



3G Watcher Release 1.0.0.1

Release Notes

Revision:	1.0.0.1
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1 General

1.1 Purpose

This document is intended to capture technical changes to the 3G Watcher software release package.

These release notes are NOT intended for the end user.

A new revision of this document will be issued when any of the components of the 3G Watcher product are updated.

1.2 General

The Build number is a Sierra Wireless assigned number that uniquely identifies all external releases of software and firmware. It is not specific to a product or software revision. It is an internal reference only.

1.3 Installing or upgrading 3G Watcher

- If you have a previous version of 3G Watcher you should uninstall it first:
 - o Go to Control Panel and select “Add or Remove Programs”
 - o Select “3G Watcher” and click on “Remove”
- Launch the Watcher installation package (MC87XX_NB_ENU.msi) from located in the software\watcher folder.
- Follow the onscreen installation instructions.
- Please note the following
 - o Watcher does not install the drivers for the MC87xx devices – A DriverInstaller executable is provided separately.
 - o BinUpdater is the tool that can be used for performing firmware downloads.
 - o This version of Watcher will only work with one Sierra Wireless modem at a time (AirCard or Minicard).

This Watcher package also supports the AirCard 8xx and 7xx Wireless Network Cards (PC Cards), and does install the drivers for these modems.

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1.4 Summary of Revision History

Revision	Date	Author	Summary of changes
0.5.0.2	March 17, 2006	Iulian Mocanu, Colin Chow	Build 0809
1.0.0.1	March 24, 2006	Iulian Mocanu, Colin Chow	Build 0816

Changes between this version and the previous one are highlighted in blue.

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2 Revision History

2.1 Build 0817

2.1.1 Software Component Revision Levels

Component		Revision	Compatibility
3G Watcher		1.0.0.1	
SMS Express Client		1.0.0.1	
BinUpdater		1.0.4.3	
3G API		1.0.0.6	

2.1.2 Summary of changes

- Voice
 - o Audio Routing is now active only during a voice call
 - o Stabilized multi-party calls (requires latest Firmware R1_2_16)
 - o Added Fixed Number Phonebook support
 - o Added 'My Numbers' (MSISDN) setup (found under General settings)
 - o Locked SIM / No SIM UI States now allow for emergency number dialling
 - o Missed Calls indicator now cleared when viewing Call History
 - o Added shortcut to dial voicemail when voicemail indicator is lit (voicemail number must be setup in voicemail settings found under Options->Voice. Voicemail settings (Options->Voice) ONLY visible in Watcher only when supported on the SIM)
- SMS
 - o Added SMS Options (Options->Messaging)
 - o (B4834) SMS is moved to the Sent box once the SMS is successfully sent. Draft messages properly saved. SMS is held in the Outbox immediately after the user presses SEND.
 - o (B4835) If an error while sending, SMS remains in Outbox with an error icon.
 - o (B4857) SMS inbox: If more than one new SMS are recvd, duplicates are seen in inbox
 - o (B4842) Inbox fields can now be sorted Bug fixes
- Miscellaneous
 - o Fixed Tri-band issue – default value was not being set properly

2.1.3 Additional Notes

In order to test STK features the following conditions have to be met:

- SIM with STK applications
- The MC8755V firmware requires this feature to be enabled.

The procedure for enabling STK support:

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AT!UNLOCK="A710"
AT!CUSTOM="STKEN",0
AT!CUSTOM="STKUIEN",1
AT!GRESET

Note: If STK is not enabled, it will NOT appear in the "3G Watcher" menu.

2.1.4 Known Issues

- Voice
 - o Missed Calls are not displayed.
 - This is a Qualcomm stack issue.
 - o Redial does not work properly
 - This is also a Qualcomm stack issue.
 - o Keyboard input intermittently does not get recognized by Watcher dial-pad
 - Please ensure Watcher window has focus
- SMS
 - o No SMS indication in main Watcher window
 - o SMS Deleted folder is not used and will be removed
 - o Validity Period (Days, Weeks) setting values displayed are off by 1

2.2 Build 0809

2.2.1 Software Component Revision Levels

Component		Revision	Compatibility
3G Watcher		0.5.0.2	
SMS Express Client		1.0.0.1	
BinUpdater		1.0.4.1	
3G API			

2.2.2 Summary of Changes

- Integrated Audio Volume control (for embedded minicards)
- Added New Indicators for Voicemail, Calls Forwarded, and Missed Calls notifications
- Added TTY Support for legacy AirCard devices.
- Added DTMF and Caller ID configurations
- Added Delete All support for Call History deletion (voice calls/data calls/lifetime byte count)
- Added Connect/Disconnect shortcuts from system tray menu and compact view context menu
- Added Voicemail indicator
- Added Missed Call indicator
- Added Call Forwarded indicator

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- Fixed STK support

2.2.3 Installer changes

Watcher installer differentiates between Minicard and AirCard devices.

This causes:

- Added "Device Not Detected" message for AirCard, "Device Powered Down" for Minicards
- Power Down options now referred to as Turning Radio On/Off

2.2.4 B4812 - Enhancements to Call History and Byte Counters

- Embedded "Lifetime data counter" GUI into the Call History dialog
- Implemented "delete all" for: voice, data, or lifetime history
 - user will be prompted before history is erased
- Added missed calls support; missed calls are retrieved from the modem's phonebook
- Added treenode icons for Call History
- Show Voice history only when Voice is enabled
- Added support for logging RAS sessions
- Properly handle data counter when connection active during: shutdown, suspend/resume.

2.2.5 B4814 - Support connect/disconnect from system tray or compact view

- Added ability to Connect/Disconnect from:
 - o system tray context menu
 - o compact view context menu

2.2.6 B4818 – Quickly closing and launching Watcher may cause problems

- Added "Shutting down..." message/state when shutting down watcher.

2.2.7 B4805 - Warning/error Messages boxes, missing bitmaps

- Added bitmap for Warning/Error msg boxes
- Bitmap filename set via XML configuration
- New bmp for MSI in main install folder: MsgBox.bmp