Release Notes - Zebra ET50 Android M LifeGuard Update 10 WLAN (GMS)

Highlights

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.

Software Packages

Package Name	Package Description
CFE-ET50-M-XX-032120-G-00-10.zip	CFE Package Update

Security Updates:

- Android Security Patch Level: 2018-08-05 (Critical Patch Level: 2021-11-01)

  Use the below link to see the Android Security bulletin for more information:
  https://source.android.com/security/bulletin/

1. **CFE v10 Updates:**

   CFE-ET50-M-XX-032120-G-00-10.zip (GMS)

   - Updated Components:
     - WebView - 95.0.4638.50

2. **CFE v9 Updates:**

   CFE-ET50-M-XX-032120-G-00-09.zip (GMS)

   - Updated Components:
     - WebView - 90.0.4430.91
     - FUSION_BA_3_10.0.5.019_M

3. **CFE v8 Updates:**

   CFE-ET50-M-XX-032120-G-00-08.zip (GMS)

- Updated Components:
  - WebView - 87.0.4280.141

4. **CFE v7 Updates:**

   CFE-ET50-M-XX-032120-G-00-07.zip (GMS)

   - SPR40628 - Fixed the issue of GTK rotation failure in device due to invalid rates sent in TSPEC from the AP
   - SPR40178 - Fixed the issue where sometimes device not responding to pings when in suspend state
   - SPR39491 - Fixed the issue where device sends RIC IE in reassociation though AP is not supporting RIC
   - SPR40705 - Fixed the device behavior to ignore the deauth/disassoc from previously connected AP
   - Updated Components:
     - WebView 85.0.4183.127

5. **CFE v6 Updates:**

   CFE-ET50-M-XX-032120-G-00-06.zip (GMS)

   - SPR39621 - Fixed an issue wherein UI manager CSP was crashed while setting EKB as default.

   - SPR39572 - Resolved an issue wherein sim Card was not detected in earlier modems sporadically.
   - Enable DataWedge Camera Decode and support multi-decode unique continuous mode.
   - Updated Components:
     - WebView 83.0.4103.106

6. **CFE v5 Updates:**

   CFE-ET50-M-XX-032120-G-00-05.zip (GMS)

   - SPR38483 - Resolved an issue where Bluetooth slowness seen with printer operation.
   - SPR37841 - Cypress fixed the issue with power save which made the device not to receive the buffered packets.

- o SPR38958 - Resolved an issue where VPN and ethernet connection was not using Domain name.
- o SPR37982 - Resolved an issue wherein incorrect power consumption was reported against Bluetooth module
- o SPR37434 - Resolved an issue wherein High CPU utilization is observed when StageNow is used to configure Fusion Advance logs.
- o Updated the firmware for fixing Kr00k vulnerability issue seen with Broadcom Wi-Fi chipsets

- Updated components:
  - o WebView 84.0.4117.0
  - o FUSION_BA_3_10.0.5.014_M

7. CFE v4 Updates:

CFE-ET50-M-XX-032120-G-00-04.zip (GMS)

- o SPR-36441 – Resolved an issue where unable to write on ATP SD Card.

- Updated components:
  - o WebView: 73.0.3683.90
  - o Fusion: FUSION_BA_3_10.0.5.013_M
  - o BIOS: 5.04.42.0052-A-Z-017
    - Includes Microarchitectural Data Sampling fixes.

8. CFE v3 Updates:

CFE-ET50-M-XX-032120-G-00-03.zip (GMS)

- Updated below mentioned components:
  - o Mx MF (8.2.4.8)
    - SPR34771 – Resolved an issue wherein sync was not proper while checking with access manager for permission with Mx component.

- o Bluetooth

    - ▪ SPR35735 – Resolved an issue where more than 7 HID devices were not connecting.

  - o SPR36162 – Added Support for Dex

  - o Zebra License Manager (3.1.1) has been included.

  - o Data Analytics changes:

    - ▪ DataAnalytics has been renamed to Zebra Data Service.

    - ▪ DAInBuiltDCA has been renamed to Zebra Data Service Plugin.

    - ▪ SettingsEULA has been renamed to Zebra Data Services.

Version Information

Below Table contains important information on versions

Description	Version
Product Build Number	03-21-20.00-MG-U10-STD
Android Version	6.0.1
Security Patch level	2018-08-05 (Critical Patch Level: 2021-11-01)
Linux_kernel	3.14.55 (64-bit)
Component Versions	Please see Component Version under Addendum section

Important Links

Installation and Setup instructions

Device Support

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

Device	Operating System
ET50PE-G15E-00A6	Android 5.1.1, Android 6.0.1
ET50PE-G15E-00US	Android 5.1.1, Android 6.0.1
ET50PT-G15E-00A6	Android 5.1.1, Android 6.0.1
ET50PT-G15E-00US	Android 5.1.1, Android 6.0.1

Addendum

Component Version

Component / Description	Version
Android_SDK_Level	23
AppGallery	3.0.1.7
B2M_Elemez	1.0.0.347
BIOS version	5.04.42.0052-A-Z-017

Bluetooth stack	4.1
BT Firmware	BCM4354_003.001.012.0404.1391
Data_Analytics	1.0.2.1859
DataWedge	7.0.4
Device Patch Version	9
DWDemo	2.0.13
EMDK	7.0.0.2000
Enterprise Keyboard Manager ("added as a system application")	1.9.0.9
File Browser	1.19.1.5
License Manager	3.1.1
MXMF	8.2.5.12
NFC	8.1.24
OSX	INTL.60.6.7
Product Build Number	03-21-20.00-MG-U10-STD
RD Client	1.01.03
RXlogger	4.61.0.0
Scanner Firmware	PAABLC44-001-R01
Scanning_Framework	19.64.37.0
SOTI	13.3.0. Build 1059
StageNow	3.1.1.1019
Touch	2.2.AA
TXE FW	1.2.1.1153

ULPMC FW version	ULPMC_0065_08
Wi-Fi	FUSION_BA_3_10.0.5.019_M
WebView	95.0.4638.50

Revision History

Rev	Description	Date
1.0	Initial Release	November 18, 2021