Release Notes – Zebra Android 10

10-16-10.00-QN-U11-STD-HEL-04 Release (NGMS)

Highlights

This Android 10 NGMS release 10-16-10.00-QN-U11-STD-HEL-04 covers ET51, ET56 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-U11-STD-HEL-04.zip	Diff package update from 10-16-10.00-QN-U00-STD-HEL-04
HE_EnterpriseReset_A10_V2.zip	Reset Package to Erase User Data Partition Only
HE_FactoryReset_A10_V2.zip	Reset Package to Erase User Data and Enterprise Partitions

Security Updates

This build is Compliant up to Android Security Bulletin of September 05 2020.

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	10-16-10.00-QN-U11-STD-HEL-04
Android Version	10
Security Patch level	September 5, 2020
Component Versions	Please see Component Versions under Addendum section

Device Support

The products supported in this release are ET51, ET56 family of products.

Please see device compatibility details under Addendum Section.

New Features

- Added support for Single Pairing over Bluetooth.
- Added support for Trusted Device Pairing over Bluetooth.
- Added support for Bluetooth Smart Leash feature: Simple audio alert and a notification message on the mobile device to indicate BT accessory is "unleashed".
- Added support for Feature to restrict PTT to certain countries per regulatory requirements.
- Added support for "Signature Presence Validation" with Anchored Mode Document Capture".
- Added support for Edge-detect Document Capture.
- Added support for WPA3
- Added support for 802.11mc (Wi-Fi RTT) for compatible products.
- Added support for 802.11v.
- Added support for WorryFree WiFi - Roam and Voice Analysis
- Added support for USB-C Digital Audio 3.5mm Adapter with PTT Button
- Added support for Data Centric Domain Selection
- Added support for Cell broadcast for Saudi and UAE regions
- Added support for Emergency/Duress Button on TC21/26 HC
- Added support for Video-On-Device application (VoD)
  - Zebra's Video on Device provides on-the-job learning and support for users when and where they need it.
  - VoD allows download of training videos, if available (for specific device models) on demand upon user request.
  - Explicit User's Consent is required to allow download of videos if available (for device model) when the device is using mobile data connection

Resolved Issues

- Fixed: 40770 Standardized the thermal mitigation notification across WAN products.
- Fixed: 40408 WAN disconnecting at higher temperatures.
- Fixed: 40025 Removed Imager mode options from Datawedge.
- Fixed: 38970 Batteryswap function not working with certain client applications running in foreground.
- Fixed: 40239 EMC devices without camera fail to enroll into Microsoft Intune from welcome screen
- Fixed: 40709 DW profile with BDF "sent Enter key" enabled works inconsistently.
- Fixed: 40607 Chrome pages doesn't automatically scroll.
- Fixed: 40544 DW fails to show notifications for subsequent connections after initial connection to DS3678.
- Fixed: 40404 EthernetMgr CSP BypassProxy does not accept wildcard on IP.
- Fixed: 40500 Custom APN setting persistence after upgrade
- Fixed: 40382 StageNow Error while Creating DSDS setting in CellularMgr
- Fixed: 38059 CC6000 illuminates constantly in dark environment.
- Fixed: 40212 On TC77, sometimes the Clock CSP causes the time not to display correctly.

- Fixed: 39478 On TC83, cannot set touch mode to "Stylus, Glove and Finger" via stagenow.
- Fixed: 39982 'VerifyApps' API returns False.
- Fixed: 40245 Incorrect settingsMgr menu for Airplane mode

Usage Notes

- None

Known Constraints

- 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.

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
ET56	ET56ET-L21E-00CN	ET56DE-L21E-00CN	ET56 Home Page
ET51	ET51CE-L21E-00CN	ET51CE-L21E-SFCN	ET51 Home Page

Component Versions

Component / Description	Version

Acoustics Profiles	ET56: General: PQ2.1, PQ4.1
	            Cellular: N/A
	ET51: General: PQ1.1, PQ3.1
	            Cellular: N/A

Linux Kernel	4.4.205
AnalyticsMgr	2.4.0.1254
Android SDK Level	29
Audio (Microphone and Speaker)	0.29.0.0
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. 100.10.5.54
RXlogger	6.0.4.0
Scanning Framework	28.5.8.0
StageNow	5.0.0.1
Touch Panel (FW)	(ET56/ET51 8'): Version: 0509080000 (ET56/ET51 10.1'): Version: 0410050000
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	October 28, 2020