Release Notes - Windows Mobile 6.1 - Fusion v3.00.2.0.033R

Introduction

Fusion is a suite of software, which allows for WLAN connectivity, configuration, status reporting, and diagnostics. This release is an update for products with Windows Mobile 6.1.

Description

This release corrects the following issues

- SPR 25158 – Radio resets intermittently during boot causing incomplete initialization of the supplicant and resulting in authentication failure.
- SPR 25218 – Abrupt system time change results in continuous EAPOL loop.
- SPR 24330 –Memory leak is observed when creating multiple wireless LAN instances through EMDK .NET.
- SPR 24721 - Supplicant crashes occasionally after receiving M1 from the authenticator.
- SPR 23227 – Fusion logs are displaying unprintable characters while printing friendly names of the API's.
- SPR 23318 - Radio occasionally does not send packets after receiving deauth from the Access Point.
- SPR 24127 - Radio intermittently does not initiate authentication while connecting to a profile on resume if the profile is applied through Wavelink Enabler.
- SPR 24125 - Supplicant sometimes triggers EAPOL Start request every 10 seconds.
- SPR 24124 - RDP session locks up after several roams.
- WLAN profile does not connect for some time when the terminal is suspended & resumed in good/fair signal.

UAPSD is disabled by default. This can be modified by changing the registry values in the \Application\UAPSD_Jedi.reg file of the device and then merging this registry file. The device needs to be warm booted after merging the file.

Current release supports the following languages based on the localization version of Windows Mobile 6.1 used.

- French
- German
- Italian
- Spanish

This Fusion version contains the following module versions:

WC Config Editor	3.00.2.0.21
WC Diagnostics	3.00.2.0.10
WC Status	3.00.2.0.20
CertManage	3.00.2.0.15
WC Launch	3.00.2.0.9
PacStore Service	3.00.2.0.1
Fusion Public API	3.00.2.0.4
WCSAPI	3.00.2.0.2
WCSRV	3.00.2.0.28
LoginService	3.00.2.0.10
Jedi 1.0	3.00.2.0.24

Device Compatibility

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

Device	Operating System	OEM Version	Fusion Version
MC55	Windows Mobile 6.1	02.35.01	3.00.2.0.008R or package

			release of 3.00.1.0.003B
MC75	Windows Mobile 6.1	02.35.02	3.00.2.0.008R or package release of 3.00.1.0.003B
MC95	Windows Mobile 6.1	01.19.11 01.19.12 04.19.46	3.00.2.0.008R or package release of 3.00.1.0.003B
MC31xx	Windows Mobile 6.1	01.19.08	3.00.2.0.008R or package release of 3.00.1.0.003B
VC60xx	Windows Mobile 6.1	08.35.0000	3.00.2.0.008R or package release of 3.00.1.0.003B

Known Issues

If this release of Fusion is installed on the default Fusion version, which is part of the BSP for Windows Mobile 6.1, Fusion menu will pop-up automatically after a reboot. To avoid this, 3.00.2.0.008R or package release of 3.00.1.0.003B has to be installed prior to the installation of the current release.

Installation Instructions

NOTE: Prior to installation, ensure that you are currently running an approved version of the Operating System from the table above. Otherwise, visit http://support.symbol.com and load the correct DCP for your product.

Manual Installation:

1. Copy "Fusion_3.00.2.0.033R_WM61.ARM.CAB" onto the device using Active Sync.
2. Double click the "Fusion_3.00.2.0.033R_WM61.ARM.CAB" to extract it.
3. Press OK on the File Dialog and follow on screen instructions to complete installation.
4. This cab installer will warm boot the device automatically to complete the installation.

Airbeam /Automated Installation:

1. Create an Airbeam package that will install "Fusion_3.00.2.0.033R_WM61_no_reboot.ARM.CAB".
2. The Airbeam package must Warm Boot the device after installation.
3. Use Airbeam Client to install.

Version History

Fusion 3.00.2.0.033R, April 2014
Bugs Fixed:

- SPR 25158 – Radio resets intermittently during boot causing incomplete initialization of the supplicant and resulting in authentication failure.
- SPR 25218 – Abrupt system time change results in continuous EAPOL loop.
- SPR 24330 –Memory leak is observed when creating multiple wireless LAN instances through EMDK .NET.
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- SPR 24124 - RDP session locks up after several roams.
- WLAN profile does not connect for some time when the terminal is suspended & resumed in good/fair signal.

Fusion 3.00.2.0.025R, July 2012
Bugs Fixed:
- SPR 20750 – When User switches away from the current instance of the Wireless Config editor (WC), then coming back via selecting WC, another instance of the WC is activated. The focus on the 1st instance of the WC is lost.
- SPR 22164 – The radio may reset occasionally during operation with 802.1x/AES (WPA2-Enterprise) on Fusion versions 3.00.2.0.019R through 3.00.2.0.023R.
- SPR 22246 - Connecting or disconnecting WAN data connection on GOBI device (MC959B) causes fusion connection to be disrupted until the device re-associates to the AP.
- SPR 21898 - Fusion 3.00.2.0.022R after a cold boot the device does not connect to the network and after a warm boot it connects to the network.
- SPR 22109 - When Team Phone is running with Fusion, and in a call if the device goes out of range, when it comes back in range, it will not re-associate.
- SPR 21140 – Fusion 3.00.2.0.020R disconnects and re-connects repeatedly in ADHOC mode

- SPR 21181 - Fusion wireless logs is blank, when regional settings are set to different region than US.
- SPR 20889 – Large percentage of missed beacons in MC75A at times leading to frequent roam.
    - The fix for SPR 20889 is disabled by default.
    - To enable the fix the following registry needs to be used.
    - [HKEY_LOCAL_MACHINE\Comm\JEDI10_1\Parms]
    - "UseChangeFor5_5"=dword:1

Fusion 3.00.2.0.020R, August 2011
Bugs Fixed:
- SPR 20440 - Key negotiation timeout was experienced on occasion after a cold boot while using WPA/WPA2 security.
- SPR 20363 – WLAN roams frequently in an environment where AP beacons are sent at 11 Mbps (i.e. the lowest basic rate on the AP is set to 11 Mbps).

Fusion 3.00.2.0.008R, January 2011
Bugs Fixed:
- SPR 19748 – FIPS self-integrity test failure on v3.00.2.0.007R.

Fusion 3.00.2.0.007R, November 2010
Enhancements:
- Ability to override user certificate hash in addition to the other network user credentials identity, password and domain.

Part Number and Release Date

Fusion v3.00.2.0.033R
May 16 2014