



# Release Notes – Zebra Android 11

## 11-27-22.00-RN-U04-STD-WTX-04 Release (NGMS)

### Highlights

This Android 11 AOSP release 11-27-22.00-RN-U04-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-U04-STD-WTX-04.zip	Full package update
WT_DELTA_UPDATE_11-27-22.00-RN-U01-STD_TO_11-27-22.00-RN-U04-STD.zip	Delta package from previous release 11-27-22.00-RN-U01-STD

### Security Updates

This build is Compliant up to [Android Security Bulletin](#) of June 5, 2023

### LifeGuard Update 11-27-22.00-RN-U04

➤ LifeGuard Update 11-27-22.00-RN-U04 contains security updates only.

This LG patch is applicable for 11-27-22.00-RN-U01-STD-WTX-04 BSP version.

#### ○ New Features

- None

#### ○ Resolved Issues

- None

#### ○ Usage Notes

- None

## LifeGuard Update 11-27-22.00-RN-U01

- LifeGuard Update 11-27-22.00-RN-U01 contains security updates only.

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

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

## 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.

- **New Features**

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

- **Resolved Issues**

- None

- **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.

- **New Features**

- None

- **Resolved Issues**

- None

- **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.

- **New Features**

- None

- **Resolved Issues**

- None

- **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

- **New Features**

- None

- **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.

- **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.

- **New Features**

- Battery removal video

- **Resolved Issues**

- Stability improvement for video capture.

- **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
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Product Build Number	11-27-22.00-RN-U04-STD-WTX-04
Android Version	11
Security Patch level	June 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	<a href="#">WS50 Home Page</a>

### 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-U04-STD-WTX-04/12:user/release-keys

## Revision History

Rev	Description	Date
1.0	Initial release	June 7, 2023