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# Release Notes - Zebra ET50 Android M – LifeGuard Update 03 Release for WLAN NON-GMS

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## Contents

[Description](#)

[Device Compatibility](#)

[Component Contents](#)

[Installation Requirements](#)

[Installation Instructions](#)

[Downloadable Software included in this Release](#)

## Description

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.

## Component Contents/Updates

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Component / Description	Version
Product Build Number	02-14-30 -M-0R-M1-U03-STD
Device Patch Version	3
Android Version	6.0.1
Android_SDK_Level	23
Android Security Patch Level	2018-08-05
Linux_kernel	3.14.55 (64-bit)
OSX	INTL.60.6.6.3
Wifi	FUSION_BA_3_10.0.2.011_M
TXE FW	1.2.1.1153
BIOS version	5.04.42.0052-A-Z-013
UPLMC FW version	UPLMC_0065_08

Bluetooth stack	4.1
NFC	8.1.24
Scanning_Framework	19.7.26.0
Dataawedge	6.8.54
DWDemo	2.0.13
MXMF	8.0.2.0
Touch	2.2.AA
Scanner Firmware	PAABLC44-001-R01
RxLogger	4.61.0.0
RD Client	1.01.03
StageNow	3.0.1.1038
SOTI	13.3.0. Build 1059
EMDK	6.9.16.1216
B2M_Elemez	1.0.0.408
Data_Analytics	2.4.0.1036
File Browser	1.19.1.5
Enterprise Keyboard Manager CSP	1.8.0.8
AppGallery	3.0.1.7
BT Firmware	BCM4354_003.001.012.0404.1391

## 1. CFE v3 Updates:

- ❖ CFE-ET50-M-XX-021430-N-00-03.zip (Non-GMS)

### 1. Android Security Patch Level: August 05, 2018

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

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

- Updated below mentioned components:
  - MXMF – Version 8.0.2.0
  - DataWedge – Version 6.8.54
  - EMDK – Version 6.9.16.1216
  - StagingClient – Version 3.0.1.1038
  - File Browser -- Version 1.19.1.5
  - DDT -- Version 1.15.0.14
  - Enterprise Keyboard – Version 1.8.0.8

## 2. CFE v2 Updates:

- ❖ CFE-ET50-M-XX-021430-N-00-02.zip (Non-GMS)

### 1. Android Security Patch Level: July 05, 2018

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

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

- Updated below mentioned components:
  - MXMF – Version 8.0.2.0
  - DataWedge – Version 6.8.54
  - EMDK – Version 6.9.16.1216

- StagingClient – Version 3.0.1.1038
  - File Browser -- Version 1.19.1.5
  - DDT -- Version 1.15.0.14
  - Enterprise Keyboard – Version 1.8.0.8
- SPR34127 - Resolved an issue wherein setting the MTU to 1500 on Huawei model to resolve the connectivity.
  - Added DEX Cable support.

### 3. CFE v1 Updates:

❖ CFE-ET50-M-XX-021430-N-00-01.zip (Non-GMS)

#### 1. Android Security Patch Level: June 05, 2018

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

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

- Updated below mentioned components:
  - MXMF – Version 8.0.2.0
  - DataWedge – Version 6.8.54
  - EMDK – Version 6.9.16.1216
  - StagingClient – Version 3.0.1.1038
  - File Browser -- Version 1.19.1.5
  - DDT -- Version 1.15.0.14
  - Enterprise Keyboard – Version 1.8.0.8
- SPR33755 - Resolved an issue wherein the Whitelisted apps were unable to submit XML to MX.
- SPR33671 - Resolved an issue wherein user was unable to create WIFI profile with username as backslash followed by number
- SPR34267 - Resolved an issue wherein the device was failed to enable USB debugging when a barcode was scanned.
- SPR33862 - Resolved an issue wherein the Screen Time off settings using Display manager CSP was not working.
- SPR34145 - Resolved an issue wherein indexing of the WEP key was not handled correctly.
- SPR33973 - Resolved an issue wherein erroneously loading default profile by providing feature to ignore disabled profiles in DataWedge
- SPR33848 - Added support to included category field in intent profile in StageNow.
- SPR34189 - implemented 'low\_ram' config flag.
- SPR33639 - Resolved an issue wherein the customer app install and launch during device sleep state and device stop emitting scan beam after awake from suspend.
- SPR33876 - Resolved an issue wherein Display Timeout was unable set via StageNow
- SPR33607 - Resolved an issue where few fresh devices were unable to stage after unbox the device.
- SPR33538 - Resolved an issue wherein the Scanner beam stuck off and No LED beam while pressing scanner button.
- SPR33977 - Resolved an issue wherein Time Zone setting through StageNow profile was not working.

- SPR33981 - Resolved an issue Czech Republic Regulatory Country could not be set using Wifi config profile.
- SPR34716 - Resolved an issue wherein the MX was getting killed by Backup manager and didn't restart properly.
- SPR34530 - Battery firmware is updated to adjust the battery charge level based on temperature.
- SPR34372 - Resolved an issue wherein device was unable to be configured as Device Owner mode through AFW
- SPR34439 - Resolved an issue wherein NTP is not able to sync time based on the interval.
- SPR34566 - Resolved an issue wherein 4G connection occasionally goes out during operation.

## Device Compatibility

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

Device	Operating System
ET50PE-G15E-00US	Android 6.0.1
ET50PE-G15E-00A6	Android 6.0.1
ET50PT-G15E-00US	Android 6.0.1
ET50PT-G15E-00A6	Android 6.0.1

## Installation Requirements

ADB installed on the PC (including adb drivers)

USB debugging turned ON (from Developer options)

ET50 NON-GMS has at least:

Version 02-14-30 -M-0R-M1. 180119 build

## Installation Instructions

**BEFORE UPDATING THE OS IMAGE, EXTERNAL POWER MUST BE APPLIED TO THE TERMINAL VIA USB CHARGING CABLE OR CRADLE.**

**PLEASE ENSURE BATTERY LEVEL IS > 30%**

## IMPORTANT NOTE:

CFE v3 HAS BEEN RELEASED IN THIS POSTING.

CFE v3:

❖ CFE-ET50-M-XX-021430-N-00-03.zip (NON-GMS)

i. If the device has 02-14-30 -M-0R-M1. 180119 build

To see what NON-GMS CFE version is currently on the device, go to “Settings” and scroll down to “About tablet” scroll down to “Build Fingerprint”

If it shows Zebra/ET5x/Et50:6.0.1/02-14-30 -M-0R-M1/180119:user/release-keys” the device has base build

AND

To see what NON-GMS CFE version is currently on the device, go to “Settings” and scroll down to “About tablet” Then select “**SW Components**”

Scroll down to Device Patch Version:

The installed device path version is displayed “ Device Patch Version: 0 “ the device has base build if 3 it has CFE 3 installed.

## CFE software update procedure for ET50:

1. For applying the patch, please refer [Zebra ET5x Android Flashing Procedure.pdf](#)
2. There are two ways to Check the Android Patch Level after installing the CFE package in the device,
  - a. Settings->About Device-> SW Components->Device Patch Version: 3
  - b. Run “getprop ro.device.patch.version” command in ADB Shell.
3. After installing the CFE-ET50-M-XX-021430-N-00-03 on the device, the OS build number would be 02-14-30 -M-0R-M1-U03-STD
4. Now you are all set to use your ET50.

## Downloadable Software Included in this Release

Filename	Description
<a href="#">CFE-ET50-M-XX-021430-N-00-03.zip</a>	OTA incremental CFE v3 update software for NON-GMS build

Last Revised: <08-20-2018>

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