
Release Notes – MC319Z software v 2.2.5101 and WEH 6.5 BSP 4.41.03

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Introduction

The Release Notes document lists new features, specific usage instructions and known issues pertaining to this specific release.

This software update contains two components intended specifically for the MC319Z RFID reader.

1. Windows Embedded Handheld 6.5 OS BSP version 4.41.03
2. RFID CAB installer version 2.2.5101

Description

The following description contains the important changes included in these components. For a comprehensive list and explanation of all the OS related changes involved in the BSPs listed below, please refer the MC3100 series web-posting for the appropriate BSP versions.

1. RFID Cab file component

- This software release for RFID is compliant to ETSI EN 302-208 standard version 1.4.1.
- On MC319Z EU devices, that are compliant to EN 302-208, higher transmit powers are allowed with this software. The maximum transmit power has been increased from 25.9 dBm (in earlier software versions) to 30 dBm.

2. OS Components change (SUMMARY)

Changes relating to Windows Embedded Handheld 6.5 BSP-41

Common release notes

- The OS version for MC319Z devices included in this release is 4.41.03.
- Salient features of release notes for Windows Embedded Handheld 6.5 build BSP-41.1
- Microsoft AKU 29040.5.3.12
- Wireless Fusion version V3.00.2.0.019R
- Audio Registry changes to have general / default audio settings and to prevent overriding of speaker.
- SPR 19650 fix : Incorrect Smart Battery part number reported via EMDK API.
- SPR 19313 fix : Registry key to prevent SD card from un-mounting when replacing battery does not work.
- SPR 19345 fix : Application launched with 'startup.exe' gets closed as soon as it launches.
- SPR 18796 fix : DUT failed to scan barcodes with 50 characters

MC3190 related changes

- SPR 19352 : Shift key supports only two states now
- SPR 20373 : After the clean boot airbeam folder is not created in \Application folder

Changes relating to Windows Mobile 6.5 BSP-37

Common release notes

- Microsoft AKU 23137 5.3.9
- Added support for Toshiba and Micron M60 flash memory
- Wireless Fusion version v3.00.2.0.006R
- SPR 18183 fix : Device clean-booting in the field without having clean-boot files on the terminal.
- SPR 19313 fix : Added new Reg key "NoRemoveOnBattFault" to prevent remounting for battery fault. Force eject/reinsert card only if battery fault has occurred and the registry key "NoRemoveOnBattFault" is not set
- Disabled IST auto orientation during Touch calibration and restored IST settings.
- SPR 18852 fix : Programmatically setting Caps Lock does not work

- Adding RCM support for querying flash vendor in GetConfigurationData
 - The flash vendor information can be obtained with CONFIG_TYPE_FLASHVENDOR. Refer to RcmDef.h for the definitions of the ConfigData values
 - When RCM_GetConfigurationData function is called with dwConfig type set as CONFIG_TYPE_BEHAVIOR, lpdwConfigData will be filled with the following data.
 - 0 – MICRON M50
 - 1 – NUMONYX
 - 2 – TOSHIBA
 - 3 – MICRON M60
 - CONFIG_TYPE_FLASHVENDOR is supported for the following devices MC75AX, MC959X, MC31XX from WM BSP36/CE BSP26.
 - This API has not been documented in EMDK. This API is only for internal purposes.
- SPR 16570 fix : MC75 BSP21 – AUDIOEX_GetGain and AUDIOEX_SetGain do not work to get and set audio gain properly.
- SPR 18942 fix : The registries to configure the IST functionality are not effective after cold boot.
 - MC3190 related changes*
 - SPR 18794 fix : Required a way to disable Function key lock mode.
 - To enable Function key lock, the following registry key should be unset.
 - ; Enable Func Key lock
 - [HKEY_LOCAL_MACHINE\HARDWARE\DEVICEMAP\KEYBD]
 - “FuncLockState”=dword:00000000
 - SPR 18523 fix :Unable to initialize Hayes modem connection.
 - When both alpha mode and shift are sticky it is expected to see orange icon with a solid arrow. Instead orange icon with not solid arrow appears while the functionality is working properly.

Contents

1. Update loader image for WEH 6.5 BSP 41 : 319Zw65MenUL744103.zip
2. RFID CAB Installer file : MCRFIDInstall_2.2.5101.CAB

Device Compatibility

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

Device	Operating System
MC319Z	Windows Embedded Handheld 6.5

Installation Requirements

MC3190 device must contain release version of WM6.5 (v02.27.06) or WEH 6.5(v04.41.03) software.

Installation Instructions

For Upgrade

- If the device is running WM 6.5 (v02.27.06) or WM 6.5 (v03.37.00) or WEH 6.5 (v04.41.03), user can use WEH 6.5 (v04.41.04) Update Loader package to update the device.

For Downgrade

- **If device has 256MB RAM, user is permitted to downgrade to BSP27 (v02.27.06) only** (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

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