



Release Notes – Zebra Android 10

10-12-13.00-QN-U00-STD-HEL-04 Release (NGMS)

Highlights

This Android 10 NGMS release 10-12-13.00-QN-U00-STD-HEL-04 covers TC21, TC26, PS20, MC3300x, MC3300xR, TC52 family of products. Please see, Device Compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
HE_FULL_UPDATE_10-12-13.00-QN-U00-STD-HEL-04.zip	Full Package Update
HE_EnterpriseReset_A10_V1.zip	Reset Package to Erase User Data Partition Only
HE_FactoryReset_A10_V1.zip	Reset Package to Erase User Data and Enterprise Partitions

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of May 05 2020.

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	10-12-13.00-QN-U00-STD-HEL-04
Android Version	10
Security Patch level	May 5, 2020
Linux Kernel	4.4.205
Component Versions	Please see Component Version under Addendum section

Device Support

Newly supported devices in this release: **TC21, TC26, PS20, MC3300x, MC3300xR, TC52**

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

Device Family	Part Number		Device Specific Manuals and Guides
TC21	TC210K-02A222-CN	TC210K-02A222-04	TC21 Home Page
TC26	TC26CK-12A222-CN	TC26CK-12A222-04	TC26 Home Page
PS20	PS20J-B2G2CN00	PS20J-P4G2CN00 PS20J-P4H2CN00	PS20 Home Page
MC3300x	MC330L-RL2EA4CN MC330L-RL3EA4CN MC330L-SJ3EA4CN MC330L-SJ4EA4CN MC330L-SK3EA4CN MC330L-SE3EA4CN MC330L-GH3EA3CN	MC330L-GL3EA4CN MC330L-GJ2EA4CN MC330L-GE3EA4CN MC330L-SL3EA3CN MC330L-SH3EA3CN MC330L-GL3EA3CN	MC3300x Home Page
MC3300xR	MC339U-GF4EA4CN MC333U-GJ4EA4CN	MC339U-GE4EA4CN	MC3300xR Home Page
TC52	TC520K-2PEZU4P-CN		TC52 Home Page
TC52 HC	TC520K-2HEZU4P-CN		TC52 HC Home Page

New Features

- Added Support for VoIP for TC21
- Added support for MDNA licensing for TC26. For details refer to tech docs
 - <https://techdocs.zebra.com/licensing/about/#mdnacomponentsandfeatures>
- Added support for DSDS feature (Dual Sim Dual Standby Auto selection) for TC26
- Added support for EB version 2.7.0.1 (licensed) for PS20.
- Added support for Ivanti Velocity (v2.1.9) for MC3300x.
- Added support for Multi-user for TC21
- Added support for pre-bundled PTT Express (Not Pre-Licensed). Not applicable for PS20.

- Added ability in DataWedge to block DataWedge API from being accessed by unknown applications.
- Added app consolidation feature where in the applications are bundled in 'zMonitor' and 'zConfigure' folders in the home screen.
- Added a feature wherein the Battery Manager and Battery Swap applications are combined into a single Battery Manager application.
- Added support for OTA update using AB streaming.
- Added support for SoftAP & WorryFreeWifi for TC21.
- Removed Device Diagnostic Tool application.
- Removed Device Central application.
- Removed support of legacy MC32 PowerPrecision batteries for MC3300x. The device will show a battery error message if the legacy MC32 battery is installed. The legacy MC32 PowerPrecision batteries will not be charged while installed in the MC3300x device.

Resolved Issues

- Resolved the issue wherein the device gets stuck at product logo screen when the settings application is hidden/disabled by MDMs.
- Resolved the intermittent issue wherein the microphone fails to function during a reboot.
- Resolved the issue wherein access permission to storage is denied when EMM agent is enrolled via QRCode.
- Resolved the issue wherein music playback stops on usb headset when device is suspended.
- Resolved the issue wherein the device gets stuck at update screen while adding the secondary user.
- Fixed: SPR38152 wherein BT friendly name (FN) of DX30 is not correctly displayed when paired.
- Fixed: SPR39592 wherein ENABLE_SCANNER Intent along with BT disconnection causes invalid scanner to enable.
- Fixed: SPR39819 wherein extra line feed seen when action key character set as LF.
- Fixed: SPR39878 wherein DataWedge crashes when sending intents while it is starting up.
- Fixed: SPR39482 wherein an extra digit is being sent after every MSI barcode scan.
- Fixed: SPR39795 wherein timestamp is not returned on decoding dotcode barcodes.
- Fixed: SPR40076 wherein application crashes in the event of incorrect calling sequence of the Scanning APIs.
- Fixed: SPR38955 wherein application receives continuous back button events in case of press and hold back button and swipe.
- Fixed: SPR38800 wherein Osupdate fails with "bootlock Pin" when battery is below 30% and kept on charge.
- Fixed: SPR38800 wherein Wifi requires a reset when driver and the firmware are out of sync when the firmware does an FT Roam while the host is in suspend state.
- Fixed: SPR39260 wherein Bluetooth cannot be paired with ZQ320 & IMZ320

- Fixed: SPR39578 wherein Bluetooth paired with ZQ320 & IMZ320 cannot print.
- Fixed: SPR39613 wherein Bluetooth service discovery returns Null UUID.
- Fixed: SPR39514 wherein device gets a notification to enable google play, despite restricting GMS to Chrome from StageNow.
- Fixed: SPR39592 wherein BT pairing popup observed when RS60 is disconnected even when profile option is disabled.
- Fixed: SPR39878 wherein DW crash while processing intent from a third-party application.
- Fixed: SPR39522 wherein CTRL key on Physical keypad is responding with delay.
- Fixed: SPR39807 wherein 'Allow display over other apps' is not automatically set to enabled when installing WFC Voice.
- Fixed: SPR39879 wherein setting Clock CSP with EMDK changes the Time Zone but not time.

Usage Notes

- None

Known Issues

- Picture quality of the image taken with 'Night Mode' in low-light conditions is poor.
- Trigger Modes: Presentation Read Mode is preferred over Continuous Read Mode. If using Continuous Read mode, use a lower illumination brightness setting (e.g. 2) to ensure the scanner can work without interruption.
- "Red Eye Reduction" feature disables the camera flash in the device hence, to enable the camera flash back please disable the red eye reduction feature.
- Fusion Advanced Logging fails to stop after performing OS Upgrade. Workaround is to keep Fusion Advanced Logging disabled before performing OS upgrade.
- SD card with total capacity more than 256GB cannot be formatted as internal storage (adopted storage).
- EMM does not support agent persistence in OS dessert downgrade scenario.
- When user attempts to do camera scanning in restricted profile of android multiuser mode device reboots.
- Reset packages of Oreo and Pie should not be used on devices running with A10 software.

Important Links

- [Installation and setup instructions](#) (if the link does not work please copy It to browser and try)
- [Zebra Techdocs](#)
- [Developer Portal](#)

Addendum

Component Versions

Component / Description	Version
Acoustic Profiles	TC26: General: SQ2.6 Cellular: SQ2.6 PS20: General: JQ1.2 Cellular: N/A MC3300x:General:DQ3.1,DQ3.0,DQ1.1,DQ1.0, DQ2.1,DQ2.0, RQ2.1,RQ1.1 Cellular: N/A TC52: General: GQ1.2, GQ2.2 Cellular: N/A
AnalyticsMgr	2.4.0.1254
Android SDK Level	29
Audio (Microphone and Speaker)	0.19.0.0
Battery App	1.1.4
Bluetooth Pairing Utility	3.17
Camera	2.0.002(50-00)
DataWedge	8.1.39
EMDK	8.1.6.2706
Enterprise Browser (PS20)	2.7.0.1
Files	10
License Manager and License Agent	version 4.0.2 and version 4.0.31.3.2.0
MXMF	10.1.0.33
NFC	NFC_NCIHALx_AR18C0.a.3.0
OEM info	9.0.0.170
OSX	QCT.100.10.3.28
RXlogger	6.0.3.0
Scanning Framework	27.4.19.0
StageNow	4.3.2.3

Touch Panel (FW)	06 (TC26) 08 (PS20) 38 (MC3300) 06 (TC52)
WLAN	FUSION_QA_2_1.1.0.003_Q
Zebra BlueTooth	2.5
Zebra Data Service	10.0.0.1175

Revision History

Rev	Description	Date
1.0	Initial release	June 23, 2020
1.1	New SKU Addition for TC2X	July 14, 2020