Release Notes – Zebra Android 11

11-27-22.00-RN-U00-STD-WTX-04 Release (NGMS)

Highlights

This Android 11 AOSP release 11-27-22.00-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_11-27-22.00-RN-U00-STD-WTX-04.zip	Full package update
WT_DELTA_UPDATE_11-19-19.00-RN-U10-STD_TO_11-27-22.00-RN-U00-STD.zip	Delta package from previous release 11-19-19.00-RN-U10-STD

Security Updates

This build is Compliant up to Android Security Bulletin of April 5, 2023

LifeGuard Update 11-27-22.00-RN-U00

➢ This LG patch is applicable for 11-27-22.00-RN-U00-STD-WTX-04 BSP version.

- o **New Features**
  - o Support for second source flash component was added. Note that units with this flash component cannot be downgraded.
  - o Service mode to allow service centers to modify device parameters without unlocking devices.

- o **Resolved Issues**
  - • None

- o **Usage Notes**
  - • None

LifeGuard Update 11-19-19.00-RN-U10

➢ LifeGuard Update 11-19-19.00-RN-U10 contains security updates only.

  This LG patch is applicable for 11-19-19.00-RN-U09-STD-WTX-04 BSP version.

  o **New Features**
    • None

  o **Resolved Issues**
    • None

  o **Usage Notes**
    • None

LifeGuard Update 11-19-19.00-RN-U09

➢ LifeGuard Update 11-19-19.00-RN-U09 contains security updates only.

  This LG patch is applicable for 11-19-19.00-RN-U08-STD-WTX-04 BSP version.

  o **New Features**
    • None

  o **Resolved Issues**
    • None

  o **Usage Notes**
    • None

LifeGuard Update 11-19-19.00-RN-U08

➢ This LG patch is applicable for 11-19-19.00-RN-U06-STD-WTX-04 BSP version.
  Updated below mentioned components:
    OSx version - SDA429.110.12.12

  o **New Features**
    • None

- o **Resolved Issues**
  - • SPR-47950, SPR-47573 – Resolved an issue wherein remapping a button to Power does not bring up the power menu with a long press.

- o **Usage Notes**
  - • None

LifeGuard Update 11-19-19.00-RN-U06

➢ LifeGuard Update 11-19-19.00-RN-U06 contains security updates only.

This LG patch is applicable for 11-19-19.00-RN-U05-STD-WTX-04 BSP version.

LifeGuard Update 11-19-19.00-RN-U05

➢ LifeGuard Update 11-19-19.00-RN-U05 contains security updates only.

This LG patch is applicable for 11-19-19.00-RN-U04-STD-WTX-04 BSP version.

LifeGuard Update 11-19-19.00-RN-U04

➢ This LG patch is applicable for 11-19-19.00-RN-U03-STD-WTX-04 BSP version.

- o **New Features**
  - • Battery removal video

- o **Resolved Issues**
  - • Stability improvement for video capture.

- o **Usage Notes**
  - • None

LifeGuard Update 11-19-19.00-RN-U03

➢ LifeGuard Update 11-19-19.00-RN-U03 contains security updates only.

This LG patch is applicable for 11-19-19.00-RN-U02-STD-WTX-04 BSP version.

LifeGuard Update 11-19-19.00-RN-U02

➤ LifeGuard Update 11-19-19.00-RN-U02 contains security updates only.

➤ This LG patch is applicable for 11-19-19.00-RN-U00-STD-WTX-04 BSP version.

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	11-27-22.00-RN-U00-STD-WTX-04
Android Version	11
Security Patch level	April 5, 2023
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.

Known Constraints

- Units with SKU IDs 133, 134, 135 or 136 cannot be downgraded to releases older than 11-27-22.00-RN-U00-STD-WTX-04.
- 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.
  - 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
Security Patch	U00
Android SDK Level	30
Android OS Version	11
Audio	0.2.0.0
Touch	Version: 24 Mode: Finger Only

Acoustics profile	General: WS50-R-1.6 Cellular: N/A
Battery Manager	1.3.7
Bluetooth Pairing Utility	4.03
Camera	2.0.002
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	SDA429.110.12.12
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	11.2.2
Webview	110.0.5481.154
Zebra Volume Control	NA
Zebra Data Service	10.0.4.1224
Fingerprints	Zebra/WS50/WS50:11/11-27-22.00-RN-U00-STD-WTX-04/54:user/release-keys

Revision History

Rev	Description	Date
1.0	Initial release	April 14, 2023