Release Notes – Zebra Android 11

11-19-19.00-RN-U00-STD-WTX-04 Release (NGMS)

Highlights

This Android 11 AOSP release 11-19-19.00-RN-U00-STD-WTX-04 covers the WS50 product.

Please see device compatibility under Addendum Section for more details.

Software Packages

Package Name	Description
WT_FULL_UPDATE_11-19-19.00-RN-U00-STD-WTX-04.zip	Full package update
WT_DELTA_UPDATE_11-17-03.00-RN-U00-STD_TO_11-19-19.00-RN-U00-STD.zip	Delta package from previous release 11-17-03.00-RN-U00-STD
Releasekeys_WS50x_A11_EnterpriseReset_V4.zip	Reset Package to Erase User Data Partition Only
Releasekeys_WS50x _A11_FactoryReset_V4.zip	Reset Package to Erase User Data and Enterprise Partitions

Security Updates

This build is Compliant up to Android Security Bulletin of June 5, 2022

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	11-19-19.00-RN-U00-STD-WTX-04
Android Version	11
Security Patch level	June 5, 2022
Component Versions	Please see Component Versions under Addendum section

Device Support

The products supported in this release are WS50 product family.

Please see device compatibility details under Addendum Section.

New Features

- Support for SKUs with Camera
- Enterprise NFC Options
- Voice Tuning (Support for PTT Lite)

Resolved Issues

- SPR46483 - My Lifeguard Update profile is failing reporting 'Not Supported Model'
- SPR46513 - Datawedge Char 13 (Enter) not being sent
- SPR46227, SPR 44971 - BT Audio Gateway Codec not working at 8kHz, VDP application, HS3100 /Parrot CK3100 headset needs reset to get it working
- SPR46167 - A11 Device not connecting to Profile created by Airwatch
- SPR46162 - Applying USB Mgr Config with disabling the Access device storage from PC via USB parameter causes an external keyboard not to work
- SPR46370 - Beep ADF Functionality bug while language is Japanese

Usage Notes

While rebooting, if the device detected with USB cable and if the Lower Left button is pressed, device enters RECOVERY mode.

Known Constraints

- For optimal performance:
    - It is recommended that the sum of memory consumed by all installed applications should not exceed 350MB.
    - It is recommended to use DataWedge Intent API instead of Keyboard Wedge
- Bluetooth PAN, HID and OBEX profiles are not supported on this platform.
- DataWedge UI is limited to selection profiles. The profiles will need to be configured on another device and imported.
- Key Remapping and Ethernet Config need to be configured via EMM or StageNow.
- Recent app functionality is not supported on this platform.
- Full OTA packages are advised for Recovery mode OS updates.

- Delta OTA packages should be used with LifeGuard Over the Air (OTA) APIs or StageNow/MDM solution.
  - o Full OTA packages are advised for Recovery mode OS updates. Using delta updates in recovery mode is no longer supported.

Important Links

- Installation and setup instructions (If the link does not work, please copy to a browser and try again)
- 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
WS50	WS5001-0F2J3020EA6 WS5001-0F2J3020ENA WS5001-0F2J302PEA6 WS5001-0F2J302PENA WS5001-0B2J3020EA6 WS5001-0B2J3020ENA WS5001-0W203D10EA6 WS5001-0W203D10ENA WS5001-0W203010EA6 WS5001-0W203010ENA		WS50 Home Page

Component Versions

Component / Description	Version
Linux Kernel	4.14.206-perf+
AnalyticsMgr	10.0.0.1002
Android SDK Level	30
Audio	0.2.0.0
Battery Manager	1.3.7

Bluetooth Pairing Utility	4.03
Camera	2.0.002 (21-30)
DataWedge	11.3.410
EMDK	11.0.131.4031
Files	11
License Manager and License agent	NA
MXMF	11.5.0.37
NFC	NFC_NCIHALx_AR18C0.b.1.0
OEM info	9.0.0.614
OSX	SDA429.110.12.9
RXlogger	7.29.4.8
Scanning Framework	31.8.3.0
StageNow	11.5.0.56 in UI, 11.5.0.0 in Settings
WLAN	FUSION_QA_3_1.1.0.003_R
WorryFree WiFi	NA
Zebra Bluetooth	11.1.1
Zebra Volume Control	NA
Zebra Data Service	10.0.4.1224

Revision History

Rev	Description	Date
1.0	Initial release	July 26, 2022