

# Release Notes - TC75 Android KK - BSP v001404 - HotFix CFE v02.03 Package

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## Introduction

HotFix CFE (Cumulative Fixes from Engineering) Package contains multiple SPR Hotfixes into a single package. The HotFix CFE Package helps the end users to keep up to date with all the SPR Hotfixes for given product software release / revision.

HotFix CFE packages are validated only by engineering validation team and the package follows Zebra Technologies HotFix Package Policy. Click here to view HotFix Package Policy. [HotFix Support Policy](#)

## Component Description and Version

Component / Description	Version
<b>Product Build Number</b>	01-23257-K-14-04-00-MV(NGMS) 01-23257-K-G-14-04-00-MV(GMS)
<b>Android Version</b>	4.4.3
<b>Linux Kernel</b>	3.4.0
<b>Android SDK Level</b>	19
<b>Bluetooth Stack</b>	BT-1.0.0
<b>Flash Size</b>	4 GB
<b>RAM Size</b>	1 GB
<b>MSP Agent/RD</b>	7.08.85
<b>Scanning Framework</b>	v6.16
<b>CertMgr</b>	v4.2.5
<b>Datawedge</b>	3.1.24
<b>DWDemo</b>	2.0.7
<b>Camera</b>	CAM-FRONT-1.0.0, CAM-REAR-1.0.0
<b>OSX/MXMF</b>	QC_OSX_4.4-3/4.4.3.8
<b>Wi-Fi</b>	FUSION_QA_1.02.0.0.027
<b>PTT</b>	3.1.20
<b>RxLogger</b>	3.0.0.51

<b>MLogManager</b>	MLogManager v06.52
<b>Touch FW</b>	STYLUS-80_GLOVE-105, FW: 1.2.AA
<b>StageNow</b>	2.1.1.1425
<b>B2M Elemez</b>	1.0.0.260
<b>Data Analytics</b>	1.0.1.2107
<b>App Gallery</b>	2.1.2
<b>EMDK</b>	3.1.38
<b>ZVC</b>	1.1.8

## **Fixes/Patches Included:**

### **Fixes Included:**

The CFE package CFE-TC75XX-K-XX-001404-X-02-03.zip file includes the following HotFixes:

- SPR29036 - Resolves the issue of Random reboot is being observed during staging process over LAN.
- SPR29202 - Resolves the issue in Add support for disabling the quick settings in the Status Bar.
- SPR29200 - Added Support for Wideband Bluetooth.
- SPR29099 - Resolves the issue of showing incorrect SOC after battery swap.
- SPR29009 - Scanner Exception occurs when switching between SOFT and HARD trigger.
- SPR28906 - Enterprise reset fails during processing XML.
- SPR28905 - AppMgr fails to install/uninstall during redeployment test.
- SPR28877 - SerialDEX API Unable to receive data from the remote terminal.
- SPR28854 - PersistMgr fails to install the applications after OSUpdate.
- SPR28513 - Merge changes for the security fixes from September 2015 bulletin.
- SPR28470 - When proxy setting is applied, device is not able to access INTRANET site but able to go to INTERNET sites.
- SPR28244 - VPN does not work when "Always-On" option is enabled.
- SPR29320 - Resolves an issue of Phone dialer crashes when accessing call history menu.
- SPR29618 - Resolves the issue in TC75-key programmer configs are not consistently functional.
- SPR29666 - Resolves the issue in Data connection keep bouncing On and Off Using "Any Connect VPN" over AT&T.
- SPR29256 - Resolves the issue of Persist Folder Not Accessible After Factory Reset and commissioning process.

- SPR29030 - Resolves the issue of key-config.xml when deploying into device over the air.
- SPR29432 - Resolves an issue wherein NFC write command with ISO 15693 card not reliable.
- SPR29797 - Resolves the issue of Battery Swap activity is crashing on both activate and deactivate.
- SPR29628 - Resolves the issue PersistMgr throws an exception when recommissioning a device which has previously been mprodigy commissioned on the TC75.
- SPR30085 - Fixed issue wherein Settings application becomes enabled after battery swap.
- SPR29700 - Resolved issue wherein the DHCP Option 119 is not working.
- SPR30140 - Fixed an issue wherein the application installation fails due to FAILED\_UID\_MISMATCH error requiring a data-wipe to overcome this issue.
- SPR30183 - Fixed issue for Unable to use Mobile data when VPN Connection is ON.
- SPR30069 - Resolved issue wherein the GPS position is not accurate.
- SPR29718 - Resolved issue wherein Wireless, 3G and LAN icon seems to be cycling when device is on LAN connection on a single slot cradle.
- SPR29818 - Fixed issue wherein Dex accessory does not work after BLE session.
- SPR30048 - Fixed an issue wherein crash in the binder causing the device to reboot.
- SPR30129 - Fixed issue wherein Appswitch key remapped border and surroundings of original key functionality takes place.
- SPR30493 - Fixed an issue where in the Camera failed to launch after installing the CFE.
- SPR30519 - Fixed an issue where in the list of available Scanners were not getting populated in a EMDK Sample Application if EMDK runtime was updated prior to installing CFEv00.03

**Note:** To enable fix for **SPR29818** user needs to create a file name as "dx30patch"(case sensitive) at "enterprise/usr" in the device and reboot.

### ***Patches Included:***

- Android Security Patch upto July 2016 (Included Quadroot Fix)

**Note :** This HotFix CFE Package CFE-TC75XX-K-XX-001404-X-02-03.zip file is applicable for GMS and Non-GMS. Based on the Device Configuration the appropriate files will be copied while installation.

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This HotFix CFE package **CFE-TC75XX-K-XX-001404-X-02-03.zip** obsoletes the following HotFix CFE:

HotFix CFE version	Product

CFE-TC75XX-K-XX-001404-X-00-03.zip	TC75
CFE_TC75_KK_001404_EN_V022000.zip	

**Note:** Latest CFE package include previous and new SPR Hotfix.

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## Package Details

CFE-TC75XX-K-XX-001404-X-02-03.zip

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## Device Compatibility

This HotFix CFE Package software release has been approved for use with the following Zebra devices.

Device	Operating System	BSP Version
TC75	Android KK Version 4.4.3	v001404

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## Installation Requirements

This SW is intended for the TC75 device.(GMS and Non-GMS)

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## Installation Instructions

1. Connect the USB cable from your PC to the device and enable USB mass storage mode on the device.
2. On your PC you should see an TC75 Internal Storage appearing in the File Explorer. copy the CFE-TC75XX-K-XX-001404-X-02-03.zip file on storage
3. Hold the “Power Key” until “Reset” option appears and then release
4. Tap “Reset” and then immediately hold the “PTT Key” until recovery mode is initiated.
5. Once on the Recovery Screen, scroll down using “Volume Keys” +/- to the location where you copied the files and press the “PTT Key”
6. Scroll down using “Volume Keys” +/- and select the CFE-TC75XX-K-XX-001404-X-02-03.zip with the “PTT Key”

7. Click on Vol+ or Vol- to navigate to 'reboot system now' and Click on PTT key to reboot the device.
  8. There are two ways to Check the Android Patch Level after install the CFE package in the device.
    - Settings->About Device-> Zebra Patch Version.
    - Run “getprop persist.sys.cfe.patchver” command in ADB Shell.
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## Release Date

November, 2016

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