



# **AirCard Watcher**

## **Release Notes**

### **Build 3974**

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## 1 General

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### 1.1 Purpose

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

These release notes are NOT intended for the end user.

### 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.

### 1.3 Installing or upgrading AirCard Watcher

- If you have a previous version of AirCard Watcher you should uninstall it first:
  - o Go to Control Panel and select “Add or Remove Programs”
  - o Select “Sierra Wireless AirCard Watcher” and click on “Uninstall”
- Launch the Watcher installation package and follow the onscreen installation instructions.

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### 1.4 Summary of Revision History

Date	Build
Nov 7 <sup>th</sup> , 2013	Build 3974
May 17 <sup>th</sup> , 2013	Build 3830
May 3 <sup>rd</sup> , 2013	Build 3792
March 28 <sup>th</sup> , 2013	Build 3769
December 20 <sup>th</sup> , 2012	Build 3682
December 4 <sup>th</sup> , 2012	Build 3638
November 9 <sup>th</sup> , 2012	Build 3588
October 6 <sup>th</sup> , 2012	Build 3560
August 15 <sup>th</sup> , 2012	Build 3550
August 3 <sup>rd</sup> , 2012	Build 3533
June 29 <sup>nd</sup> , 2012	Build 3514
March 02 <sup>nd</sup> , 2012	Build 3375
January 27 <sup>th</sup> , 2011	Build 3355
December 16 <sup>th</sup> , 2011	Build 3331
November 25 <sup>th</sup> , 2011	Build 3285
October 12 <sup>th</sup> , 2011	Build 3253
August 30 <sup>th</sup> , 2011	Build 3211
August 15 <sup>th</sup> , 2011	Build 3191
June 17 <sup>th</sup> , 2011	Build 3092
June 3 <sup>rd</sup> , 2011	Build 3039
April 13 <sup>th</sup> , 2011	Build 2982
March 18 <sup>th</sup> , 2011	Build 2964
December 10, 2010	Build 2838
November 19, 2010	Build 2805

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## 2 Revision History

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### 2.1 Build 3974

#### 2.1.1 Component List

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1309.3
QMI SDK	GobiApi.dll	3.7.1309.4
Card Detect	SwiCardDetectX.dll	11.3.1309.0
MSI Installer	*.msi	6.0.3974

#### 2.1.2 Change Details

- S09935 Watcher now displays carrier and OEM PRI information in the Help->About
- S10187 Watcher now uses Mobile Broadband APIs for Manual Network Selection on Win8
- S06863 Fixed display of LTE-SNR
- S06993 Fixed "Request Failed" message after changing Radio Technology related options
- S06570 Added support for automatic profiles update using defaultprofiles.xml
- S06348 Addressed stuck in "Updating firmware" state when performing firmware image switching
- S08247 Fixed "Searching... Please Wait..." display issue after network scan while in a data session
- S08141 Fixed Watcher data disconnect issue after suspend/resume cycles
- S08747 Disabled connect button when only circuit switched service is available
- S07893 Fixed occasional failure to detect SIM when device is turned on
- S09935 [G5K] Display Carrier and OEM PRI information in Help->About
- S10575 [EM7305] Watcher stuck on "Processing..." when turning on airplane mode if technology preference is in global mode.
- S06467 Fixed occasional crash when performing manual firmware switching.
- S10655 Added support for Prompt-for-password
- S09525 Auto-Connect and Prompt for Password features are now mutually exclusive
- S10542 Fixed occasional Watcher crash when available networks is manually selected and network tab is toggled
- S06408 Improvements to manual network scans
- S09624 Implemented Watcher customization for Toshiba European markets
- S09679 Added "Network Selection Mode" option in Win8
- S08253 Fixed "Fails to register with network" when switching Radio Technology while data connection is in progress
- S08568 Fixed various localization issues
- S08783 Fixed duplicate SPN displayed when attached to 3GPP network

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- S08845 Fixed User Options->Firmware->Network Operator displaying "Processing..." indefinitely when device image switching is disabled
- S08747 Disabled connect button when only circuit switched service is available
- S08353 Fixed occasional blank "User Options ->Network->Radio Technology" field
- S08249 Fixed data connection to 4G while '3G only' is set in Radio Technology
- S08363 Fixed Network > Radio Technology > Duration automatically switches to "Persistent" when trying to change it to "Modem reset"
- S08084 [EM7305] Fixed data connection issue at Watcher start-up
- S11538 [Sprint] Fixed activation issue
- S11402 [Sprint] Rename "Band Region Preference" to "Connection Preference"
- S10248 [Sprint] Fixed automatic firmware switching to the wrong firmware image upon restarting Watcher
- S07148 [Sprint][Verizon][AT&T] Display service provider name according to the running operator firmware
- S06937 [Sprint][Verizon] MSID field under Advanced->RTN page is now being populated by IMSI instead of MIN
- S09417 [Sprint] Fixed "searching.." display indefinitely after radio off / on
- S05337 [Sprint] Added activation state display
- S09100 [Sprint] Added MIP profiles (advanced mode)
- S09339 [Sprint] Added ##data# eHRPD info (advanced mode)
- S09340 [Sprint] Added ##data# LTE info (advanced mode)
- S09504 [Sprint] Added LTE Enable/Disable options (advanced mode)
- S09798 [Sprint] Added LTE UL/DL channel display (advanced mode)
- S09886 [Sprint] Added LTE band display (advanced mode)
- S09430 [Sprint] Added DRC and PN display (advanced mode)
- S09431 [Sprint] Added display of all connected PDNs (advanced mode)
- S09764 [Sprint] Allow user to modify NAI (advanced mode)
- S09614 [Sprint] Increase polling of diagnostic info from 3 seconds to 1 second running operator firmware
- S06822 [Verizon] LP-PLMN can now be selected from the HP-PLMN - Host Side update
- S05464 [Verizon] Implemented Global Mode requirements for manual PLMN selection registration and preserving manual selection
- S05868 [Verizon] Improved Options->Network UI
- S04690 [AT&T] Allow MO SMS to email address over UMTS RAT

### 2.1.3 Supported devices:

- Gobi5K
- Gobi3K
- MC/EM7700
- MC7710
- MC7750

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## **2.2 Build 3830**

### **2.2.1 Component List**

<b>Description</b>	<b>Component</b>	<b>Revision</b>
Watcher Main Application	Watcher.exe	12.0.1305.2
QMI SDK	GobiApi.dll	3.7.1305.0
Card Detect	SwiCardDetectX.dll	11.3.1305.0
MSI Installer	*.msi	6.0.3830

### **2.2.2 Change Details**

- S07148 [Sprint][Verizon][AT&T] Display service provider name according to the running operator firmware
- S06937 [Sprint][Verizon] MSID field under Advanced->RTN page is now being populated by IMSI instead of MIN
- S06822 [Verizon] LP-PLMN can now be selected from the HP-PLMN - Host Side update
- S06863 Fixed display of LTE-SNR
- S06993 Fixed "Request Failed" message after changing Radio Technology related options
- S06570 Added support for automatic profiles update using defaultprofiles.xml
- S06348 Addressed stuck in "Updating firmware" state when performing firmware image switching

### **2.2.3 Supported devices:**

- Gobi5K
- Gobi3K
- MC/EM7700
- MC7710
- MC7750

## **2.3 Build 3792**

### **2.3.1 Component List**

<b>Description</b>	<b>Component</b>	<b>Revision</b>
Watcher Main Application	Watcher.exe	12.0.1303.4
QMI SDK	GobiApi.dll	3.7.1304.5
Card Detect	SwiCardDetectX.dll	11.3.1303.0
MSI Installer	*.msi	6.0.3792

### **2.3.2 Change Details**

- S04671 Localization updates
- S06063 [Verizon] Radio technology selection menu updated
- S06500 [Verizon] Only automatic network selection is allowed when in global mode

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- S06075 [Sprint] Hour glass cursor no longer linger after OMADM session is complete
- S05271 [Sprint] Updated band region and roaming mode options for GSM service
- S04378 Add support for Serving cell ID, SNR, PLMN ID and IMSI in advanced menu
- S06348 Fixed "Updating firmware" scenario if no modem reset after firmware download
- S06467 Fixed occasional crash during manual firmware switch
- S05925 Display "No Service" while registering to VPLMN.
- S06508 Fixed crash and displaying invalid argument when manually selecting network
- S06091 Profiles XML file is now encrypted
- S05470 Fixed message displayed when entering wrong MEP code
- S05793 Fixed remaining PIN unlock counter
- S05889 Display the ICCID in Menu->About->SIM

### 2.3.3 Supported devices:

- MC8355
- MC8305
- MC7700
- MC7710
- MC7750
- MC7330
- MC7355
- MC7305
- MC8805
- EM7700
- EM7330
- EM7355
- EM7305
- EM7655

### 2.3.4 EM8805Known Issues

- Device drivers are not included and must be installed separately

## 2.4 Build 3769

### 2.4.1 Component List

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1303.3
QMI SDK	GobiApi.dll	3.7.1303.3
Card Detect	SwiCardDetectX.dll	11.3.1303.0
MSI Installer	*.msi	6.0.3762



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**2.4.2 Change Details**

- S03643: [Verizon] OTADM button updated to “Install deferred update” when update deferred
- S04748: [Verizon] Create correct default profile
- S04160: [Verizon] Added prompt to switch to Global Mode when no service
- S03869: [Verizon] User notified when OTADM update fails
- S05306: [Verizon] Fixed blank window after rejecting a deferred FOTA update
- S02365: [Verizon] Correct profile info is now displayed after OTADM updates
- S04005: [Verizon][9x15] Added international SMS roaming support
- S05028: [Sprint] Update network provider name when roaming
- S04947: [Sprint] Limit roaming options to "Home Only" and "Automatic"
- S04457: [Sprint] OMADM version 2.54 requirements
- S05058: [Sprint] Added support for canceling NI DC and NI PRL updates
- S04367: [Sprint] Disabled profiles no longer displayed in list
- S04363: [9x15] CDMA home network name correctly displayed on the home screen when registered on 2G/3G
- S05107: [9x15] Enabled auto profile selection
- S04069: [9x15] Enabled GPS support
- S04846: [9x15] CDMA manual network scan improvements
- S04810: [9x15] Connect button no longer available when using invalid SIM
- S05275: [9x15] "unlock" button now in correct state when SIM security enabled
- S05506: [9x15] Hide GPS Fix type when running CDMA firmware
- S05056: Added support for CDMA SMS delivery ACK
- S04312: Save SMS draft messages when entering Airplane mode
- S03803: CDMA SMS with multiple email recipients can now be saved to draft
- S04749: Display correct CDMA SMS size
- S04723: Update connect button state after handoff from 2G to 3G
- S04133: IPv6 address is now displayed correctly in Advanced window
- S04930: Enable auto-connect setting in profile XML
- S05503: Auto connect settings are now properly saved for CDMA devices
- S04497: Added advanced modem information in About window
- S01896: Added high temperature/voltage warnings
- S05117: Added high temperature/voltage warnings to Compact Mode
- S03865: Added CDMA PRL version to Advanced window
- B47009: Fixed issue where “invalid profile” displayed prior to auto connect
- B47061: Fixed issue which prevented profile selection from main window

**2.4.3 Supported devices:**

- MC8355
- MC8305
- MC7700
- MC7710
- MC7750

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- MC7330
- MC7355
- MC7305
- MC8805
- EM7700
- EM7330
- EM7355
- EM7305
- EM7655
- EM8805

### 2.4.4 Known Issues

- Device drivers are not included and must be installed separately

## 2.5 Build 3682

### 2.5.1 Component List

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1212.1
QMI SDK	GobiApi.dll	3.7.1212.0
Card Detect	SwiCardDetectX.dll	11.3.1212.1
MSI Installer	*.msi	6.0.3682

### 2.5.2 Change Details

- B45053: G3K - Activation Wizard should do a CIDC followed by a CIPRL
- B46399: Network -> Radio Tech drop down updates
- B46356: Duplicate profile created when default Profile's DNS is defined
- B45325: Watcher fails to automatically set SIM-matched firmware images
- B46330: 1xRTT is shown as 2G for Sprint on Watcher speed dial.
- SBM 3237 Profile selection not working when provisioned profiles are not sequential
- SBM 3270 Watcher creates additional profiles when changing network setting
- SBM 3117 Blank Profile created when Auto-create default profile on two different carriers
- SBM 2524 GPS tracking not working
- SBM 2246 "Check for FW update" does not initiate deferred Update
- SBM 2674 Add UI support / handling for OTADM Defer Time entry
- SBM 2229 "Firmware update" is launched after an optional download was rejected
- SBM 2629 NI OTADM notification not received in 1xRTT mode
- SBM 2266 Auto Download & Auto update options are not functional
- SBM 3297 OTADM Check For Updates, remove limitation that prevents a check while in a 1x or EVDO data call
- SBM 3310 No GPS icon show
- SBM 3568 No longer exit the app when VerifyValidSwiExe returns false

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- SBM 2673 Check for firmware update is grayed out when device is in 2g or 3g mode

### 2.5.3 Supported devices:

- Gobi 5K
- AC340U/Grady USB Modem
- WP
- AR
- Gobi 3K
- MC7700
- MC7750
- MC7710

### 2.5.4 Known Issues

- Device drivers are not included and must be installed separately

## 2.6 Build 3638

### 2.6.1 Component List

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1211.0
QMI SDK	GobiApi.dll	2.5.1211.2
Card Detect	SwiCardDetectX.dll	11.3.1211.0
MSI Installer	*.msi	6.0.3638

### 2.6.2 Change Details

- B46053 Watcher supports firmware image switching for G5K devices
- SBM3199 Watcher now displays all device profiles while in advanced mode
- SBM2246 [G5K][Verizon] "Check for FW update" now initiates deferred Update
- B45859 Added deleted mailbox to the SMS Express
- SBM2505 [G5K][Verizon] OTADM defer option is functional now for mandatory updates
- SBM2229 [G5K][Verizon] "Firmware update" is now launched after an optional download was rejected
- B45857 Usage History now displays data sessions in separate home and roaming pages

### 2.6.3 Supported devices:

- Gobi 5K
- AC340U/Grady USB Modem
- WP
- AR
- Gobi 3K

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- MC7700
- MC7750
- MC7710

### 2.6.4 Known Issues

- Device drivers are not included and must be installed separately

## 2.7 Build 3588

### 2.7.1 Component List

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1210.0
QMI SDK	GobiApi.dll	2.5.1210.2
Card Detect	SwiCardDetectX.dll	11.3.1210.0
MSI Installer	*.msi	6.0.3588

### 2.7.2 Change Details

- B41889 Added profile dropdown UI control in the main screen to display available connection profiles.
- B45991 Reduced size of the Watcher installer.
- B45856 Change "Connect" button to "Unlock" button when device is SIM locked.
- B45427 "Check for Updates" menu is now grayed out after disconnecting.
- B45556 Update RSSI bar mapping improved for LTE networks.
- B45682 Concatenated SMS segments are now calculated correctly.
- B45681 SMS Link Control is now enabled for concatenated SMS
- B44780 [CDMA] Mobile originated SMS send is retried when SMS send fails.
- B44785 [CDMA] Watcher now allows sending SMS to an email address on Verizon and Sprint networks
- B45438 [CDMA][Sprint] Sprint activation wizard now provides failure status when device fails to activate.

### 2.7.3 Supported devices:

- Gobi 5K
- Grady USB Modem
- WP
- AR
- Gobi 3K
- MC7700
- MC7750
- MC7710

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### 2.7.4 Known Issues

- Device drivers are not included and must be installed separately

## 2.8 Build 3560

### 2.8.1 Component List

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1209.0
QMI SDK	GobiApi.dll	2.5.1209.0
Card Detect	SwiCardDetectX.dll	11.3.1208.0
MSI Installer	*.msi	6.0.3560

### 2.8.2 Change Details

- B44587 Profile DNS values are now persistent and they don't get over-ridden by the network
- B44686 Manual network selection feature is now implemented using Windows Mobile Broadband interface (Win7 and higher) and Watcher is in sync with WANUI displaying network name.

### 2.8.3 Supported devices:

- Gobi 3000
- MC7700
- MC7750
- MC7710

### 2.8.4 Known Issues

- Device drivers are not included and must be installed separately
- Gobi 5K is not fully supported

## 2.9 Build 3550

### 2.9.1 Component List

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1208.0
QMI SDK	GobiApi.dll	2.5.1208.1
Card Detect	SwiCardDetectX.dll	11.3.1207.1
MSI Installer	*.msi	6.0.3550

### 2.9.2 Change Details

- B44323 Image switching is now supported in MBIM mode
- B44308 Fixed occasional device detection issue after firmware switch
- B44338 Fixed SwiService startup after driver reinstall

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**2.9.3 Supported devices:**

- Gobi 3000
- MC7700
- MC7750
- MC7710

**2.9.4 Known Issues**

- Device drivers are not included and must be installed separately

**2.10 Build 3533****2.10.1 Component List**

Description	Component	Revision
Watcher Main Application	Watcher.exe	<a href="#">12.0.1207.0</a>
QMI SDK	GobiApi.dll	<a href="#">2.5.1207.0</a>
Card Detect	SwiCardDetectX.dll	<a href="#">11.3.1207.1</a>
MSI Installer	*.msi	<a href="#">6.0.3533</a>

**2.10.2 Change Details**

- B43782: Watcher now supports add/modify default profiles at Watcher startup using DefaultProfiles.xml file.
- B44161: [MC7750] Watcher supports default profile properties modifications.
- B41361: [MC7750] Added support for Verizon SIP fallback
- B44044: SMS Express now allows sending SMS to phone numbers starting with '+' sign.
- B41548: SMS fixes for devices using the Verizon network
- B41940: Auto-connect is now supported on CDMA 2G/3G service.
- B42172: Watcher now lists only the default profile in none-advanced mode displays all profiles in advanced mode for MC7750.
- B44185: System Tray icon tooltip now show RSSI signal strength on Win8
- B41856: GPS Monitor UI screen is cleared when service is lost.
- B41919: Uninstalling Watcher doesn't causes Service Control Manager error in Event Log
- B37337: Watcher now displays Home Network and Serving Network based on the network demand.

**2.11 Build 3514****2.11.1 Component List**

Description	Component	Revision
Watcher Main Application	Watcher.exe	<a href="#">12.0.1206.1</a>
QMI SDK	GobiApi.dll	<a href="#">3.6.1206.3</a>
Card Detect	SwiCardDetectX.dll	<a href="#">11.3.1206.3</a>

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MSI Installer		*.msi		<a href="#">6.0.3514</a>

### 2.11.2 Change Details

- Watcher supports Windows 8 in QMI mode (Sierra Wireless device drivers are required)
- Watcher also supports Windows 8 in MBIM mode (Microsoft inbox class driver, no Sierra Wireless device drivers required)
- Watcher supports client initiated OTADM sessions for Verizon
- Watcher supports network initiated OTADM sessions for Verizon
- B38418: Added support for urgent SMS messages
- B41254: Data connection status is now in sync between Watcher and VANUI
- B41033: Fixed Profile Management issues which prevented saving profiles that contain valid username and password
- B41734: Fix occasional Watcher crash when no device detected and user options dialog invoked
- B41576: Fix Data connection failures after firmware image switching
- B42517: Default profile stored on the modem is now in synch with Windows 7/8 Mobile Broadband Connections
- B42304: Watcher Auto-connect not persistent after leaving profile menu
- B42280: Fixed SMS messages out of order in SMS Express UI
- B42427: Added support for sending SMS to multiple recipients
- B41447: Improved signal strength bar tooltip information

### 2.11.3 Supported devices:

- Gobi 3000
- MC7700
- MC7710
- MC7750

### 2.11.4 Known Issues

- Device drivers are not included and must be installed separately

## 2.12 Build 3375

### 2.12.1 Component List

Description	Component	Revision
Watcher Main Application	Watcher.exe	<a href="#">12.0.1206.1</a>
QMI SDK	GobiApi.dll	<a href="#">3.6.1206.3</a>
Card Detect	SwiCardDetectX.dll	<a href="#">11.3.1206.3</a>
MSI Installer	*.msi	<a href="#">6.0.3514</a>

### 2.12.2 Change Details

- [B41033](#): APN updates in Watcher are now reflected in Windows UI
- [B38394](#): SMS outbox messages can now be saved

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- [B39414](#): Deregistration state correctly updated
- [B39047](#): Fixed crash after SIM switching
- [B39049](#): Fixed crash after restart with invalid profile
- [B40702](#): Display configuration profiles (IMS, GPS, etc) in advanced mode
- [B39314](#): Manual network configuration enabled for MC7750
- [B39358](#): GPS configuration enabled for MC7750

### 2.12.3 Supported devices:

- Gobi 3000
- MC7700
- MC7710
- MC7750

### 2.12.4 Known Issues

- Device drivers are not included and must be installed separately

## 2.13 Build 3355

### 2.13.1 Component List

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1201.2
QMI SDK	GobiApi.dll	2.4.1201.4
Card Detect	SwiCardDetectX.dll	11.3.1112.1
MSI Installer	*.msi	6.0.3355

### 2.13.2 Change Details

- [B39993](#): Fixed rare crash after shutdown
- [B40079](#): Fixed rare hang after disabling Airplane mode
- [B40015](#): No longer display incorrect band info under advanced menu
- [B39881](#): Added support for MS assisted GPS
- [B39882](#): Added support for MS based GPS
- [B40162](#): Missing leading zeros from GPS data
- [B40052](#): Updated profile automation behaviour
- [B40112](#): Settings correctly updated when modifying the default profile

### 2.13.3 Supported devices:

- Gobi 3000
- MC7700
- MC7710
- MC7750 (Beta)



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**2.13.4 Known Issues**

- Device drivers are not included and must be installed separately

**2.14 Build 3331****2.14.1 Component List**

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1112.1
QMI SDK	GobiApi.dll	2.3.1112.2
Card Detect	SwiCardDetectX.dll	11.3.1112.0
MSI Installer	*.msi	6.0.3331

**2.14.2 Change Details**

- [B39317](#): Japanese localization updates
- [B37533](#): Preserve network selection mode
- [B39178](#): Speed graph unit correction
- [B39309](#): Profile management updates
- [B38926](#): Removed frequency band display from Help->About
- [B39213](#): Sync signal bars after resume from S3
- [B39212](#): Signal strength indicator improvements
- [B39029](#): Close application on disconnect functionality now works
- [B39173](#): Profile UI updates
- [B39175](#): Added prompt for APN

**2.14.3 Supported devices:**

- Gobi 3000
- MC7700
- MC7710
- MC7750 (Beta)

**2.14.4 Known Issues**

- Device drivers are not included and must be installed separately

**2.15 Build 3285****2.15.1 Component List**

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1111.0
QMI SDK	GobiApi.dll	2.3.1111.2
Card Detect	SwiCardDetectX.dll	11.3.1111.1
MSI Installer	*.msi	6.0.3285

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### 2.15.2 Change Details

- [B37504](#): Network indicator improvements
- [B37507](#): LTE signal strength indicator improvements
- [B37746](#): RF band indicator improvements
- [B37911](#): Auto connect improvements
- [B38591](#): SIM detection improvements
- [B37388](#): Improvements to automatic firmware switching feature
- [B37780](#): Report correct error when connecting with invalid APN on Windows 7
- [B38117](#): Report CDMA dormancy state in tooltip
- [B37884](#): Fixed auto launch browser feature
- [B37895](#): Added installer option to configure Watcher auto-launch functionality
- [B38318](#): Watcher no longer prompts to create default profile when using MC7750
- [B37269](#): Added support for MEP lock state
- [B35412](#): Fixed GPS Monitor device detection issue
- [B37894](#): Added UI option to configure GPS One XTRA
- [B38636](#): Report correct number of satellites in GPS Monitor
- [B38635](#): Data usage history improvements

### 2.15.3 Supported devices:

- Gobi 3000
- MC7700
- MC7710
- MC7750 (Alpha)

### 2.15.4 Known Issues

- Device drivers are not included and must be installed separately (Driver Build 3307 or newer is recommended).

## 2.16 Build 3253

### 2.16.1 Component List

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

Description	Component	Revision
Watcher Main Application	Watcher.exe	<a href="#">12.0.1109.0</a>
QMI SDK	GobiApi.dll	<a href="#">2.1.1108.2</a>
Card Detect	SwiCardDetectX.dll	11.3.1108.4
MSI Installer	*.msi	<a href="#">6.0.3253</a>

### 2.16.2 Change Details

- [B36990](#): Fixed issue which prevented firmware switching on some platforms

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### 2.16.3 Supported devices:

- Gobi 3000
- MC7700
- MC7710
- MC 7750 (Evaluation purposes only)

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## 2.17 Build 3211

### 2.17.1 Component List

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

Description	Component	Revision
Watcher Main Application	Watcher.exe	<a href="#">12.0.1108.3</a>
QMI SDK	GobiApi.dll	<a href="#">2.0.1108.2</a>
Card Detect	SwiCardDetectX.dll	<a href="#">11.3.1108.4</a>
MSI Installer	*.msi	<a href="#">6.0.3211</a>

### 2.17.2 Change Details

- [B36134](#): Generic QMI Watcher installer includes QMI Drivers
- [B34300](#): Watcher composes received concatenated SMS messages
- [B35414](#): GPS monitor displays Altitude
- [B36177](#): GPS Monitor displays Speed and Direction

### 2.17.3 Supported devices:

- Gobi 3000
- MC7700
- MC7710
- MC7750 (Evaluation purposes only)

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## 2.18 Build 3196

### 2.18.1 Component List

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

Description	Component	Revision
Watcher Main Application	Watcher.exe	<a href="#">12.0.1108.2</a>
QMI SDK	GobiApi.dll	<a href="#">2.1.1108.1</a>
Card Detect	SwiCardDetectX.dll	<a href="#">11.3.1108.2</a>
MSI Installer	*.msi	<a href="#">6.0.3196</a>

### 2.18.2 Change Details

- [B35610](#) The 'SidebySide' error resolution
- [B35803](#) Modify long Japanese text message to fit on the GUI
- [B35805](#) Watcher installation on Guest/System user account

### 2.18.3 Supported devices:

- Gobi 3000
- MC7700
- MC7710
- MC7750 (Evaluation purposes only)

### 2.18.4 Known Issues

- Device drivers are not included and must be installed separately

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## **2.19 Build 3092**

### **2.19.1 Component List**

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

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1106.2
QMI API	GobiApi.dll	2.0.1106.1
CNS API	SwiApiInterfaceX.dll	11.4.1106.3
Card Detect	SwiCardDetectX.dll	11.3.1105.1
Watcher UI	WaUI.dll	11.3.1105.1
QMI Plug-in	QmiPlugin.dll	12.0.1106.1
MSI Installer	*.msi	6.0.3092

### **2.19.2 Change Details**

- [B33501](#): Added network preference selection
- [B32604](#): Added advanced Help->About information
- [B33470](#): Firmware selection option no longer disabled
- [B34118](#): Correctly display current frequency band

### **2.19.3 Supported devices:**

- Gobi 3000
- MC7700
- MC7710
- MC7750 (Evaluation purposes only)

### **2.19.4 Known Issues**

- Device drivers are not included and must be installed separately
- Online Help localization incomplete
- Network selection and USB interface management not supported
- DUN connections not supported
- Auto launch application on data connection not supported

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## 2.20 Build 3039

### 2.20.1 Component List

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

Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1105.5
QMI API	GobiApi.dll	1.2.1104.2
CNS API	SwiApiInterfaceX.dll	11.4.1105.1
Card Detect	SwiCardDetectX.dll	11.3.1105.0
Watcher UI	WaUI.dll	11.3.1105.0
QMI Plug-in	QmiPlugin.dll	12.0.1105.1
MSI Installer	*.msi	6.0.3039

### 2.20.2 Change Details

- [B32439](#): Correctly save profile MCC/MNC
- [B31601](#): Improved data connectivity after suspend/resume
- [B31468](#): Improved data connectivity on LTE network
- [B31521](#): Improved manual network selection
- [B31602](#): Timeout waiting to terminate a data session increased from 8 seconds to 60 seconds
- [B31853](#): Fixed rare crash during modem insertion
- [B31477](#): Fixed rare crash during modem removal
- [B31643](#): Added SMS storage options
- [B33116](#): GPS monitor correctly detects modem

### 2.20.3 Supported devices:

- Gobi 3000
- MC7700
- MC7710
- MC7750 (Evaluation purposes only)

### 2.20.4 Known Issues

- Device drivers are not included and must be installed separately
- Online Help localization incomplete
- Network selection and USB interface management not supported
- Advanced Help->About UI not supported
- DUN connections not supported
- Auto launch application on data connection not supported

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### 2.21 Build 2982

#### 2.21.1 Component List

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

Description	Component	Revision
Watcher Main Application	Watcher.exe	<a href="#">12.0.1103.5</a>
QMI API	GobiApi.dll	<a href="#">1.2.1104.0</a>
CNS API	SwiApiInterfaceX.dll	<a href="#">11.3.1104.0</a>
Card Detect Service	SwiCardDetect.exe	<a href="#">11.3.1104.0</a>
Card Detect	SwiCardDetectX.dll	<a href="#">11.3.1104.0</a>
Watcher UI	WaUI.dll	<a href="#">11.3.1103.0</a>
QMI Plug-in	QmiPlugin.dll	<a href="#">12.0.1103.6</a>
Watcher Helper Application	WaHelper.exe	<a href="#">11.3.1102.1</a>
MSI Installer	*.msi	<a href="#">6.0.2982</a>
Watcher Predefined Profiles	Predefined_Profiles.xml	1.56
SWLogCollector	SWLogCollector.exe	<a href="#">B2965</a>
AirCard Updates	TRUUpdater.exe	B2943

#### 2.21.2 Change Details

- [B29957](#): Added 3G/4G network service indicator
- [B30432](#): Added user option to manually invoke CDMA activation
- [B30799](#): CDMA network tab improvements
- [B31276](#): CDMA network icon improvements
- [B30640](#): Enable GPS menu even if no SIM attached
- [B30795](#): Auto-connect improvements
- [B30816](#): Roaming preference UI updates
- [B30287](#): "Operation Was Successful" no longer displayed when incorrect PIN2 is entered
- [B30305](#): PUK locked UI message improvements
- [B31217](#): PIN2 remaining attempts correctly displayed
- [B31223](#): PIN update message displayed in main window
- [B30576](#): Theme switching improvements
- [B30577](#): Roaming icon updates
- [B30753](#): Watcher icon shortcut updates
- [B30772](#): GPS monitor improvements
- [B30811](#): Profile improvements
- [B30934](#): Added configuration item to restrict connections while roaming
- [B30792](#): Data counter improvements
- [B30851](#): Speed indicator no longer displayed when disconnected
- [B29775](#): Ejecting device while in About menu no longer cause crash
- [B30000](#): Opening User Option when device unavailable no longer cause crash
- [B30057](#): Accessing "Messaging" while in Airplane Mode no longer cause crash
- [B30277](#): Fixed rare crash when resuming from hibernate state



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- [B30307](#): Usage History is now updated for CDMA connections
- [B29763](#): No longer display 'No SIM Inserted' after resuming from sleep
- [B30056](#): [MC7750] Improved SIM detection
- [B30065](#): [MC7750] Improved device detection across suspend/resume
- [B31127](#): Read SMS messages are now saved to the host
- [B30318](#): Connection button disabled after disconnecting
- [B31274](#): Sound is played during Connect/Disconnect/New SMS Message
- [B30047](#): Display appropriate error message when attempting to disconnect a connection initiated via Win7 MBB

### 2.21.3 Supported devices:

- Gobi 3000
- MC7700
- MC7710
- MC7750 (Evaluation purposes only)

### 2.21.4 Known Issues

- Device drivers are not included and must be installed separately
- Online Help localization incomplete
- Network selection and USB interface management not supported
- Advanced Help->About UI not supported
- DUN connections not supported
- Auto launch application on data connection not supported

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### 2.22 Build 2964

#### 2.22.1 Component List

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Description	Component	Revision
Watcher Main Application	Watcher.exe	12.0.1103.4
QMI API	GobiApi.dll	1.2.1103.2
CNS API	SwiApiInterfaceX.dll	11.3.1102.0
Card Detect Service	SwiCardDetect.exe	11.3.1102.0
Card Detect	SwiCardDetectX.dll	11.3.1102.0
Watcher UI	WaUI.dll	11.3.1103.0
QMI Plug-in	QmiPlugin.dll	12.0.1103.5
Watcher Helper Application	WaHelper.exe	11.3.1102.0
MSI Installer	*.msi	6.0.2964.0001
Watcher Predefined Profiles	Predefined_Profiles.xml	1.56
SWLogCollector	SWLogCollector.exe	B2958
AirCard Updates	TRUUpdater.exe	B2943

#### 2.22.2 Change Details

- GPS Monitor
- CDMA support (Sprint and Verizon)
  - Data sessions
  - Activation
- [B27599](#): AirCard Updates
- [B28091](#): Carrier selection
- [B28470](#): Watcher auto launch on device detection
- [B28584](#): Usage history
- [B28248](#): Manual network selection
- [B28592](#): Speed graph
- [B30134](#): Profile improvements
- [B30055](#): SIM status improvements
- [B30309](#): SMS improvements
- [B28237](#): APN Profile creation improvements
- [B28602](#): Revised online help
- [B28596](#): Main UI improvements
- [B27911](#): Device detection improvements
- [B27752](#): User option improvements
- [B27520](#): Suspend-resume improvements
- [B28007](#): Hibernate-resume improvements
- [B27921](#): Updated User Guide
- [B30533](#): Toggling auto connect functionality no longer causes Watcher to freeze

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- [B30532](#): Add option to disallow roaming
- [B28235](#): Synchronize with W\_DISABLE state
- [B30317](#): Boot loader version displayed in Help->About
- [B30049](#): Allow Watcher un-installation to occur even if Diagnostic Tool is running
- [B27613](#): Radio on/off state can be modified without a SIM
- [B27638](#): Radio on/off state correctly updated
- [B30288](#): Disable "To" button in SMS Send window (phonebook not supported)
- [B30076](#): Remove 'Enable keyboard' from user options
- [B30047](#): Display error message when attempting to end a data session established external to Watcher
- [B30053](#): Disabled Windows 7 MB option
- Removed MS-VPN from profile auto-launch options
- Removed driver installation menu item

#### **2.22.3 Supported devices:**

- Gobi 3000
- MC7700 (Evaluation purposes only)
- MC7750 (Evaluation purposes only)
- MC8790 (Evaluation purposes only)

#### **2.22.4 Known Issues**

- Device drivers are not included and must be installed separately
- Online Help localization incomplete
- Network selection and USB interface management not supported
- Advanced Help->About UI not supported
- DUN connections not supported
- Auto launch application on data connection not supported

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### 2.23 Build 2838

#### 2.23.1 Component List

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

Description	Component	Revision
Watcher Main Application	Watcher.exe	0.10.12.0
QMI API	GobiApi.dll	1.2.7.0
API Interface	SwiApiInterfaceX.dll	10.11.0.0
API MUX	SwiApiMuxX.exe	10.11.0.0
Card Detect Service 32bit	SwiCardDetect.exe	10.12.0.0
Card Detect Service 64bit	SwiCardDetect64.exe	10.12.0.0
Card Detect	SwiCardDetectX.dll	10.12.0.0
String Resource	SwiStrRes.dll	10.11.00
AirCard Module	SwiAirCardLib.dll	0.10.12.0
QMI Module	SwiQmiModemLib.dll	0.10.12.0
CDMA	SwiCDMA.dll	10.11.0.0
Dialup	SwiDialup.dll	10.11.0.0
GSM	SwiGSM.dll	0.10.12.0
Phonebook UI	SwiPhonebkUI.dll	10.11.0.0
Skin UI	SwiSkinUI.dll	10.11.0.0
Skinned Extended UI	SwiSkXUI.dll	1.1.0.25
SMS	SwiSMS.dll	0.10.12.0
SMS UI	SwiSmsUI.dll	0.10.10.1
Theme Manager API	SwiTMApi.dll	10.9.0.0
Theme Manager	SwiTMApp.exe	10.9.0.0
Extended UI	SwiXUI.dll	10.11.0.0
Voice	SwiVoice.dll	10.8.0.0
Watcher UI	WaUI.dll	10.11.0.1
Wireless Service Manager	WirelessServiceMgr.dll	0.10.12.0
Watcher Helper Application	WaHelper.exe	10.11.0.0
MSI Installer	*.msi	6.0.2776.01
Watcher Predefined Profiles	Predefined_Profiles.xml	1.56
SWLogCollector	SWLogCollector.exe	B2747 R10.9.0.0

#### 2.23.2 Change Details

- Added data usage tracking
- Added SMS Outbox functionality
- [B27092](#): Device detection improvements
- [B27095](#): Profile improvements
- [B27096](#): General UI improvements
- [B27098](#): User option improvements
- [B27565](#): Byte counter information is now reported correctly

#### 2.23.3 Supported devices:

- Gobi 3000
- MC7750

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- MC8790

#### **2.23.4 Known Issues**

- Network selection and USB interface management not supported
- Advanced Help->About UI not supported
- DUN connections not supported
- Auto launch on device power up not supported
- Speed graph not supported
- Autolaunch application on data connections not supported

### **2.24 Build 2805**

#### **2.24.1 Component List**

<b>Component</b>		<b>Revision</b>
Watcher Main Application	Watcher.exe	0.10.10.1
QMI API	GobiApi.dll	1.2.4.0
API Interface	SwiApiInterfaceX.dll	10.11.0.0
API MUX	SwiApiMuxX.exe	10.11.0.0
Card Detect Service 32bit	SwiCardDetect.exe	10.11.0.4
Card Detect Service 64bit	SwiCardDetect64.exe	10.11.0.4
Card Detect	SwiCardDetectX.dll	10.11.0.2
AirCard Module	SwiAirCardLib.dll	0.10.10.1
Wireless Service Manager	WirelessServiceMgr.dll	0.10.10.1
Watcher Helper Application	WaHelper.exe	10.11.0.0
MSI Installer	*.msi	6.0.2776.01
Watcher Predefined Profiles	Predefined_Profiles.xml	1.56
SWLogCollector	SWLogCollector.exe	B2747 R10.9.0.0

#### **2.24.2 Supported Devices**

- Gobi 3000
- MC7750
- MC8790

#### **2.24.3 Watcher Application**

- Supported functionality:
  - Airplane mode
  - Power management (suspend/hibernation/resume)
  - SIM lock (PIN1 only)
  - Options UI
  - Help->About UI
  - Reporting of serving network and signal strength
  - Data connectivity
  - Themes
  - Watcher auto-launch
  - SMS inbox functionality
  - Profile management

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### 2.24.4 Known Issues

- Drivers are not included and must be installed separately
- Network selection, USB interface management, and Data Usage Tracking UI not supported
- Advanced Help->About UI not supported
- SMS Outbox functionality not supported
- DUN not supported
- Autolaunch application on data connections not supported