Release Notes - Zebra ET50 Android M – LifeGuard Update 02 Release for WLAN GMS

Contents

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.

Component Contents/Updates

Component / Description	Version
Product Build Number	02-14-30 -MG-0R-M1-U02-STD
Device Patch Version	2
Android Version	6.0.1
Android_SDK_Level	23
Android Security Patch Level	2018-07-05
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 v2 Updates:

❖ CFE-ET50-M-XX-021430-G-00-02.zip (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/

o 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

o SPR34127 - Resolved an issue wherein setting the MTU to 1500 on Huawei model to resolve the connectivity.
o Added DEX Cable support.

2. CFE v1 Updates:

❖ CFE-ET50-M-XX-021430-G-00-01.zip (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/

o 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

o SPR33755 - Resolved an issue wherein the Whitelisted apps were unable to submit XML to MX.
o SPR33671 - Resolved an issue wherein user was unable to create WIFI profile with username as backslash followed by number
o SPR34267 - Resolved an issue wherein the device was failed to enable USB debugging when a barcode was scanned.
o SPR33862 - Resolved an issue wherein the Screen Time off settings using Display manager CSP was not working.
o SPR34145 - Resolved an issue wherein indexing of the WEP key was not handled correctly.
o SPR33973 - Resolved an issue wherein erroneously loading default profile by providing feature to ignore disabled profiles in DataWedge
o SPR33848 - Added support to included category field in intent profile in StageNow.
o SPR34189 - implemented 'low_ram' config flag.
o 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.
o SPR33876 - Resolved an issue wherein Display Timeout was unable set via StageNow
o SPR33607 - Resolved an issue where few fresh devices were unable to stage after unbox the device.
o SPR33538 - Resolved an issue wherein the Scanner beam stuck off and No LED beam while pressing scanner button.
o SPR33977 - Resolved an issue wherein Time Zone setting through StageNow profile was not working.
o SPR33981 - Resolved an issue Czech Republic Regulatory Country could not be set using Wifi config profile.
o SPR34716 - Resolved an issue wherein the MX was getting killed by Backup manager and didn't restart properly.
o SPR34530 - Battery firmware is updated to adjust the battery charge level based on temperature.
o SPR34372 - Resolved an issue wherein device was unable to be configured as Device Owner mode through AFW
o SPR34439 - Resolved an issue wherein NTP is not able to sync time based on the interval.
o SPR34566 - Resolved an issue wherein 4G connection occasionally goes out during operation.

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

Installation Requirements

ADB installed on the PC (including adb drivers)

USB debugging turned ON (from Developer options)
ET50 GMS has at least:

Version 02-14-30 -MG-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 v2 HAS BEEN RELEASED IN THIS POSTING.

CFE v2:
 ❖ CFE-ET50-M-XX-021430-G-00-02.zip.zip (GMS)

i. If the device has 02-14-30 -MG-0R-M1.180119 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/Et50:6.0.1/02-14-30 -MG-0R-M1/180119: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 2 it has CFE 2 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: 2
   b.   Run "getprop ro.device.patch.version" command in ADB Shell.

3. After installing the CFE-ET50-M-XX-021430-G-00-02.zip on the device, the OS build number would be 02-14-30 -MG-0R-M1-U02-STD

4. Now you are all set to use your ET50.

Downloadable Software Included in this Release

Filename	Description
CFE-ET50-M-XX-021430-G-00-02.zip	OTA incremental CFE v2 update software for GMS build

Last Revised: <08-03-2018>