Release Notes - *Zebra VC80x Android Oreo LifeGuard Update 11 Release (NGMS)*

Description

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Description

This release contains the following software package which is compatible with the VC80x products.

LifeGuard patches are cumulative and include all previous fixes that are part of earlier patch releases.

Component Contents

Package Name	Package Description
CFE_ATLAS_02-13-15.00-ON-U11-STD.zip	OTA incremental CFE v11 update software for NGMS build compatible for VC 80x product.

Component Version Info

Component / Description	Version
Product Build Number	02-13-15.00-ON-U11-STD
Android Version	8.1.0
Linux Kernel	3.10.84
Android SDK Level	27

Platform	QC8956
Bluetooth Stack	4.1
Flash Size	32GB
RAM Size	4GB
Scanning	20.0.38.0
DataWedge	7.0.4
EMDK	7.0.0.2000
MXMF / OSX	MXMF: 8.2.1.0 / OSX: QCT.81.8.5.1
WiFi	FUSION_BA_2_11_0.0.024_O
	Radio: BA_2_11_0.0.017_O
	Application: BA_2_11_0.0.012_O
	Middleware: BA_2_11_0.0.015_O
	Firmware: 7.35.205.8_20181002
PTT	3.1.38
Touch FW	N/A
RxLogger Utility	5.4.12.0
Bluetooth Pairing Utility	3.14
Zebra Data Service	3.4.0.1180
Files	8.1.0
Stage Now	3.1.1.1019
User Guide	N/A
Zebra Volume Control (ZVC)	2.1.0.14
Battery Manager	1.4.2
WorryFree WiFi Analyzer	3.2.13
Device Central	1.0.6.0
Zebra Software License Manager	3.1.1
Audio SW Version	0.8.0.0
Diagnostic Tool	1.16.0.1
OemInfo	1.0.0.1059
Enterprise Keyboard (EKB)	1.9.0.5
Finger Print	Zebra/VC80x/VC80x:8.1.0/02-13-15.00-ON-U11-STD/16:user/release-keys
Security Patch Level	Dec 01, 2018

1. **CFE v11 Updates:**
   ❖ CFE_ATLAS_02-13-15.00-ON-U11-STD.zip (NGMS)

   1. **Android Security Patch Level: December 1, 2018**.
      Use the link below to see the Android Security bulletin for more information:
      https://source.android.com/security/bulletin/

2. Updated below mentioned components: For more detail please refer
   http://techdocs.zebra.com

   - o WLAN - Version FUSION_BA_2_11_0.0.024_O
   - o ZVC - Version 2.1.0.14
   - o OemInfo - Version 1.0.0.1059

Installation Requirements

- ADB installed on the PC (including adb drivers)

- USB debugging turned ON (from Developer options)

- TC51/TC70x/VC 80x/MC33 has at least:
  - o Version 02-13-15.00-ON-U01-STD

Installation Instructions

CFE software update procedure for VC80x:

The installation instructions assume you have ADB installed on your PC (the adb drivers etc..) and your VC80x has developer options enabled and USB debugging ON. Instructions on HOW TO enable ADB is also captured in the user guide.

1. Remove the radio antenna cover (four Torx T-10 screws).

2. Connect the VC80x to the PC using the USB data cable or through the cradle.

3. Open Command Prompt, run *"adb devices"* and check if you can see the device's serial number… If yes, proceed… if not, you will need to get the PC set up with the proper drivers or install an External SD Card.

4. You may also get a pop up on your PC (Win 7) that you will be connected as a Portable Media Player… this can be ignored.

❖ **Download Image**
   a) CFE_ATLAS_02-13-15.00-ON-U11-STD.zip listed above in content section

5. Entering Recovery Mode
   a. Choice 1: In Command Prompt, type *"adb reboot recovery"* and click enter.
   b. Choice 2:

- Reboot the VC80x using the power button menu
- When the screen goes black, hold the Power and + buttons
- When Zebra Technologies logo appears on the screen release the buttons

6. Your VC80x will reboot and put you on the Android Recovery screen.

7. If applying update via sideload Method
   a. Use the Volume + and – to highlight, "Apply update from ADB" and press the Power key to select it for applying OS upgrade package

8. if applying update via External SD card
   a. Use the Volume + and – to highlight "Apply update from SD card" and press the Power Key to select it
   b. Use the Volume + and – to highlight package CFE_ATLAS_02-13-15.00-ON-U11-STD.zip and press the Power Key to select it.
   c. Go to Step 10 once above steps are completed

9. With your Command Prompt open in the Host machine, type *"adb sideload"* command and add a space and then drag and drop the CFE_ATLAS_02-13-15.00-ON-U11-STD.zip file on to it and click enter.

   a. Your PC screen will show files being installed and a little blue horizontal progress bar on your device will show status… and after about 6~ minutes (could be 10+ minutes if installing GMS) it should be done and you should be back at the Android Recovery screen.

10. *"Reboot system now"* is highlighted. Press the Power Key to Reboot.

11. At the Home Screen, we need to verify that the BSP upgrade took place and set the Date & Time.
    a. Go to "Settings" and scroll down to "About phone" and look at the "Build number". It should start with **"02-13-15.00-ON-U11-STD release keys"**. Now you are on the correct BSP.

12. Now you are all set to use your VC80x

Device Compatibility

This software release has been approved for use on the following devices.

USA	
Warehouse AOSP	VC80X-10SSRAABBA-U
Freezer AOSP	VC80X-10FSRAABBA-U
Outdoor AOSP	VC80X-10SORAABBA-U
Rest of the World	
Warehouse AOSP	VC80X-10SSRAABBA-I
Freezer AOSP	VC80X-10FSRAABBA-I
Outdoor AOSP	VC80X-10SORAABBA-I
India	
Warehouse AOSP India	VC80X-10SSRAABBA-IN
Outdoor AOSP India	VC80X-10SORAABBA-IN

Known Issues and Limitations

1. Velocity application stops if user use the Android Recent button to close Velocity app. As a workaround, user can close the application from the velocity application client menu.

2. Unable to perform UI Operation on remote device via Remote Management of Airwatch. VMWare has committed to fix this issue by December 1st week 2018.

Last Revised: <01-08-2019>