Release Notes - MC95X6 BSP v07.47.15 - WEHH 6.5 Professional

Introduction

The Symbol MC9500-K raises the bar for premier rugged mobile computing, incorporating breakthrough ergonomic design and features to support the most demanding field mobility applications. Truly in a class of its own, this groundbreaking device is as different on the inside as it is on the outside. Building on Symbol's signature MC9000 Series, the MC9500-K delivers a more rugged design, more data capture options, true WAN technology independence and application flexibility through customer-swappable WAN subsystems and keypads, more processing power and a game-changing approach to battery and backroom management - all in a lighter, sleeker and easier-to-use form factor.

MC95X6 BSP 07.47.15 SW release is based on the latest Microsoft Windows Embedded Handheld 6.5 Operating System and offers an enhanced user experience both in look and feel. This release supports 95X6 device with CMI display panels. It also supports Toshiba 1GB Nand Flash and the skus of the new extended memory sku which has 256MB RAM/1G flash as RevC release.

Update Loader Image 07.47.15 contains the SW required to update an MC95X6 GSM Phone device to the Rev G software release.

This software is intended to be loaded and run on the MC95X6 GSM Phone devices. It is important that care be taken to match the device configuration with the appropriate Update Loader package. If an incorrect Update Loader package is loaded, the device may fail to operate properly or even fail to boot.

Description

1. Microsoft - Windows Embedded Hand held - AKU 29344
2. DataWedge - Verison 3.7.10
3. BlueTooth Stone Street stack - Version 2.1.1 Build 28375

General Enhancements in 07.47.15

- Fusion - Version v3.00.2.0.041R

SPR Fixes:

- SPR 21415 - Resolved an issue wherein ALT key state does not reset when ALT is pressed twice. SetKeyState function cannot set CAPSLOCK state
- SPR 28870 - Resolved an issue where the \Application or Persistent Store (files and registry) partitions would be reformatted unexpectedly.
- SPR 28072 - Resolved an issue wherein calling RCM_GetSmartBatteryStatus() returns an error when used on the MC95 with EMDK2.9
- SPR 28778 - New pixdll and all scanner/imager/camera updated
- SPR 28129 - Resolved an issue wherein devices in the field on cradle could not be reached via remote control or ping. Showed IP address but had a bunch of association entries during time we could not reach them
- SPR 25317 - Resolved a condition where the WiFi adapter can continue to reset following a connection to WiFi
- SPR 26402 - Resolved an issue wherein device WiFi adapter Keep resetting after connecting to WiFi and place in cradle
- SPR 28401 - Resolved an issue wherein device's WiFi doesn't reconnect to AP after resume.
- SPR 23692 - Resolved an issue wherein WiFi radio is unavailable when resuming after several suspends.

Known Issues:

- Default Team Express Private call key is not mapped to any key. User must configure the key before starting the session

Known issues in the Windows Mobile Products:

- By default Input panel applet is not displayed in Start->Settings->Personal page due to a known issue from Microsoft wherein the user will not be able to close the Input panel applet.

As a workaround if enabled, the applet can be closed using the "OK" button on the hard keyboard.

Remove the below registry entry and reboot, to display the "Input" applet under Settings\Personal page.

"Redirect"=""

which is present in the following section:

[HKEY_LOCAL_MACHINE\ControlPanel\Input]

Contents

95x6w65HenUL074715.zip	UpdateLoader Package without Clean Application.
95x6w65HenUC074715.zip	UpdateLoader Package with Clean Application.
95x6w65HenAB074715.APF	AirBeam Package without Clean Application.
95x6w65HenAC074715.APF	AirBeam Package with Clean Application.

Device Compatibility

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

Device	Operating System
MC95x6	Windows Mobile 6.5 Classic

Installation Requirements

MC95X6 device must contain a released version of WM6.5 Software.

Installation Instructions

IMPORTANT NOTES FOR Upgrading and Downgrading MC959x Device to/from BSP47 (v074715) RevG

Upgrading to **v07.47.15 RevG SW:**

- If your device is running BSP27 (v2.27.08) / BSP37 (v3.37.02)/BSP41 (v4.41.03)/BSP41 (v4.41.04)/BSP47 (v5.47.02)/ BSP47 (v06.47.12)   Windows Mobile 6.5, you can simply use the BSP47 (RevG SW v07.47.15) Update Loader package to update from BSP27/BSP35/BSP41 to BSP47 (v07.47.15).

- If your device is running BSP19 (v1.19.11), you must first update your device to the released version of BSP27 (v2.27.08). Once the device is running BSP27, you can then perform the update to BSP47 (v07.47.15).

Note: MC959x v07.47.15 RevG SW doesn't support device with 128MB RAM. You can't upgrade to v07.47.15 RevG on this device. If you try to upgrade to v07.47.15 RevG on device with 128 RAM, it will show appropriate message and return.

Downgrading to **BSP47v05.47.02/ BSP41.04/BSP41.03/BSP37/BSP27/BSP19:**

- If your device is having CPLD 5.02 then it is an Old Main Board device having CMI display. This device is not allowed to downgrade to 04.41.03 or earlier Image.

  (Go to System Info Applet on the device to find the CPLD Version*: Start->Settings->System->"System Info" Applet->"HW Version". For OLD Main Board CPLD ver:5.02)*

- If your device was manufactured before Dec 1,2012 and your device has 256MB RAM/LG Display, you are only permitted to downgrade to BSP47(v5.47.02), BSP41(v4.41.04,4.41.03)/BSP37(v3.37.02)/BSP27(v2.27.08)

  (Go to System Info Applet on the device to find the RAM size: Start->Settings->System->"System Info" Applet->"Misc" Page)

  (Go to System Info Applet on the device to find the Display Id: Start->Settings->System->"System Info" Applet->"Display" Page. For CMI->PJ037PD,For LG->LH370V01).

- If your device was manufactured on or after Dec 1,2012 and your device has CMI Display, you WOULD NOT be able to Downgrade to BSP37(v3.37.02) / BSP27 (v2.27.08) / BSP19 (1.19.11).

  (DO NOT Downgrade MC95xx devices built on or after Dec 2012 with the new CMI display to BSP37 (v3.37.02), BSP27 (v2.27.08), BSP19 (1.19.11) since these BSPs do not have support for CMI display).

  (Go to System Info Applet on the device to find the Display Id: Start->Settings->System->"System Info" Applet->"Display" Page. For CMI->PJ037PD, For LG->LH370V01).

- If your device has 128MB RAM and running with BSP47 (v06.47.12), you are permitted to downgrade to BSP47(v5.47.02), BSP41(v4.41.04,4.41.03)/BSP37(v3.37.02), BSP27 (v2.27.08) and BSP19 (v1.19.11). However, if you want to downgrade to BSP19 (v1.19.11), you must first downgrade to BSP27 (v2.27.08) before performing the downgrade to BSP19 (v1.19.11).

  (Go to System Info Applet on the device to find the RAM size: Start->Settings->System->"System Info" Applet->"Misc" Page)

Part Number and Release Date

95x6w65HenUL074715.zip
95x6w65HenUC074715.zip
95x6w65HenAB074715.APF
95x6w65HenAC074715.APF

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