

Release Notes – Zebra Android 11

11-37-03.00-RN-U00-STD-WTX-04 Release (NGMS)

Highlights

This Android 11 AOSP release 11-37-03.00-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_11-37-03.00-RN-U00-STD-WTX-04.zip	Full package update
WT_DELTA_UPDATE_11-32-08.00-RN-U08-STD_TO_11-37-03.00-RN-U00-STD.zip	Delta package from previous release 11-32-08.00-RN-U08-STD

Security Updates

This build is Compliant up to [Android Security Bulletin](#) of January 5, 2024.

LifeGuard Update 11-37-03.00-RN-U00

This LG patch is applicable for 11-32-08.00-RN-U08-STD version.

Updated below mentioned components:

Camera - 2.0.002(41-30)
Data Wedge – 11.3.414
MXMF - 11.5.0.39
WLAN - FUSION_QA_3_1.2.0.009_R

○ New Features

- **MXMF**
- Added feature to enable and disable battery swap to PowerManager CSP when WS50 core is removed from the shell
- **DataWedge**
- Added “Data Capture Plus” (On-Screen Scan Button) feature to enable scanning when core is removed from shell.
- **Accessories support**
- Added support for new “Thin Wrist Mount” accessory.
- Added a broadcast intent to notify registered applications the event of core removal from shell.

- Added support to detect PTT button on PTT headset.
- **BSP**
- Added DND to Quick Settings
- Added support for LED flashing (Blinking) to the LED API
- Added feature to control all volume sliders from a master volume slider in quick settings.

- **Resolved Issues**

- SPR-52129 - Enabling support for CAM mode to overcome slow ping time.

- **Usage Notes**

- None.

LifeGuard Update 11-32-08.00-RN-U08

LifeGuard Update 11-32-08.00-RN-U08 contains security updates only.
This LG patch is applicable for 11-32-08.00-RN-U06-STD-WTX-04 version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

LifeGuard Update 11-32-08.00-RN-U06

LifeGuard Update 11-32-08.00-RN-U06 contains security updates only.
This LG patch is applicable for 11-32-08.00-RN-U04-STD-WTX-04 version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

LifeGuard Update 11-32-08.00-RN-U04

LifeGuard Update 11-32-08.00-RN-U04 contains security updates only.
This LG patch is applicable for 11-32-08.00-RN-U01-STD-WTX-04 version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

LifeGuard Update 11-32-08.00-RN-U01

LifeGuard Update 11-32-08.00-RN-U01 contains security updates only.
This LG patch is applicable for 11-32-08.00-RN-U00-STD-WTX-04 version.

- **New Features**

- None

- **Resolved Issues**

- None

- **Usage Notes**

- None

LifeGuard Update 11-32-08.00-RN-U00

This LG patch is applicable for 11-31-18.00-RN-U00-STD version.

Updated below mentioned components:

WLAN - FUSION_QA_3_1.2.0.008_R

- **New Features**

- None

- **Resolved Issues**

- SPR 50448 - Resolved an issue wherein device was unable to connect in PNO mode.

- **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 11-31-18.00-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	11-37-03.00-RN-U00-STD-WTX-04
Android Version	11
Security Patch level	January 5, 2024
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	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 (41-30)
DataWedge	11.3.414
EMDK	11.0.131.4031
Files	11
License Manager and License agent	NA
MXMF	11.5.0.39
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	11.5.0.61
WLAN	FUSION_QA_3_1.2.0.009_R
WorryFree WiFi	NA
Zebra Bluetooth	11.2.2
Zebra Volume Control	NA
Zebra Data Service	10.0.4.1224
Fingerprints	Zebra/WS50/WS50:11/11-37-03.00-RN-U00-STD-WTX-04/41:user/release-keys Zebra/WS50/WS50C:11/11-37-03.00-RN-U00-STD-WTX-04/41:user/release-keys

Revision History

Rev	Description	Date
1.0	Initial release	October 5, 2023