



# Release Notes – Zebra Android 10

## 10-11-12.00-QG-U00-STD-HEL-04 Release (GMS)

### Highlights

This Android 10 GMS release 10-11-12.00-QG-U00-STD-HEL-04 covers limited TC21 family of products. Please see, Device Compatibility under Addendum Section for more details. (TC26 family of products would not get supported with current release of software)

### Software Packages

Package Name	Description
HE_FULL_UPDATE_10-11-12.00-QG-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	10-11-12.00-QG-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**

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

Device Family	Part Number		Device Specific Manuals and Guides
TC21	TC210K-01A222-A6	TC210K-01A222-NA	<a href="#">TC21 Home Page</a>

## New Features

- Mobility DNA™ Professional Integrated Solutions comprising DataWedge, Device Diagnostics, EMDK, Enterprise Home Screen, MX Extensions and StageNow is pre-loaded and pre-licensed especially for TC21XX product line. To take Advantage of the complete Mobility DNA offering for TC21 a Mobility DNA Enterprise license is required. MDNA software can be divided into three categories. (For more information about Mobility DNA tools, please visit: <https://zebra.com/mobilitydna>)
  - **Bundled but not enabled** - Mobility DNA Enterprise license will enable application and services that are bundled but not allowed without a license (please refer to <https://techdocs.zebra.com/licensing/about/> for a complete list of applications and services enabled with this license)
  - **Post loaded after MDNA License is installed** - There are few applications such as Power Precision Console, Device Tracker (On Prem), Enterprise Keyboard and Device Central which still required to be downloaded separately and sideloaded as they are not pre-loaded with the device software even after installing the MDNA Enterprise License.
  - **A-la-carte** - Third category of Applications and Services such as Enterprise Browser, PTT Pro etc.... requires individual A-la-carte licenses and some of them require Mobility DNA Enterprise License to function optimally (please refer to <https://techdocs.zebra.com/licensing/about/> for more details)

## Resolved Issues

- None.

## Usage Notes

- None

## Known Issues

- Current software does not support VoIP and other Voice functionality and this functionality is available starting next OS update.
- Picture Captured with “Night Mode” turned on does not improve the picture quality in low light conditions.

- 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.
- Android Multiuser functionality is not supported with this version of software and would be supported with the next OS update.
- When a device admin blocks a settings application using the Device Policy Manager API 'setApplicationHidden()' , on a subsequent boot the device gets stuck in a reboot loop. For current version of software recommendation is to utilize MX Settings Manager or UI Manger to disable access to settings instead of using above API. This will be addressed in the next OS update.
- When an EMM agent is enrolled via QR Code, NFC Bump or ZeroTouch, access to “/sdcard” path is not granted to said EMM due to how legacy permissions are handled in Android 10. Alternative is to use StageNow software to enroll the EMM Agent or use AFW# method to enroll the EMM Agent. If one still would require using the three unsupported methods (QR Code, NFC and Zero Touch) it is advised to use “/data/tmp/public” folder path instead of “/sdcard” folder path.
- Due to USB peripheral power management policy enforced in current version of software, USB-C headset connected to the device will pause audio playback when device is suspended. This will be fixed next version of software.
- “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.

## Important Links

- [Installation and setup instructions](#)
- [Zebra Techdocs](#)
- [Developer Portal](#)

## Addendum

### Component Versions

Component / Description	Version
Acoustic Profiles	General: SQ1.5 Cellular: N/A
AnalyticsMgr	2.4.0.1254
Android SDK Level	29
Audio (Microphone and Speaker)	0.16.0.0
Battery App	1.0.8
Bluetooth Pairing Utility	3.17
Camera	2.0.002(49-00)
DataWedge	8.0.40
Diagnostic Tool	1.20.0.2
EMDK	8.0.10.2621
Files	10
GMS	10_202003
License Manager and License Agent	version 4.0.2 and version 4.0.31.3.2.0
MXMF	10.0.2.6
NFC	NFC_NCIHALx_AR18C0.a.3.0
OEM info	9.0.0.170
OSX	QCT.100.10.3.23
RXlogger	6.0.3.0
Scanning Framework	27.0.19.0
StageNow	4.2.6.6
Touch Panel (FW)	06 (TC21)
WLAN	FUSION_QA_2_1.0.0.015_Q
Zebra BlueTooth	2.5

Zebra Data Service	10.0.0.1154
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## Revision History

Rev	Description	Date
1.0	Initial release	May 26, 2020