT ET45BB-101D2B0-FT ET45BB-101K2B0-FT ET45BB-1H1C1B0-FT ET45CB-101D1B0-A6 ET45CB-101D1B0-IN ET45CB-101D1B0-TR ET45BB-101D1B0-NA ET45BB-101D1BM-NA ET45BB-101D2B0-NA ET45BB-101D2BM-NA	ET45CB-101D1B0-XP ET45CB-101D2B0-A6 ET45CB-101D2B0-IN ET45CB-101D2B0-TR ET45CB-101K2B0-A6 ET45CB-1H1C1B0-A6 ET45BB-101K2B0-NA ET45BB-1H1C1B0-NA ET45BB-1H1C1BM-NA	
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Component Versions

Component / Description	Version
Linux Kernel	5.4.268
Android SDK Level	34
Scanning	43.13.1.0
Datawedge	15.0.10
MXMF/OSX	MXMF:13.4.0.29
	OSX version: SD6375.140.14.4.6
Touch FW	Version: 7.0.0.1.8.0.0.9
	Mode: finger only
RxLogger	14.0.12.15
Bluetooth Pairing Utility	Build Version: 6.2
Zebra Data Services	14.0.0.1017
AnalyticsMgr	10.0.0.1008
Files	Version 14
Stage Now	Application Version : 13.4.0.0
	Build Version:13.4.0.29
Battery Manager	1.5.3
WWAN (ET45)	HW MBN: SS_CDMALess-LA-Strait:0a000000 SW MBN: SIM 0: SW_Default: 0ae00005
TS.25 (ET45)	7/1/2024
WLAN	Version FUSION_SA_5_1.1.0.008_U
	Firmware version 18.35.387.23.1310.6
Wireless Analyzer	App version:3.2.18
	Build Version: WA_A_3_2.1.0.015_U

NFC	NFC_NCIHALx_AR0002.13.01.00
Ambient Light Sensor	stk_stk3a5x Ambient Light Sensor
Sensors (Accel, Gyro)	Gyroscope: lsm6dso Gyroscope
	Accelerometer: lsm6dso Accelerometer
Camera	2.5.5
GreenMode	1.18
ZebraDeviceManager(ZDM)	13.4.0.29
ZSL	6.1.4
Acoustics Profiles	General: ET40S-U-0.1 General: ET40LHC-U-4.1 General: ET45L-U-3.1 Cellular: N/A
GMS	14_202406
Zebra BlueTooth	14.4.6
Audio	vendor:0.12.0.0
	ZQSSI:0.6.0.0
Zebra Volume Controls	3.0.0.106
Baseband Version	MPSS.HI.4.3.4-00625-MANNAR_GEN_PACK-1
oem info	9.0.1.257
Common Transport Layer	3.0.0.1005

Revision History

Rev	Description	Date
1.0	Initial release	September 23, 2024