

# Release Notes – Zebra Android 11

## 11-31-18.00-RN-U00-STD-WTX-04 Release (NGMS)

### Highlights

This Android 11 AOSP release 11-31-18.00-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_11-31-18.00-RN-U00-STD-WTX-04.zip	Full package update
WT_DELTA_UPDATE_11-30-03.00-RN-U00-STD_TO_11-31-18.00-RN-U00-STD.zip	Delta package from previous release 11-30-03.00-RN-U00STDs

### Security Updates

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

### LifeGuard Update 11-31-18.00-RN-U00

This LG patch is applicable for 11-30-03.00-RN-U00-STD version.

Updated below mentioned components:

WLAN - FUSION\_QA\_3\_1.2.0.007\_R

#### ○ New Features

- None

#### ○ Resolved Issues

- SPR 50448 - Resolved an issue wherein device was unable to connect with Hidden SSID on DFS channel.

#### ○ Usage Notes

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

## LifeGuard Update 11-30-03.00-RN-U00

This LG patch is applicable for 11-27-22.00-RN-U01-STD version

- **New Features**
  - Support for SKUs with RFID.
- **Resolved Issues**
  - None
- **Usage Notes**
  - While rebooting, if the device detected with USB cable and if the Lower Left button is pressed, device enters RECOVERY mode.

## Version Information

Below Table contains important information on versions.

Description	Version
Product Build Number	11-31-18.00-RN-U00-STD-WTX-04
Android Version	11
Security Patch level	July 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.
- RFID radio cannot be operated with WS50 battery capacity below 5%.
- RFID radio firmware cannot be updated with WS50 battery capacity below 16%.

## 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 WS5001-0U2J3030EEA WS5001-0U2J3030ERW WS5001-0U2J3030ENA WS5001-0U2J303PERW WS5001-0U2J303PENA WS5001-0U2J303PEEA	<a href="#">WS50 Home Page</a>

## 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	SDA429.110.12.12
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_1.2.0.007_R
WorryFree WiFi	NA
Zebra Bluetooth	11.2.2
Zebra Volume Control	NA
Zebra Data Service	10.0.4.1224

Fingerprints	Zebra/WS50/WS50:11/11-31-18.00-RN-U00-STD-WTX-04/22:user/release-keys  Zebra/WS50/WS50C:11/11-31-18.00-RN-U00-STD-WTX-04/22:user/release-keys
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### Revision History

Rev	Description	Date
1.0	Initial release	July 19, 2023