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# Release Notes - Zebra ET50 Android M – LifeGuard Update 06 Release for WLAN NON- GMS

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## Description

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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.

### 1. CFE v6 Updates:

- ❖ CFE-ET50-M-XX-010820-N-00-06.zip (Non-GMS)

#### 1. Android Security Patch Level: March 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 7.2.0.6
  - DataWedge – Version 6.7.34
  - EMDK – Version 6.8.20.
  - StagingClient – Version 2.10.1.1386
  - File Browser --1.19.1.2
  - DDT -- 1.15.0.11

- SPR33659 – Resolved an issue wherein Continuous Read Mode did not take the selected value for Beam Timer – fix approach enhanced.
- SPR33639 – Resolved an issue wherein the device stops emitting scan beam after waking up from suspend.
- SPR33538 – Resolved an issue wherein scanner beam stuck off when pressing scanner button.
- SPR34205 – BT Firmware Update.
  - The change in Firmware is about better prioritization to eSCO traffic when another Bluetooth ACL link is present.

## 2. CFE v5 Updates:

❖ CFE-ET50-M-XX-010820-N-00-05.zip (Non-GMS)

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

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

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

- SPR33659 – Resolved an issue wherein Continuous Read Mode did not take the selected value for Beam Timer.

## 3. CFE v4 Updates:

❖ CFE-ET50-M-XX-010820-N-00-04.zip (Non-GMS)

### 1. Android Security Patch Level: December 05, 2017

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 7.1.2.1
  - DataWedge – Version 6.6.50
  - EMDK – Version 6.7.10.1010
  - StagingClient – Version 2.9.1.1362
- SPR33067/ SPR33453/SPR33555– Resolved an issue wherein the scanner stops working after upgrading from Lollipop to Marshmallow OS.
- SPR33599– Resolved an issue wherein the StageNow permitted all applications to be executed.
- SPR33115– Resolved an issue wherein Keyboard option is only 'Japanese IME' when upgrade from Lollipop to Marshmallow OS.
- SPR33233 - Resolved an issue wherein the DataWedge 6.2.24 could not replace separator or non-printable ascii character with \$.
- SPR32463 - Resolved an issue wherein the StageNow File Manager downloads frequently fails due to Sockettimeout exception.
- SPR32676 - Resolved an issue wherein DataWedge crashes due to velocity application profile creation.

#### 4. CFE v3 Updates:

❖ CFE-ET50-M-XX-010820-N-00-03.zip (Non-GMS)

1. **Android Security Patch Level:** September 01, 2017

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

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

- Corrections for KRACK vulnerabilities applied.

#### 5. CFE v2 Updates:

❖ CFE-ET50-M-XX-010820-N-00-02.zip (Non-GMS)

1. **Android Security Patch Level:** September 01, 2017

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 7.0.2.1
  - DataWedge – Version 6.5.61
  - EMDK – Version 6.6.14.914
  - StagingClient – Version 2.8.1.1221
- Resolved an issue in MX to prevent leakage of configuration parameters.
- Included fix for BlueBorne vulnerability.
- SPR32894 – Resolved an issue wherein the Airwatch fails to install package because MX reports a 'permission error'.
- SPR32956 – Resolved an issue wherein the Airwatch agent switches between v1.3 and v6.2.

#### 6. CFE v1 Updates:

❖ CFE-ET50-M-XX-010820-N-00-01.zip (Non-GMS)

1. **Android Security Patch Level:** July 01, 2017

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

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

- Resolved a rare occurrence of touch un-responsiveness while the device is being rebooted with usb cable attached.

# 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

# Component Contents/Updates

Component / Description	Version
Product Build Number	01-08-20-M-0R-M1
Device Patch Version	6
Android Version	6.0.1
Wi-Fi	FUSION_BA_3_01.0.6.011_M
Scanner Framework	18.8.13.2
BT Firmware	BCM4354_003.001.012.0404.1391

# Installation Requirements

ADB installed on the PC (including adb drivers)

USB debugging turned ON (from Developer options)

ET50 NON-GMS has at least:

Version 01-08-20-M-0R-M1.170713 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 v6 HAS BEEN RELEASED IN THIS POSTING.

CFE v6:

❖ CFE-ET50-M-XX-010820-N-00-06.zip (NON-GMS)

i. If the device has 01-08-20-M-0R-M1.170713 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/Et50:6.0.1/01-08-20-M-0R-M1/**170713**: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 6 it has CFE 6 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: 6
  - b. Run “getprop ro.device.patch.version” command in ADB Shell.
3. After installing the CFE-ET50-M-XX-010820-N-00-06 on the device, the OS build number would be 01-08-20-M-0R-M1
4. Now you are all set to use your ET50.

## Downloadable Software Included in this Release

Filename	Description
CFE-ET50-M-XX-010820-N-00-06.zip	OTA incremental CFE v6 update software for NON-GMS build

Last Revised: <04-2-2018>