Release Notes – Zebra Android 10

10-16-10.00-QN-U14-STD-HEL-04 Release (NGMS)

Highlights

This Android 10 NGMS release 10-16-10.00-QN-U14-STD-HEL-04 covers TC21 and TC26 family of products. Please see, device compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
HE_DELTA_UPDATE_10-16-10.00-QN-U14-STD-HEL-04.zip	Diff package update from 10-16-10.00-QN-U00-STD-HEL-04

Security Updates

This build is Compliant up to Android Security Bulletin of October 01 2020.

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	10-16-10.00-QN-U14-STD-HEL-04
Android Version	10
Security Patch level	October 01, 2020
Component Versions	Please see Component Versions under Addendum section

Device Support

The products supported in this release are TC21 and TC26 family of products.

Please see device compatibility details under Addendum Section.

New Features

- Added support for new acoustic profiles for TC21 and TC26 devices

Resolved Issues

- Fixed: 41255 Unit with Verizon SIM entering rescue party when enrolling with MDM
- Fixed: 41039 Bulgaria APN is not up to date.

Usage Notes

- None

Known Issues

- Please refer to the release notes of the LifeGuard Update before applying it to your device if the device comes with following Acoustic Profiles pre-loaded. Applying unsupported LifeGuard patches will override the acoustic profiles preloaded with the device. ("Acoustic Profile" can be found in Settings, About Phone, SW Components)
    - o TC26 - General: SQ6.3.3/Cellular: SQ6.3.3
    - o TC26 Health Care (white plastic) - General: SQ8.3.3/Cellular: SQ8.3.3
    - o TC21 - General: SQ5.3
    - o TC21 Health Care (white plastic) - General: SQ7.3

    As part of IT security best practices, Google Android enforces that the Security Patch Level (SPL) for the new OS or patch must be the same level or a newer level than the OS or patch version currently on the device. If the SPL for the new OS or patch is older than the SPL currently on the device, then the device will factory reset and wipe all user data and settings including user network configurations and remote management tools which would render the device inaccessible over a network.
    Therefore, please check before updating to the latest LifeGuard Release to see if the update supports the Acoustic Profile preloaded on device.
- 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 please disable the 'Red Eye Reduction' feature.
- EMM does not support agent persistence in OS dessert downgrade scenario.
- Reset packages of Oreo and Pie should not be used on devices running with A10 software.
- In-order to avoid any inconsistencies in Settings UI it is recommended to wait for a few seconds after the device boots up.
- Transparent blue overlay in camera view –numeric, character or ENTER key presses in camera view will make this blue overlay appear. The camera is still functional; however, the view is covered with the blue overlay. To clear this, press the TAB key to move the control to a different menu item or close the camera app.
- In case of an OS upgrade from a s/w version having higher security patch level to a s/w version having lower security patch level, user data will be reset.
- TC5x flash LED temperature is too high when torch is on for long time.

- Unable to scan remote company network using ES file explorer over VPN.
- In case USB flash drives are not getting detected on VC8300 after reboot on USB-A port, re-insert the USB flash drive after the device is fully powered up & on home screen.
- On WT6300 with RS4000 & RS5000 usage, the DataWedge option "Keep enabled on suspend" (in Profiles > Configure scanner settings) shall NOT be set, user can set "Trigger Wakeup and Scan"(in Profiles > Configure scanner settings > Reader params) for single trigger wake and scan functionality.

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
TC21	TC210K-02A222-CN TC210K-02B212-CN	TC210K-06B224-CN TC210K-02B412-CN	TC21 Home Page
TC26	TC26CK-12A222-CN TC26CK-12B212-CN	TC26CK-16B224-CN	TC26 Home Page

Component Versions

Component / Description	Version

Acoustics Profiles	TC26: General: SQ2.7
	           Cellular: SQ2.7
	           General: SQ6.3.3
	           Cellular: SQ6.3.3
	TC26 HC: General: SQ4.1
	           Cellular: SQ4.1
	           General: SQ8.3.3
	           Cellular: SQ8.3.3
	TC21 HC: General: SQ3.1
	           Cellular: N/A
	           General: SQ7.3
	           Cellular: N/A
	TC21: General: SQ1.7
	           Cellular: N/A
	           General: SQ5.3
	           Cellular: N/A

Linux Kernel	4.4.205
AnalyticsMgr	2.4.0.1254
Android SDK Level	29
Audio (Microphone and Speaker)	0.31.0.0
Battery App	1.1.7
Bluetooth Pairing Utility	3.18
Camera	2.0.002

DataWedge	8.2.60
EMDK	8.2.4.2804
Files	10
License Manager and License Agent	version 4.1.1 and version 4.1.0.4.0.0
MXMF	10.2.0.34
NFC	NFC_NCIHALx_AR18C0.a.3.0
OEM info	9.0.0.226
OSX	QCT. 100.10.5.53
RXlogger	6.0.4.0
Scanning Framework	28.5.8.0
StageNow	5.0.0.1
Touch Panel (FW)	(TC21): Version 6 (TC26): Version 6
WLAN	FUSION_QA_2_1.3.0.012_Q
Zebra Bluetooth	3.4
Zebra Data Service	10.0.1.1042

Revision History

Rev	Description	Date
1.0	Initial release	December 11, 2020
1.1	Updated "Known Constraints" section	January 5, 2021