Release Notes – Zebra Android 13

13-15-17.00-TG-U00-STD-NEM-04 Release (GMS)

Highlights

This Android 13 GMS release 13-15-17.00-TG-U00-STD-NEM-04 covers the MC9400, MC9450 and TC53e family of products.

Please see device compatibility under the Addendum section for more details.

Software Packages

Package Name	Description
NE_FULL_UPDATE_13-15-17.00-TG-U00-STD-NEM-04.zip	Full package update
NE_DELTA_UPDATE_13-11-22.00-TG-U05-STD_TO_13-15-17.00-TG-U00-STD.zip	Delta update package from 13-11-22.00-TG-U05
Releasekey_4490_EnterpriseReset_V3.zip	Enterprise reset package
Releasekey_4490_FactoryReset_V3.zip	Factory reset package

Security Updates

This build is compliant up to Android Security Bulletin of Feb 01, 2024.

Version Information

Below table contains important information on versions

Description	Version
Product Build Number	13-15-17.00-TG-U00-STD-NEM-04
Android Version	13
Security Patch level	Feb 01,2024
Component Versions	Please see Component Versions under Addendum section

Device Support

This release supports the MC9400, MC9450 and TC53e

Please see device compatibility details under Addendum Section.

New Features

- **Products Supported**
    - o First SW release in Android 13 for MC9450 and TC53e
    - o Support added for MC9400 Freezer SKUs
    - o Support added for BLE Batteries in MC9400 / MC9450
- **Zebra Wireless Analyzer**
    - o Zebra Wireless Analyzer and Wireless Insights are supported in this release.
- **MX**
    - o Added a new MX feature which allows to show/hide the active apps panel which appears on Notification Panel UI.
    - o Added new MX feature to enable/disable write access to Android/data and Android/obb folders of the device, when connected via MTP
    - o Added a new MX feature which allows admin to show/hide the Remote Cast/Control icon in status bar when device is remotely controlled.
    - o Added a new MX feature which allows admin to show/hide Keyguard screen on remote display

Resolved Issues

- SPR51755 - Resolved an issue where Bluetooth HID devices were getting disabled when USB module usage is disabled.
- SPR48680 – Resolved an issue where video conference over WEB RTC (Real Time Communication) interpreting solution was not working
- SPR40250 – Resolved an issue where power off option in power menu is blocked when the automation test is running
- SPR51853 – Resolved an issue where key value was coming wrong for SYS RQ [ctrl + k]
- SPR51755 – Resolved an issue where SettingsMgr can still access notifications after disabling access

Usage Notes

- None

Known Constraints

- Delta OTA packages are not supported in Recovery mode. To apply Delta OTA packages, use StageNow/MDM solution.
- DHCP Option 119 is currently not supported in this release. Zebra is working on enabling this feature in future Android 13 releases.
- Zebra DHCP options is not supported on all 3rd party ethernet dongles.
- NFC Host card emulation (HCE) feature is not supported in this SW release of TC53e. The feature will be enabled in future Android 13 releases.
- 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.
- 4K video resolution is not supported on this SW release, using the native video player.

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
MC9400	MC9401-0G1J6BSS-A6 MC9401-0G1J6CSS-A6 MC9401-0G1J6CSS-NA MC9401-0G1J6DSB-TR MC9401-0G1J6DSS-A6 MC9401-0G1J6DSS-IN MC9401-0G1J6DSS-NA MC9401-0G1J6DSS-TR MC9401-0G1J6ESS-A6 MC9401-0G1J6ESS-IN MC9401-0G1J6ESS-NA MC9401-0G1J6GSS-A6 MC9401-0G1J6GSS-NA MC9401-0G1J6HSS-A6 MC9401-0G1J6HSS-NA MC9401-0G1M6ASS-A6 MC9401-0G1M6BSS-A6 MC9401-0G1M6CSB-A6 MC9401-0G1M6CSS-A6 MC9401-0G1M6CSS-NA MC9401-0G1M6DSB-A6 MC9401-0G1M6DSB-NA MC9401-0G1M6DSS-A6 MC9401-0G1M6DSS-IN MC9401-0G1M6DSS-NA MC9401-0G1M6ESB-NA	MC9401-0G1M6ESS-A6 MC9401-0G1M6ESS-NA MC9401-0G1M6GSB-NA MC9401-0G1M6GSS-A6 MC9401-0G1M6GSS-NA MC9401-0G1M6HSS-A6 MC9401-0G1M6HSS-NA MC9401-0G1P6DSB-A6 MC9401-0G1P6DSB-NA MC9401-0G1P6DSB-TR MC9401-0G1P6DSS-A6 MC9401-0G1P6DSS-NA MC9401-0G1P6DSS-TR MC9401-0G1P6GSS-A6 MC9401-0G1R6ASS-A6 MC9401-0G1R6BSS-A6 MC9401-0G1R6BSS-NA MC9401-0G1R6CSS-A6 MC9401-0G1R6DSB-NA MC9401-0G1R6DSS-A6 MC9401-0G1R6DSS-NA MC9401-0G1R6ESS-NA MC9401-0G1R6GSS-A6 MC9401-0G1R6GSS-NA MC9401-0G1R6HSS-A6 MC9401-0G1R6HSS-NA	MC9400
MC9450	MC945A-3G1J6CSS-NA MC945A-3G1J6DSS-NA MC945A-3G1J6ESS-NA MC945A-3G1J6GSS-NA MC945A-3G1J6HSS-NA MC945A-3G1M6CSS-NA MC945A-3G1M6DSB-NA MC945A-3G1M6DSS-NA MC945A-3G1M6ESB-NA MC945A-3G1M6ESS-NA MC945A-3G1M6GSB-NA MC945A-3G1M6GSS-NA MC945A-3G1M6HSS-NA MC945A-3G1P6DSB-NA MC945A-3G1P6DSS-NA MC945A-3G1R6BSS-NA MC945A-3G1R6DSB-NA MC945A-3G1R6DSS-NA	MC945B-3G1J6ESS-A6 MC945B-3G1J6GSS-A6 MC945B-3G1J6HSS-A6 MC945B-3G1M6ASS-A6 MC945B-3G1M6BSS-A6 MC945B-3G1M6CSB-A6 MC945B-3G1M6CSS-A6 MC945B-3G1M6DSB-A6 MC945B-3G1M6DSS-A6 MC945B-3G1M6DSS-TR MC945B-3G1M6ESS-A6 MC945B-3G1M6GSS-A6 MC945B-3G1M6HSS-A6 MC945B-3G1P6DSB-A6 MC945B-3G1P6DSS-A6 MC945B-3G1P6DSS-TR MC945B-3G1P6GSS-A6 MC945B-3G1R6ASS-A6	MC9450

	MC945A-3G1R6ESS-NA MC945A-3G1R6GSS-NA MC945A-3G1R6HSS-NA MC945B-3G1J6BSS-A6 MC945B-3G1J6CSS-A6 MC945B-3G1J6DSS-A6	MC945B-3G1R6BSS-A6 MC945B-3G1R6CSS-A6 MC945B-3G1R6DSS-A6 MC945B-3G1R6GSS-A6 MC945B-3G1R6HSS-A6	
TC53e	TC530E-0T1E1B1000-NA TC530E-0T1K1B1000-NA TC530E-0T1K6B1000-NA TC530E-0T1E1B1B00-NA	TC530E-0T1E1B1000-A6 TC530E-0T1E6B1000-A6 TC530E-0T1K6B1000-A6 TC530E-0T1K7B1B00-A6 TC530E-0T1E6B1B00-A6 TC530E-0T1K1B1000-A6	TC53e

Component Versions

Component / Description	Version
Linux Kernel	5.10.198
AnalyticsMgr	10.0.0.1008
Android SDK Level	33
Audio (Microphone and Speaker)	Vendor: 0.23.5.0 ZQSSI: 0.13.0.0
Battery Manager	1.5.3
Bluetooth Pairing Utility	6.3.12
Zebra Camera App	TC53e, MC94X - 2.4.7
DataWedge	13.0.218
EMDK	13.0.13.4713
Files	13
License Manager and LicenseMgrService	6.1.3 and 6.2.4
MXMF	13.2.0.32

NFC and NFC FW	TC53e
	   NFC - PN7221_AR_13.20.03
	   FW - 3.2.1
	MC94x
	    NFC- PN7160_AR_13.20.03 and
	    FW - 12.50.5

OEM info	9.0.0.1005
OSX	QCT4490.130.13.15.8
Rxlogger	13.0.12.56
Scanning Framework	41.7.11.0
StageNow and Zebra Device Manager	13.0.0.0 and 13.2.0.32
WLAN	FUSION_QA_6_1.1.0.018_T FW:1.1.5.0.319.5
WWAN Baseband version	TC53e, MC9400- NA MC9450 – Z240215A_169.4-00052
Zebra Bluetooth	13.4.2

Zebra Volume Control3	3.0.0.94
Zebra Data Service	10.0.8.1001
Velocity ATTE	TC53e - NA MC94x - 2.1.32.23213.074e76a
Wireless Analyzer	WA_A_3_2.0.0.012_T

Revision History

Rev	Description	Date
1.0	Initial release	April 04, 2024
1.1	Added "Support added for BLE Batteries in MC9400 / MC9450"	May 28, 2024