VC70N0 OPERATING SYSTEM BSP 04.54.02 REV. D - LOCALIZED RELEASE NOTES

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 Rev D software.

DESCRIPTION

1. Operating System: CE7.0
2. CPU OMAP4430 ES 2.3 – DVT
3. Boot loader 1.06.00
4. Rapid Deployment 7.08.77
5. External Agent 02.54

ENHANCEMENTS

-   Updated Fusion Radio v X_2.02.0.0.016R (This version of Fusion is ETSI compliant) is included.
-   Updated DataWedge v3.7.04 included.
-   Updated PTT Express v1.1.71.0000 is included.
-   BT SS Stack - SS – BT Explorer 2.1.1 Build 28327
-   Added support for Wide Band Bluetooth Audio
-   Added Mobi Control Stage Agent v11.2.0.
-   Updated MSP Client v7.08.77 is included
-   Rebranded Components:
    - Splash Screen
    - App Center V1.10 (Build-2070)
    - Sample Applications
    - Battery Health Application

- eMscript core version v1.3.5 and CaptureDump (v3.1.9)
- Control Panel 4.6.1
- SystemInfo Applet

SPR FIXES

- SPR 24409 - Resolved an issue whereby file system exception occurs when battery is critically low.
- SPR 25113 - Added support for National/Regional Language.
- SPR 24883 / SPR25069 - Resolved an issue whereby the scanner randomly stops sending data over bluetooth COM9 port while scanning.

Notes

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

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

CONTENTS

1   70c70BcpUC045402.zip   OSUpdate Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
2   70c70BcpUP045402.zip   OSUpdate Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
3   70c70BctUC045402.zip   OSUpdate Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
4   70c70BctUP045402.zip   OSUpdate Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
5   70c70BdeUC045402.zip   OSUpdate Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
6   70c70BdeUP045402.zip   OSUpdate Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
7   70c70BfrUC045402.zip   OSUpdate Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
8   70c70BfrUP045402.zip   OSUpdate Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02

9   70c70BitUC045402.zip   OSUpdate Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
10   70c70BitUP045402.zip   OSUpdate Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
11   70c70BjpUC045402.zip   OSUpdate Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
12   70c70BjpUP045402.zip   OSUpdate Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
13   70c70BkoUC045402.zip   OSUpdate Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
14   70c70BkoUP045402.zip   OSUpdate Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
15   70c70BsiUC045402.zip   OSUpdate Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
16   70c70BsiUP045402.zip   OSUpdate Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
17   VC70c70BcpAB045402.APF   AirBeam Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
18   VC70c70BcpAC045402.APF   AirBeam Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
19   VC70c70BctAB045402.APF   AirBeam Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
20   VC70c70BctAC045402.APF   AirBeam Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
21   VC70c70BdeAB045402.APF   AirBeam Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
22   VC70c70BdeAC045402.APF   AirBeam Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
23   VC70c70BfrAB045402.APF   AirBeam Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
24   VC70c70BfrAC045402.APF   AirBeam Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
25   VC70c70BitAB045402.APF   AirBeam Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
26   VC70c70BitAC045402.APF   AirBeam Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
27   VC70c70BjpAB045402.APF   AirBeam Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
28   VC70c70BjpAC045402.APF   AirBeam Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
29   VC70c70BkoAB045402.APF   AirBeam Package without Clean Application binary to Restore Application Partition during upgrade. v04.54.02
30   VC70c70BkoAC045402.APF   AirBeam Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02
31   VC70c70BsiAB045402.APF   AirBeam Package without Clean Application

binary to Restore Application Partition during upgrade. v04.54.02
32   VC70c70BsiAC045402.APF   AirBeam Package with Clean Application binary to Restore Application Partition during upgrade. v04.54.02

DEVICE COMPATIBILITY

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

Device	Operating System
VC70N0	Windows CE7.0

INSTALLATION REQUIREMENTS

VC70N0 device must contain released version of CE7.0 Software

INSTALLATION INSTRUCTIONS

(See instructions in Product Reference Guide Revision D)

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 VC70c70Bxx_TEMP shortcut
4. Check the OEM version to confirm OS update done successfully.

Using SD Card:
1. Unzip ZIP file and copy all content of SD_Card folder to the root of micro SD Card.
2. Insert the micro SD card into the device to be updated.
3. Place the device to be upgraded on AC power supply. Please do not remove the device from A/C power during update process.
4. Cold boot the device (by pressing P1, P3 and Power Button on device). Once device starts re-booting, immidiately press Brightness Key (the key above Power key) to go to installation menu.
5. The new menu will have "Download from SD card" highlighted. Press P3 Key.
6. Another Menu will appear. Use the cursor down key (P2) to select the file "AllLoad.mcf". Press the P3 Key to start OSupdate.

7. The device will flash all the OS components and reboot. This operation will take approximately 5 minutes to complete.
8. Check the OEM version to confirm OS update done successfully.

Important note: The update will take about 5 minutes to complete. Please do not remove the device from A/C power during this time.

PART NUMBER AND RELEASE DATE

70c70BcpUC045402

70c70BcpUP045402

70c70BctUC045402

70c70BctUP045402

70c70BdeUC045402

70c70BdeUP045402

70c70BfrUC045402

70c70BfrUP045402

70c70BitUC045402

70c70BitUP045402

70c70BjpUC045402

70c70BjpUP045402

70c70BkoUC045402

70c70BkoUP045402

70c70BsiUC045402

70c70BsiUP045402

VC70c70BcpAB045402

VC70c70BcpAC045402

VC70c70BctAB045402

VC70c70BctAC045402

VC70c70BdeAB045402

VC70c70BdeAC045402

VC70c70BfrAB045402

VC70c70BfrAC045402

VC70c70BitAB045402

VC70c70BitAC045402

VC70c70BjpAB045402

VC70c70BjpAC045402

VC70c70BkoAB045402

VC70c70BkoAC045402

VC70c70BsiAB045402

VC70c70BsiAC045402

March 23, 2015