



# Release Notes - Zebra ET50 Android M LifeGuard Update 12 WLAN (Non-GMS)

## Highlights

This release contains the following software package which is compatible with the ET50 Non-GMS product. LifeGuard patches are cumulative and include all previous fixes that are part of earlier patch releases.

## Software Packages

Package Name	Package Description
CFE-ET50-M-XX-032120-N-00-12.zip	CFE Package Update

## Security Updates:

- Android Security Patch Level: 2018-08-05 (Critical Patch Level: 2022-08-01)

Use the below link to see the Android Security bulletin for more information:

<https://source.android.com/security/bulletin/>

### 1. CFE v12 Updates:

CFE-ET50-M-XX-032120-N-00-12.zip (Non-GMS)

- Updated Components:
  - WebView - 103.0.5060.71

### 2. CFE v11 Updates:

CFE-ET50-M-XX-032120-N-00-11.zip (Non-GMS)

- Updated Components:
  - WebView - 97.0.4692.87

### 3. CFE v10 Updates:

CFE-ET50-M-XX-032120-N-00-10.zip (Non-GMS)

- Updated Components:

- WebView - 95.0.4638.50

#### 4. CFE v9 Updates:

CFE-ET50-M-XX-032120-N-00-09.zip (Non-GMS)

- Updated Components:
  - WebView - 90.0.4430.91
  - FUSION\_BA\_3\_10.0.5.019\_M

#### 5. CFE v8 Updates:

CFE-ET50-M-XX-032120-N-00-08.zip (Non-GMS)

- Updated Components:
  - WebView - 87.0.4280.141

#### 6. CFE v7 Updates:

CFE-ET50-M-XX-032120-N-00-07.zip (Non-GMS)

- SPR40628 - Fixed the issue of GTK rotation failure in device due to invalid rates sent in TSPEC from the AP
- SPR40178 - Fixed the issue where sometimes device not responding to pings when in suspend state
- SPR39491 - Fixed the issue where device sends RIC IE in reassociation though AP is not supporting RIC
- SPR40705 - Fixed the device behavior to ignore the deauth/disassoc from previously connected AP
- Updated Components:
  - WebView 85.0.4183.127

#### 7. CFE v6 Updates:

CFE-ET50-M-XX-032120-N-00-06.zip (Non-GMS)

- SPR39621 - Fixed an issue wherein UI manager CSP was crashed while setting EKB as default.
- SPR39572 - Resolved an issue wherein sim Card was not detected in earlier modems

sporadically.

- Enable DataWedge Camera Decode and support multi-decode unique continuous mode.
- Updated Components:
  - WebView 83.0.4103.106

## 8. CFE v5 Updates:

CFE-ET50-M-XX-032120-N-00-05.zip (Non-GMS)

- SPR38483 - Resolved an issue where Bluetooth slowness seen with printer operation.
- SPR37841 - Cypress fixed the issue with power save which made the device not to receive the buffered packets.
- SPR38958 - Resolved an issue where VPN and ethernet connection was not using Domain name.
- SPR37982 - Resolved an issue wherein incorrect power consumption was reported against Bluetooth module
- SPR37434 - Resolved an issue wherein High CPU utilization is observed when StageNow is used to configure Fusion Advance logs.
  
- Updated the firmware for fixing Kr00k vulnerability issue seen with Broadcom Wi-Fi chipsets
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- Updated components:
  - WebView 84.0.4117.0
  - FUSION\_BA\_3\_10.0.5.014\_M

## 9. CFE v4 Updates:

CFE-ET50-M-XX-032120-N-00-04.zip (Non-GMS)

- SPR-36441 – Resolved an issue where unable to write on ATP SD Card.
  
- Updated components:
  - WebView: 73.0.3683.90
  - Fusion: FUSION\_BA\_3\_10.0.5.013\_M
  - BIOS: 5.04.42.0052-A-Z-017

- Includes Microarchitectural Data Sampling fixes.

## 10. CFE v3 Updates:

CFE-ET50-M-XX-032120-N-00-03.zip (Non-GMS)

- Updated below mentioned components:
  - Mx MF (8.2.4.8)
    - SPR34771 – Resolved an issue wherein sync was not proper while checking with access manager for permission with Mx component.
  - Bluetooth
    - SPR35735 – Resolved an issue where more than 7 HID devices were not connecting.
  - SPR36162 – Added Support for Dex
  - Zebra License Manager (3.1.1) has been included.
  - Data Analytics changes:
    - DataAnalytics has been renamed to Zebra Data Service.
    - DAInBuiltDCA has been renamed to Zebra Data Service Plugin.
    - SettingsEULA has been renamed to Zebra Data Services.

## Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	03-21-20.00-MN-U12-STD
Android Version	6.0.1
Security Patch level	2018-08-05 (Critical Patch Level: 2022-08-01)
Linux_kernel	3.14.55 (64-bit)

Component Versions

Please see Component Version under Addendum section

## Important Links

<https://developer.zebra.com/>

<http://techdocs.zebra.com/>

[support central](#)

## Installation and Setup instructions

[Installation and Setup instructions](#)

## Device Support

This software release has been approved for Android ET50 M Non-GMS models mentioned below.

Device	Operating System
ET50PE-L15E-00A6	Android 5.1.1, Android 6.0.1
ET50PE-L15E-00US	Android 5.1.1, Android 6.0.1
ET50PT-L15E-00A6	Android 5.1.1, Android 6.0.1
ET50PT-L15E-00US	Android 5.1.1, Android 6.0.1

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## Addendum

### Component Version

Component / Description	Version
Android_SDK_Level	23
AppGallery	3.0.1.7



B2M_Elemez	1.0.0.347
BIOS version	5.04.42.0052-A-Z-017
Bluetooth stack	4.1
BT Firmware	BCM4354_003.001.012.0404.1391
Data_Analytics	1.0.2.1859
DataWedge	7.0.4
Device Patch Version	12
DWDemo	2.0.13
EMDK	7.0.0.2000
Enterprise Keyboard Manager ("added as a system application")	1.9.0.9
File Browser	1.19.1.5
License Manager	3.1.1
MXMF	8.2.5.12
NFC	8.1.24
OSX	INTL.60.6.7
Product Build Number	03-21-20.00-MN-U12-STD
RD Client	1.01.03
RXlogger	4.61.0.0
Scanner Firmware	PAABLC44-001-R01
Scanning_Framework	19.64.37.0
SOTI	13.3.0. Build 1059
StageNow	3.1.1.1019



Touch	2.2.AA
TXE FW	1.2.1.1153
ULPMC FW version	ULPMC_0065_08
Wi-Fi	FUSION_BA_3_10.0.5.019_M
WebView	103.0.5060.71

## Revision History

Rev	Description	Date
1.0	Initial Release	July 28, 2022