



# VC70N0 OPERATING SYSTEM BSP V04.54.02 - HOTFIX CFE V01.01.00 RELEASE NOTES

## INTRODUCTION

HotFix CFE (Cumulative Fixes from Engineering) Package includes multiple SPR Hotfixes contained 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.

## DESCRIPTION

The content and related Hot fixes that are included in this HotFix CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_WB.cab/CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_NB.cab is as follows.

SPR No	Synopsis
27748	<p>VC70 Memory Leak Issue in the Scanner Module:</p> <p>When a VC70 attempts to scan a barcode using a sample application (Ex: DataWedge) with an external scanner module (Ex: DS3508 scanner) and the external scanner module (Ex: DS3508 scanner) is either physically not connected to VC70 unit OR physically connected to the VC70 unit but loses connection due to USB power reset or unavailability of the COM port, the barcode sampling application (Ex: DataWedge) residing on the VC70 unit tries to connect to the external scanner continuously. In that condition, it has been observed that the memory load grows gradually. The reason for the increase in the memory load is that one of the threads in the scanner driver does not get closed properly when device is not able to connect with the external scanner. As a result a new system thread gets created with every fresh attempt to connect with the scanner. This causes a gradual increase in memory load. To fix this issue, the 'UnifiedScanPDD.dll' of the scanner driver has been modified.</p>



## PACKAGE DETAILS

CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_WB.cab (CFE package with automatic Warm boot)

CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_NB.cab (CFE package without Warm boot)

## DEVICE COMPATIBILITY

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

Device	Operating System	BSP Version
VC70N0	CE 7.0	v04.54.02

## INSTALLATION REQUIREMENTS

The HotFix CFE cab can be deployed to the Mobile device through any one of the below mentioned methods. For installing the cab, the users should have at least one of the below mentioned tools.

- Windows Mobile Device Center (For Windows Desktops)
- SD Cards / Micro SD cards
- MDM Set up

## INSTALLATION INSTRUCTIONS

### For Normal installation of the PATCH:

- Windows Mobile Device Center (For Windows Desktops) Installation Instructions:

1. Copy "CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_WB.cab" file to the Application folder on the device.



2. Deploy the solution by tapping on the "CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_WB.cab" file.

3. After successful deployment of the "CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_WB.cab" file device will do an automatic warm boot.

- SD Cards / Micro SD cards Installation Instructions:

1. Copy "CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_WB.cab" file to the SD card.

2. Deploy the solution by tapping on the "CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_WB.cab"

3. After successful deployment of the "CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_WB.cab" file device will do an automatic warm boot.

**For MSP or REMOTE installation of the PATCH:**

1. Set up MDM (MSP, Soti, Airwatch, etc..) to send "CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_NB.cab" file to the application folder of the device.

2. To deploy the solution, setup in MDM to install the cab file "CFE\_VC70\_CE\_045402\_EN\_v010100\_e\_NB.cab" file.

3. Changes will take effect after a manual reboot of the terminal or if MDM reboots device.

## RELEASE DATE

August 2015