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

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Description

This release contains the following software package which is compatible with the ET50 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-G-00-06.zip (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-G-00-05.zip (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-G-00-04.zip (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-G-00-03.zip (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-G-00-02.zip (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-G-00-01.zip (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 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-MG-OR-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 GMS has at least:

Version 01-08-20-MG-OR-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-G-00-06.zip (GMS)

i. If the device has 01-08-20-MG-0R-M1.170713 build

To see what 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-MG-0R-M1/**170713**:user/release-keys” the device has base build

AND

To see what 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-G-00-06 on the device, the OS build number would be 01-08-20-MG-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-G-00-06.zip	OTA incremental CFE v6 update software for GMS build

Last Revised: <04-2-2018>