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# Release Notes - Zebra ET55 Android M – LifeGuard Update 03 Release for WWAN NON-GMS

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## Description

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This release contains the following software package which is compatible with the ET55 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-1R-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                     |
| Datawedge                       | 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-ET55-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-ET55-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-ET55-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 6.8.55
  - 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 ET55 M NON-GMS models mentioned below.

| Device           | Operating System |
|------------------|------------------|
| ET55BE-L15E-00A6 | Android 6.0.1    |
| ET55BT-L15E-00A6 | Android 6.0.1    |
| ET55TE-L15E-00A6 | Android 6.0.1    |
| ET55TT-L15E-00A6 | Android 6.0.1    |

## Installation Requirements

ADB installed on the PC (including adb drivers)

USB debugging turned ON (from Developer options)

ET55 NON-GMS has at least:

Version 02-14-30-M-1R-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-ET55-M-XX-021430-N-00-03.zip (NON-GMS)

i. If the device has 02-14-30-M-1R-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-1R-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 patch version is displayed “ Device Patch Version: 0 “ the device has base build if 3 it has CFE 3 installed.

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## CFE software update procedure for ET55:

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-ET55-M-XX-021430-N-00-03 on the device, the OS build number would be 02-14-30-M-1R-M1-U03-STD
4. Now you are all set to use your ET55.

## Downloadable Software Included in this Release

| Filename                         | Description  |
|----------------------------------|--|
| CFE-ET55-M-XX-021430-N-00-03.zip | OTA incremental CFE v3 update software for NON-GMS build |

Last Revised: <08-20-2018>