

Release Notes – Zebra Android 13

13-15-24.00-TG-U20-STD-HEL-04 Release (GMS)

Highlights

This Android 13 GMS release covers TC21 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.

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

Software Packages

Package Name	Description
HE_FULL_UPDATE_13-15-24.00-TG-U20-STD-HEL-04.zip	Full package update
HE_DELTA_UPDATE_13-15-24.00-TG-U00-STD_TO_13-15-24.00-TG-U20-STD.zip	Delta package from previous release 13-15-24.00-TG-U00-STD

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of March 01, 2023.

LifeGuard Update 13-15-24.00-TG-U20

- LifeGuard Update 13-15-24.00-TG-U20 contains security updates only.
- This LG Delta Update package is applicable for 13-15-24.00-TG-U00-STD-HEL-04 BSP version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	13-15-24.00-TG-U20-STD-HEL-04
Android Version	13
Security Patch level	March 01, 2023
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.
- Fusion parameters stored via persistMgr in A11 are not retained in A13.
- Staging via NFC is not supported.
- NotificationMgr features (<https://techdocs.zebra.com/mx/notificationmgr/>) are not supported.
- Workstation Connect Not supported in this Release .
- DHCP Option 119 feature supported will be enabled in later release.
- Google no longer allows OEMs to add PAC Auto Proxy support to Android 13.
- SPR 48817 Auto shutdown disabled in TestDPC Kiosk – Fix for this issue will be available in Next A13 Release .
- SPR 48481 Wi-Fi beacon miss issue between Device and WAP – Fix for this issue will be available in Next A13 Release .
- Scanner and keypad volume restrictions are not persisted after A13 upgrade. Fix for this issue will be available in Next A13 Release .

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
TC21	TC210K-01A222-A6 TC210K-01A242-A6 TC210K-01D221-A6 TC210K-01D241-A6 TC210K-01B212-A6 TC210K-01B232-A6 TC210K-01A422-A6 TC210K-01A442-A6 TC210K-01A423-A6 TC210K-01B422-NA TC210K-01A222-NA TC210K-01D221-NA TC210K-01D241-NA TC210K-01A422-NA	TC210K-01A242-NA TC210K-01A442-NA TC210K-01B212-NA TC210K-01B232-NA TC210K-01A423-NA TC210K-01A423-IA TC210K-01A222-IA TC210K-01A242-IA TC210K-01A442-IA TC210K-01B212-IA TC210K-01B232-IA TC210K-01A422-IA TC210K-01B212-XP TC210K-03A422-A6	TC21 Home Page

Component Versions

Component / Description	Version
Acoustics Profiles	General: -ST1.1
Linux Kernel	4.19.157-perf
AnalyticsMgr	10.0.0.1002
Android SDK Level	33
Audio (Microphone and Speaker)	0.7.1.0
Battery Manager	1.4.2
Bluetooth Pairing Utility	6.1.32
Camera	2.0.002(6-00)
DataWedge	13.0.20
EMDK	13.0.1.4301
Files	1.0.497075570
License Manager and License agent	6.0.29 and 6.0.62.5.0.3

MXMF	13.0.0.104
NFC	NFC_NCIHALx_AR18C0.d.2.0
OEM info	9.0.0.935
OSX	SDM660.130.13.4.6
RXlogger	13.0.11.15
Scanning Framework	38.7.11.0
StageNow	11.0.2.114
Zebra device manager	13.0.0.104
Touch Panel (FW)	(TC21):Version 6
WLAN	FUSION_QA_2_1.0.0.025_T
Wireless Analyzer	3.2.13
Zebra Bluetooth	13.1.2
Zebra Volume Control	3.0.0.87
Zebra Data Service	10.0.7.1001
Secure Storage manager	13.0.0.8

Revision History

Rev	Description	Date
1.0	Initial release	May 25, 2023