Release Notes - VC70N0 CE7 Rev F – v06.57.02

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, freezer-specified keyboards; and a variety of voice capabilities.

This release contains the SW required to update a VC70N0 CE7.0 device to the 06.57.02 software.

Description

1. Operating System: CE7.0
2. CPU OMAP4430 ES 2.3 – 1 GHz
3. RAM – 512MB \ 1GB
4. Flash eMMC- 2GB
5. Boot loader 1.06.00
6. Rapid Deployment 7.08.77
7. Bluetooth: StoneStreetOne: BT Explorer 2.1.1 Build 28342
8. PTT/Team Express v1.1.71.0000
9. B2M Client (Elemenz version 1.0.0.381). Can be installed using \Windows\Elemez.cab.
10. Wavelink Telnet v7.3.196

Enhancements

1. QFE Sept2016 Build2871 Update 61
2. Fusion Radio SW Version 2.03.0.0.021R (Radio equipment directive compliant)
3. Datawedge v3.7.20
4. Device Diagnostic Tool 1.3.9
5. Soti client v12.4.0 Build 1049
6. External Agent 02.57

SPR fixes

1. SPR 32557: Resolved an issue wherein VC70 the SIP would not open in the Soti lock down login screen.
2. SPR 31819/SPR 31758: Resolved an issue wherein key press volume was low on first key press.
3. SPR 31278: Resolved an issue wherein "Tap+Hold" with stylus does not perform a right click in remote desktop connection application in Windows CE7.
4. SPR 30676: Resolved an issue wherein Windows Media Player closes abruptly in Playlist Mode.
5. SPR 29193: Resolved an issue where Audio dropout was observed with BT headset.
6. SPR 30681: Resolved an issue wherein Datawedge will not turn to ready state when DS3608 scanner connected to VC70 in SSI mode.
7. SPR 30742: Resolved an issue wherein the device had Bluetooth headset audio stability problem with TekSpeech Pro.
8. SPR 29685: Resolved an issue wherein remote desktop connection bar was scattering when scrolling in the user application.
9. SPR 33042: Added support for function keys (F13 to F24) in USB keyboard driver
10. SPR 30321: Resolved an issue wherein WLAN authentication fails using PEAP/MSCHAPv2 with CA cert when using Fusion client v2.03.0.0.012R on VC70.
11. SPR 31072: Resolved an issue wherein VC70 fails to present proper FT capabilities which prevents fast roaming (802.11r) on the WLAN.
12. SPR 31683: Resolved an issue wherein scanner's scan range drops when scanner parameter is changed in Datawedge
13. SPR 29431: Resolved an issue wherein silent installation of cert is not happening in all CE7.0 devices.
14. SPR 31641: Added Codepage support ISO8859-5 for Russian/Cyrillic
15. SPR 30339: Added support for Slovenia language.
16. SPR 28818: Resolved an issue where device was not switching to max performance state when it is placed in power cradle.

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

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

VC70c70BenUP065702.zip	OS update package without clean application
VC70c70BenUC065702.zip	OS update package with clean application
VC70c70BenAB065702.APF	Airbeam OS update package without clean application
VC70c70BenAC065702.APF	Airbeam OS update package with clean application
VC70c70BenOS065702.hex	OS hex binary image file

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.

Part Number and Release Date

VC70c70BenUP065702
VC70c70BenUC065702
VC70c70BenAB065702
VC70c70BenAC065702
VC70c70BenOS065702

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