MC9200 OPERATING SYSTEM BSP 03.54.02 - UPDATE LOADER IMAGE RELEASE NOTES

INTRODUCTION

The MC92N0G is Symbol's Premium industrial rugged handheld for in-premise scan intensive applications and is the next evolution of the MC9190G product – the best selling rugged mobile computer in the industry designed for such markets as retail, manufacturing, wholesale distribution and third party logistics where intensive barcode scanning takes place. The MC92N0G is a true systems level mobility solution, not just a mobile computer. The solution encompasses not only the new MC92N0G itself, but also software tools, accessories/peripherals and mobility services to provide a true end-to-end solution.

Update Loader Image 03.54.02 contains the SW required to update a MC92N0-G Premium device to the Rev C software.

DESCRIPTION

1. Operating System: WM 6.5.3 AKU_29326

2. CPU Speed OMAP4430 ES2.3 - 1 GHz

3. Flash eMMC- 2GB

4. RAM - SDRAM - LPDDR2 1GB.

5. Fusion Radio SW suite X_2.02.0.0.016R , ROW4

6. External Agent v2.54

7. Bluetooth: StoneStreetOne: BT Explorer 2.1.1 Build 28327

8. IST FW 1.13.0

9. PTT/Team Express v1.1.71.0000

General Enhancement in 04.57.04
1. Integrated SOTI client in the image

2. Updated MSP Client v7.08.77 is included

3. Rebranded components

- Splash Screen

- Battery Health Application

- eMScript core version v1.3.5 and CaptureDump (v3.1.9) .

- Control Panel 4.6.1

- System Information

SPR Fixes

1. SPR 26645: Resolved an issue where UPCA barcodes could not be scanned following a battery swap and suspend/resume

2. SPR 25886: Resolved an issue where the "Display Off" setting in IST was not persistent across reboots

3. SPR 25390: Resolved an issue where the keyboard trigger and handle trigger were not distinguishable using 53 keys keyboards.

4. SPR 25230: Resolved an issue whereby VT Keypad does not function identically to 53 keypad while not using emulation software.

5. SPR 26579: Added support to make the shift key work as a 3-state key (unshifted, shifted, shift locked).

6. SPR 25677: Resolved an issue whereby a white bar was seen through RDP

7. SPR 26821: Resolved an issue whereby a high pitch sound was heard while tapping on the screen.

8. SPR 26652: Removed the ability to control key light intensity

9. SPR 24409: Resolved an issue whereby exception occurs when battery is critically low.

10. SPR 25790: Resolved an issue whereby device was not suspending when conneted to SOTI server.

Notes
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- 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*
- SPR27108 : Wide Band Audio Support is disabled by default when StoneStreet BT stack is enabled.
  To enable, Wide Band Audio (WBA), please set the following registry settings.
- *[HKEY_LOCAL_MACHINE\Software\Stonestreet One\BTExplorer\Device Settings]* "HandsFreeWideBandSpeechSupported"=dword:1 "HandsFreeAlwaysRouteAudioMode"=dword:1

CONTENTS

92N0w65LenUL035402.zip	OSUpdate Package without Clean Application binary to Restore Application Partition during upgrade
92N0w65LenUC035402.zip	OSUpdate Package with Clean Application binary to Restore Application Partition during upgrade
92N0w65LenAB035402.apf	AirBeam Package without Clean Application binary to Restore Application Partition during upgrade
92N0w65LenAC035402.apf	AirBeam Package with Clean Application binary to Restore Application Partition during upgrade

DEVICE COMPATIBILITY

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

Device	Operating System
MC92N0	Windows Mobile 6.5 Classic

INSTALLATION REQUIREMENTS

MC92N0 device must contain released version of WM6.5 Software.

INSTALLATION INSTRUCTIONS

1. Unzip the Update Loader Package (i.e 92N0w65LenUL035402.zip/92N0w65LenUC035402.zip) and copy its content 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 folder and invoke the StartUpdLdr.exe.
5. The update will take about 3-4 minutes to complete. Please do not remove the device from A/C power during this time.

   OR

1. Unzip the Update Loader Package (i.e 92N0w65LenUL035402.zip/92N0w65LenUC035402.zip) and copy its content to the \Temp folder.
2. Place the device to be upgraded on A/C power supply.
3. Navigate to the \Temp folder and invoke the StartUpdLdr.exe.
4. 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

92N0w65LenUL035402
92N0w65LenUC035402
92N0w65LenAB035402
92N0w65LenAC035402

March 13th 2015