
Release Notes - VC70N0 CE7 Rev G – V07.57.00 - Localization

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Introduction

VC70N0 is a new vehicle forklift computer generation. With the ultra-rugged wireless VC70N0 in your forklifts and other material handling vehicles; your warehouse will achieve a new level of accuracy and productivity. This 802.11a/b/g/n vehicle mount computer provides operators with the real-time information they need to verify every movement of every item as it travels from receiving to shipping. The powerful VC70N0 supports traditional Telnet as well as modern browser-based graphic-rich applications, covering receiving, put-away, replenishment, picking, packing and shipping. You get the flexibility to add the options needed to maximize efficiency — including corded or cordless bar code scanners; glove-friendly, freezerspecified keyboards; and a variety of voice capabilities.

This release contains the SW required to update a VC70N0 CE7.0 device to the 07.57.00 software.

Description

1. Operating System: CE7.0
2. CPU OMAP4430 ES 2.3
3. Boot loader 1.06.00
4. Rapid Deployment 7.08.77
6. Bluetooth: StoneStreetOne: BT Explorer 2.1.1 Build 28342
7. PTT/Team Express v1.1.71.0000

Enhancements

1. Transport Layer Security (TLS) 1.2 is enabled (as part of QFE June2018 Build2883)

2. Fusion Radio SW Version 2.03.0.0.031R
3. Device Diagnostic Tool 2.0.0

SPR fixes

- SPR 28957: Resolved an issue wherein the error messages in the popup dialog box were displayed as English in the localized images.
- SPR 31331/30302: Resolved an issue wherein input panel bar showing twice in Chinese localized images.
- SPR 34700: Resolved an issue wherein some of the local languages WIFI Encryption type is displayed as blank in WIFI profile setup.
- SPR 30280: Resolved an issue where the time syncing feature was not working.
- SPR 28348: Resolved an issue where no default SIP key board was selected in the localized images.
- SPR 34954: Resolved an issue wherein English image was not able to render the international language scripts.
- SPR 34726: Added Support for flash health monitor tool to retrieve flash id details for new 15nm emmc chips.
- SPR 34688: Resolved an issue wherein device unable to connect to localized SSID.
- SPR 35497: Resolved an issue wherein device reportedly exhibiting inconsistent FT roams within a MIST Systems cloud-based wireless environment
- SPR 32569: Resolved an issue wherein device is unable to suspend when Soti agent is installed. When soti agent is installed, and device not suspending then add below registry key into registry.

```
[HKEY_LOCAL_MACHINE\Comm\CXPort]
"NoIdleTimerReset"=dword:00000001
```

Notes

1. To enable IE KIOSK feature reset the below registry keys to 0,
[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Main]
"Task Bar"=dword:00000000
"Status"=dword:00000000
"Command Bar"=dword:00000000
"Animation"=dword:00000000
"Menu Bar"=dword:00000000
"URL"=dword:00000000
2. SPR 24711: RF Apps performance can be improved by setting the below registry key for the specific <Nic Adapter Name> like XWING, SMSC9500, RndisFn, AsyncMac, PPTP, L2TP, PPPOE, LANNDS.
[HKEY_LOCAL_MACHINE\Comm\<Nic Adapter Name>\Parms\Tcpip]
"TcpAckFrequency"=dword:1

3. Below registry needs to be included to get a fix for issue wherein device will not suspend as per battery timeout settings when Soti Agent is installed.

[HKEY_LOCAL_MACHINE\Comm\CXPort]

"NoIdleTimerReset"=dword:00000001

Known Issue: Due to partition table change from RevA to higher versions, when upgrading the VC70 OS from RevA to higher versions, application folder will be cleaned. Even if we flash 70c70BenUP055703.zip (OS Update Package V05.57.03 without Clean Application) application folder will be cleaned.

Contents

VC70c70BcpUP075700.zip	OS update package without clean application - Simplified Chinese
VC70c70BcpUC075700.zip	OS update package with clean application - Simplified Chinese
VC70c70BcpAB075700.APF	Airbeam OS update package without clean application - Simplified Chinese
VC70c70BcpAC075700.APF	Airbeam OS update package with clean application - Simplified Chinese
VC70c70BcpOS075700.hex	OS hex binary image file - Simplified Chinese
VC70c70BctUP075700.zip	OS update package without clean application - Traditional Chinese
VC70c70BctUC075700.zip	OS update package with clean application - Traditional Chinese
VC70c70BctAB075700.APF	Airbeam OS update package without clean application - Traditional Chinese
VC70c70BctAC075700.APF	Airbeam OS update package with clean application - Traditional Chinese
VC70c70BctOS075700.hex	OS hex binary image file - Traditional Chinese
VC70c70BdeUP075700.zip	OS update package without clean application - German
VC70c70BdeUC075700.zip	OS update package with clean application - German
VC70c70BdeAB075700.APF	Airbeam OS update package without clean application - German

VC70c70BdeAC075700.APF	Airbeam OS update package with clean application - German
VC70c70BdeOS075700.hex	OS hex binary image file - German
VC70c70BfrUP075700.zip	OS update package without clean application - French
VC70c70BfrUC075700.zip	OS update package with clean application - French
VC70c70BfrAB075700.APF	Airbeam OS update package without clean application - French
VC70c70BfrAC075700.APF	Airbeam OS update package with clean application - French
VC70c70BfrOS075700.hex	OS hex binary image file - French
VC70c70BitUP075700.zip	OS update package without clean application - Italian
VC70c70BitUC075700.zip	OS update package with clean application - Italian
VC70c70BitAB075700.APF	Airbeam OS update package without clean application - Italian
VC70c70BitAC075700.APF	Airbeam OS update package with clean application - Italian
VC70c70BitOS075700.hex	OS hex binary image file - Italian
VC70c70BjpUP075700.zip	OS update package without clean application - Japanese
VC70c70BjpUC075700.zip	OS update package with clean application - Japanese
VC70c70BjpAB075700.APF	Airbeam OS update package without clean application - Japanese
VC70c70BjpAC075700.APF	Airbeam OS update package with clean application - Japanese
VC70c70BjpOS075700.hex	OS hex binary image file - Japanese
VC70c70BkoUP075700.zip	OS update package without clean application - Korean
VC70c70BkoUC075700.zip	OS update package with clean application - Korean
VC70c70BkoAB075700.APF	Airbeam OS update package without clean application - Korean
VC70c70BkoAC075700.APF	Airbeam OS update package with clean application - Korean
VC70c70BkoOS075700.hex	OS hex binary image file - Korean
VC70c70BsiUP075700.zip	OS update package without clean application - Spanish

VC70c70BsiUC075700.zip	OS update package with clean application - Spanish
VC70c70BsiAB075700.APF	Airbeam OS update package without clean application - Spanish
VC70c70BsiAC075700.APF	Airbeam OS update package with clean application - Spanish
VC70c70BsiOS075700.hex	OS hex binary image file - Spanish

Device Compatibility

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

Device	Operating System
VC70N0	Windows CE7.0

Installation Requirements

VC70N0 device must contain released version of CE7.0 Software.

Installation Instructions

Using OS Update Package:

1. Unzip ZIP file and copy its content (OSUpdate folder) to the \temp folder
2. Place the device to be upgraded on AC power supply. Please do not remove the device from A/C power during update process.
3. Navigate to the \temp\OSUpdate folder and invoke the VC70c70Ben_TEMP shortcut
4. Check the OEM version to confirm OS update done successfully.

OR

1. Unzip ZIP file and copy its content (OSUpdate folder) to the \storage card folder.
2. Place the SD card in the device to be upgraded.
3. Place the device to be upgraded on A/C power supply.
4. Navigate to the \storage card\OSUpdate folder and invoke the 92N0c70Ben_SD shortcut.
5. The update will take about 3-4 minutes to complete. Please do not remove the device from A/C power during this time.

Note: Due to memory constraint issue with CT/CP localized images (on 512MB SKUs only), while updating the device, the installation might abort with message “ERROR ALLOCATING <xxxxxx> bytes”.

During that scenario, we need to follow either one of the 2 workarounds listed below.

1. Reboot the device & start updating the device
2. Go to “control panel”->system -> memory tab & increase the program memory to 127000KB or more before starting the update process.

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VC70c70BcpUP075700.zip
VC70c70BcpUC075700.zip
VC70c70BcpAB075700.APF
VC70c70BcpAC075700.APF
VC70c70BcpOS075700.hex
VC70c70BctUP075700.zip
VC70c70BctUC075700.zip
VC70c70BctAB075700.APF
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VC70c70BfrAB075700.APF
VC70c70BfrAC075700.APF
VC70c70BfrOS075700.hex
VC70c70BitUP075700.zip
VC70c70BitUC075700.zip
VC70c70BitAB075700.APF
VC70c70BitAC075700.APF
VC70c70BitOS075700.hex
VC70c70BjpUP075700.zip
VC70c70BjpUC075700.zip
VC70c70BjpAB075700.APF
VC70c70BjpAC075700.APF
VC70c70BjpOS075700.hex
VC70c70BkoUP075700.zip
VC70c70BkoUC075700.zip

VC70c70BkoAB075700.APF
VC70c70BkoAC075700.APF
VC70c70BkoOS075700.hex
VC70c70BsiUP075700.zip
VC70c70BsiUC075700.zip
VC70c70BsiAB075700.APF
VC70c70BsiAC075700.APF
VC70c70BsiOS075700.hex

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