



# ZEBRA TC15 Series Mobile Computer User Guide

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**Release Notes – Zebra Android 13**  
**13-27-27.00-TG-U00-STD-GRT-04 Release (GMS)**

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## Highlights

This Android 13 GMS release 13-27-27.00-TG-U00-STD-GRT-04 covers TC15 series product. Please see, device compatibility under Addendum Section for more details.

## Software Packages

Package Name	Description
<a href="#">GR_FULL_UPDATE_13-27-27.00-TG-U00-STD-GRT-04.zip</a>	Full Update Package
<a href="#">GR_DELTA_UPDATE_13-26-19.00-TG-U00-STD_TO_13-27-27.00TG-U00-STD.zip</a>	Delta package from previous release 13-26-19.00-TG-U00STD-GRT-04

## Security Updates

This build is Compliant up to [Android Security Bulletin](#) of March 01, 2024.

## LifeGuard Update 13-27-27.00-TG-U00-STD-GRT-04

This LG patch is applicable for 13-26-19.00-TG-U00-STD-GRT-04 version.

## New Features

- Scanner Framework
- Added support to Zebra POS Scanner/Scale.
- Added support for COPE mode.

### • MX 13.2

- Audio Manager adds the ability to:
  - o 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:
  - o 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:
  - o Configure Voice Over LTE settings with a JSON file.
- UI Manager adds the ability to:
  - o Control Large-screen Taskbar usage, which displays recent and pinned apps, plus a link to the app library.
  - o 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.
  - o Identify external keyboard names using wildcard characters.
- USB Manager adds the ability to:
  - o Control MTP folder write access to Android/data and Android/obb folders on the device when Media Transfer Protocol is used.

### • WWAN

- SSD & SS enabled over IMS for Saudi Arabia.
- Disabled MHS and setting for VZW Carrier.

### • DataWedge

- Added support for Digital Link parsing for GS1 barcodes in DataWedge

## • Bluetooth

- Smart leash feature support for device tracker application.
- Added support device discovery, connection state.
- Added feature to measure battery consumption per application.

## • 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.

## LifeGuard Update 13-26-19.00-TG-U00-STD-GRT-04

This LG patch is applicable for 13-23-30.00-TG-U00-STD-GRT-04 version.

### o New Features

- None

### o Resolved Issues

- None

### o Usage Notes

- None

### o Known Constraints

- None

### **LifeGuard Update 13-23-30.00-TG-U00-STD-GRT-04**

This LG patch is applicable for 13-23-30.00-TG-U00-STD-GRT-04 version.

Updated below mentioned components:

Chrome and WebView 115.0.5790.166

GPSU October-2023 Mainline

#### **o 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.

#### **o 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/Data Wedge 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.

#### **o Usage Notes**

- None

#### **o Known Constraints**

- None

### **LifeGuard Update 13-21-05.00-TG-U00-STD-GRT-04**

#### **New Features**

- This is an initial Android 13 GMS release for TC15 family of products.
- In A13 Quick setting UI has changed.
- In A13 Quick setting UI QR scanner code option is available.
- 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 LockOverrideButton 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 resetpassword 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 decomission 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/usbotg/ 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.

## Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	13-27-27.00-TG-U00-STD-GRT-04
Android Version	13
Security Patch level	1-Mar-24
Component Versions	Please see Component Versions under Addendum section

## Device Support

The products supported in this release are TC15 series products. Please see device compatibility details under Addendum Section.

## Important Links

- [Installation and setup 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
TC15	TC15BK-1PE14S-A6 TC15BK-1PF14S-A6 TC15BK-1PF14S-BR	TC15BK-1PE14S-IA TC15DK-1PE14S-ID TC15BK-1PE14S-TK	<a href="#">TC15 Home Page</a>

## Component Versions

Component / Description	Version
Acoustic Profiles	General:TC15-T-1.1 Cellular: TC15-T-1.1
Audio	0.12.0.0
AnalyticsMgr	10.0.0.1008
Android SDK Level	33
Base Band Version	MPSS.HI.4.3.4-00572-MANNAR_GEN_PACK-1
Battery Manager	1.4.7
Bluetooth Pairing Utility	Application Version: 6.3.11 Build Version: 6.1
Camera	2.04.102 (164-00)
DataWedge EMDK Files GMS	13.0.218 13.0.13.4713 version 13 13_202304
License Manager	6.1.3
MXMF	13.2.0.32
NFC	NFC_NCIHALx_AR18C0.13.01.00
OEM info	9.0.0.1005
OSX	QCT6375.130.13.19.15
RXLogger	13.0.12.27
Scanning Framework	41.17.8.0
StageNow	Application version: 13.0.0.0 Build Version: 13.2.0.32
Touch Panel (FW) Zebra Bluetooth	Touch Version: 0x0a Mode: Finger only 13.4.1
Chrome and WebView	115.0.5790.166
GPSU	October-2023 Mainline

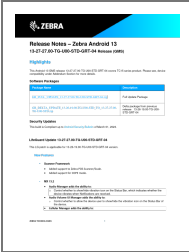
## Revision History

Rev	Description	Date
1.0	Initial release	21-Mar-24





ZEBRA TECHNOLOGIES

## Documents / Resources

	<p><b><a href="#">ZEBRA TC15 Series Mobile Computer</a> [pdf] User Guide</b> 13-26-19.00-TG, 13-27-27.00-TG-U00-STD-GRT-04, 13-23-30.00-TG-U00-STD-GRT-04, TC15 Series Mobile Computer, TC15 Series, Mobile Computer, Computer</p>
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## References

-  [Welcome | Zebra Developer Portal](#)
-  [Android Security and Update Bulletins | Android Open Source Project](#)
- [User Manual](#)

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