Release Notes – Zebra MC67 Android KK – LifeGuard Update 04 Release

Contents

Description

This release contains the following software package which is compatible with the MC67 KK product.

CFE v4:

❖ CFE-MC67NA-K-XX-121916_N_00_04.zip

This release contains the following fixes and updates.

1. Corrections for KRACK vulnerabilities applied.
2. SPR32972 - Fixed an issue wherein behavior of multi tap keys on hardware keyboard was incorrect on the browser pages.

CFE v3:

❖ CFE-MC67NA-K-XX-121916_N_00_03.zip

This release contains the following fixes and updates.

1. **Android Security Patch Level: March 5, 2017 (Critical Patch Level: September 5, 2017)**

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

2. Updated below mentioned components:
   1. MXMS - Version 6.3.1.101
   2. DataWedge - Version 6.4.18
   3. EMDK - Version 6.5.12.812
   4. Stageing Client - Version 2.7.2.1039
3. Resolved an issue in MX to prevent leakage of configuration parameters.
4. Included fix for BlueBorne vulnerability.
5. SPR32365 – Resolved an issue wherein the Scanner being enabled throughout reboot.
6. SPR29787 – Implemented Proxy Wildcard Feature.

CFE v2:

- ❖ CFE-MC67NA-K-XX-121916_N_00_02.zip

This release contains the following fixes and updates.

1. Android Security Patch Level: March 5, 2017 (Critical Patch Level: August 5, 2017)

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

2. SPR29046/SPR31650 - Resolved an issue wherein InputMethodService was causing junk
character being read out in customer application.
3. SPR31811 - Resolved an issue wherein select-all method was not working on hardware keypad.
4. SPR32193/SPR32230 - Resolved an issue wherein devices experiencing authentication
failures, and were not able to recover.
5. SPR31358/SPR31071 - Fixed an issue where the WLAN radio disconnects or falls back to
"FT over Air" when "FT over DS" option is enabled in 802.11r.
6. SPR32439 - Resolved an issue wherein the certificates get deleted Intermittently
from the device, causing the device connectivity failures to N/W.
7. SPR32008 - Resolved an issue wherein scanning PDF417 barcodes which contain embedded
0x0D characters resulted in continuous line of data instead of displaying in
different lines.
8. SPR32126 - Resolved an issue wherein Stock Browser gets enabled automatically after
reboot even though user has disabled the app in settings.
9. SPR32135 - Resolved an issue wherein Settings screen does not revert to its normal state
even though the locale language is changed Arabic to English via EMDK.
10. SPR29912 - Resolved an issue wherein certificates installation failed through StageNow.

CFE v1:

- ❖ CFE-MC67NA-K-XX-121916_N_00_01.zip

This release contains the following fixes and updates.

1. Android Security Patch Level: March 5, 2017 (Critical Patch Level: May 5, 2017)

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

2. SPR30400 – Includes configurability option to enable/disable the network monitor warning pop-up
messages.
  - ➢ To Disable the warning, you need to place a file named 'networkinfo.txt' populated with content
Value=false into /enterprise/usr/ path and reboot the device for the change to apply.
  - ➢ To Re-Enable the warning (in case you had disabled it earlier) you need to place a file named
'networkinfo.txt' populated with content Value=true into /enterprise/usr/ path and reboot the device
for the change to apply.
  - ➢ This mechanism is different for newer android devices. See Zebra technical documentation for
more information.
http://techdocs.zebra.com/

3. SPR31077 – Resolved an issue where in Device Reboots when SUPL is configured with Secure Setting
and GPS Location Service is requested.

Device Compatibility

This software release has been approved for Android MC67 KK models mentioned below.

Device	Operating System
MC67NA-PDAEAA0050U	Android KitKat 4.4.4
MC67NA-PDAEAB0050U	Android KitKat 4.4.4
MC67NA-PDAEAF0050U	Android KitKat 4.4.4
MC67NA-PDAEAA00500	Android KitKat 4.4.4
MC67NA-PDAEAB00500	Android KitKat 4.4.4
MC67NA-PBAEAA00500	Android KitKat 4.4.4
MC67NA-PBAEAB00500	Android KitKat 4.4.4

Component Contents

Component / Description	Version
Product Build Number	02-19-01-4AJ22-K-00-M1-121916
Android Version	KitKat 4.4.4
WLAN	FUSION_A_4.01.0.0.017

Installation Requirements

- ADB installed on the PC (including adb drivers)
- USB debugging turned ON (from Developer options)
- MC67 has at least:
  - Version 1.12.19 Standard 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 > 50%

CFE Recovery package software update procedure for MC67:

1. Make sure the device is in MTP Mode. If device is in MTP mode, On your PC you should see an Enterprise storage, Internal storage or SD card partitions. Copy the recovery update zip file (CFE-MC67NA-K-XX-121916_N_00_04.zip) package to Internal storage or SD card partition.

2. Press and hold 1+9+Power Key. Unit will reboot at this point.

3. Quickly press and hold down PTT Trigger. (lower right-side button.)

4. The Android system recovery screen should appear. Release PTT Trigger.

5. Click on Vol+ or Vol- to navigate and select appropriated storage. Select 'apply update from sdcard' if you copy zip file on SD card partition. Select 'emulated storage' if you copied zip file on Internal storage.

6. Click on PTT Trigger or Enter key to select the option

7. Click on Vol+ or Vol- to navigate to the recovery update zip file

8. Click on PTT Trigger or Enter key to select the recovery update zip file

Use below steps to check the Android Patch Level after installing the CFE package in the device:

➢ Settings->About phone-> Zebra Patch Version: CFE-MC67NA-K-XX-121916_N_00_04

➢ ADB Shell method: Execute following command from PC's command prompt:
   $ adb shell getprop persist.sys.cfe.patchver
   $ CFE-MC67NA-K-F0-121916_N_00_04

Downloadable Software Included in this Release

Filename	Description
CFE-MC67NA-K-XX-121916_N_00_04.zip	Recovery Package CFE v04 software update for MC67 KK products.

Last Revised: <11-03-2017>