
Release Notes - TC70 Android KK - BSP v001504 - HotFix CFE v00.03 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
Product Build Number	01-23257-K-15-04-00-MV release-keys(NGMS) 01-23257-K-G-15-04-00-MV release-Keys(GMS)
Android Version	4.4.3
Linux Kernel	3.4.0
Android SDK Level	19
Bluetooth Stack	BT-1.0.0
Flash Size	4 GB
RAM Size	4 GB
MSP Agent/RD	7.08.85
Scanning Framework	v6.16
CertMgr	v4.2.5
Datawedge	3.1.24
DWDemo	2.0.7
Camera	CAM-FRONT-1.0.0, CAM-REAR-1.0.0
OSX/MXMF	QC_OSX_4.4-3/4.4.3.8
Wi-Fi	FUSION_QA_1.02.0.0.027
PTT	3.1.20
RxLogger	3.0.0.51

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

Fixes/Patches Included:

Fixes Included:

The CFE package **CFE-TC70XX-K-XX-001504-X-00-03.zip** file includes the following HotFixes:

SPR29039/28470 - When proxy setting is applied, device is not able to access INTRANET site but able to go to INTERNET sites.

SPR29202 - Add support for disabling the quick settings in the Status Bar.

SPR29036 - Random reboot is being observed during staging process over LAN.

SPR29009 - Scanner Exception occurs when switching between SOFT and HARD trigger.

SPR29200 - Support for Wideband Bluetooth.

SPR28905 - AppMgr fails to install/uninstall during redeployment test.

SPR28906 - Enterprise reset fails during processing XML.

SPR28877 - SerialDEX API Unable to receive data from the remote terminal.

SPR28854 - PersistMgr fails to install the applications after OSUpdate.

SPR28851 - Device is missing support for multiple languages.

SPR29432 - NFC write command with ISO 15693 Texas Instrument card not reliable.

SPR28513 - Security fixes from September 2015 bulletin.

SPR29788 - Resolved the issue in wildcard feature for the proxy exclusion.

SPR29048 - Resolved issue in NPObject deleted error while using iframes in the html page.

SPR29320 - Resolved issue wherein the Phone dialer crashes while accessing call history menu.

SPR29618 - Resolved issue wherein the key programmer configs are not consistently functional.

SPR29666 - Resolved issue of Data connection keep bouncing On and Off by "Any Connect VPN".

SPR29256 - Resolved issue the Persist Folder Not Accessible After Factory Reset and commissioning process.

SPR29030 - Resolved issue when deploying key-config.xml is not consumed on first try into device.

SPR29628 - Resolved issue the PersistMgr not able to apply persist profiles due to folder permissions change after reset

SPR29700 - Resolved issue wherein the DHCP Option 119 is not working.

SPR30048 - Fixed an issue wherein crash in the binder causing the device to reboot.

SPR30140 - Fixed an issue wherein the application installation fails due to FAILED_UID_MISMATCH error requiring a data-wipe to overcome this issue.

SPR29718 - Resolved issue wherein Wireless, 3G and LAN icon seems to be cycling when device is on LAN connection on a single slot cradle.

SPR30129 - Fixed issue in Appswitch key remapped still border and surroundings of oval key have original functionality.

SPR29818 - Fixed issue wherein Dex accessory does not work after BLE session

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 (Inlcuded Quadroot Fix)

Note : This HotFix CFE Package **CFE-TC70XX-K-XX-001504-X-00-03.zip** file is applicable for GMS and Non-GMS. Based on the Device Configuration the appropriate files will be copied while installation.

This HotFix CFE package **CFE-TC70XX-K-XX-001504-X-00-03.zip** obsoletes the following HotFix CFE:

HotFix CFE version	Product
CFE_TC70_KK_001504_EN_V021300.zip	TC70

Note: Latest CFE package includes previous and new SPR HotFixes.

Package Details

CFE-TC70XX-K-XX-001504-X-00-03.zip

Device Compatibility

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

Device	Operating System	BSP Version
TC70	Android KK Version 4.4.3	v001504

Installation Requirements

This SW is intended for the TC70 device (GMS and Non-GMS)

Installation Instructions

1. Connect the USB cable from your PC to the device.
2. On your PC you should see REMOVABLE DISK appearing in the File Explorer. copy the **CFE-TC70XX-K-XX-001504-X-00-03.zip** file on storage.
3. Long press power button and select reset option.
4. Keep holding down Trigger button after selecting reset option.
5. Wait till the device boot into recovery mode. Do not release the PTT button.
6. Click on Vol+ or Vol- to navigate and select appropriated storage. Release the PTT button.
7. Click on on PTT Trigger to select the option.
8. Click on Vol+ or Vol- to navigate to the **CFE-TC70XX-K-XX-001504-X-00-03.zip** file.
9. Click on on PTT Trigger to select the **CFE-TC70XX-K-XX-001504-X-00-03.zip** file.
10. Click on Vol+ or Vol- to navigate to 'reboot system now' and Click on PTT key to reboot the device.
11. 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.

Release Date

September, 2016
