

# Release Notes for CradlePoint rev 2.4.2 Firmware

## ***Products supported/tested:***

CradlePoint Travel Router (CTR350)

Personal Hotspot (PHS300)

## ***Phone modems/handsets tested (devices added since 2.4.1 in blue):***

### **USB Modems**

Calcomp a600/Cricket

EMOBILE D02HW/EMOBILE

EMOBILE D11LC/EMOBILE

EMOBILE D12LC/EMOBILE

EMOBILE D21HW/EMOBILE

EMOBILE D21LC/EMOBILE

[EMOBILE D22HW/EMOBILE](#)

Franklin CDU-550/Sprint

Franklin CDU-680/Sprint and nTelos, [and Pioneer Wireless](#)(GPS - see Known Issues)

Franklin U300/ (3G support)

Huawei EC168/Alltel

Huawei EC168C

Huawei E181/T-Mobile & AT&T

Huawei E220/AT&T

Huawei EC228/Alltel

[Huawei UMG-181/T-Mobile & AT&T](#)

LG L-02A/AT&T and DoCoMo

Novatel MC930D/AT&T

Novatel MC950D/AT&T

Novatel U720/Sprint and Verizon (GPS – Sprint only)

Novatel U727/Sprint and Verizon (GPS – Sprint only)

Novatel U760/Sprint and Verizon (GPS – Sprint only)

[Novatel MiFi 2200/Sprint and Verizon](#)

Option Quicksilver/AT&T \* (see Known Issues)

Pantech UM100/Cricket

Pantech UM150/Verizon and Alltel  
Pantech UM175/Verizon and Alltel  
Sierra Wireless 595U USB/Sprint, Verizon and Telus (GPS – Sprint only)  
Sierra Wireless Compass 597U/Sprint (GPS)  
Sierra Wireless Compass 598U/Sprint [and Pioneer Wireless](#) (GPS)  
Sierra Wireless 875U USB/AT&T  
Sierra Wireless 880U/AT&T  
Sierra Wireless 881U USB/AT&T  
Sierra Wireless Compass 885U USB/AT&T  
Sierra Wireless AT&T USBConnect Mercury/AT&T  
Softbank C01LC/Softbank  
ZTE MF626 (b-mobile 3G)/AT&T  
ZTE MF636/AT&T

### **ExpressCard Modems (Requires an ExpressCard-to-USB adaptor)**

Huawei E870/AT&T  
Kyocera KPC680/Sprint and Verizon  
Novatel C777/Sprint  
Novatel EX720/Sprint (GPS)  
Novatel V740/Verizon  
Novatel X950D/AT&T  
Option GT Max 3.6 Express/AT&T\*  
Option GT Ultra Express/AT&T\*

Note: Requires an ExpressCard-to-USB adapter that provides 1.2V

Sierra Wireless 402/Sprint [and Pioneer Wireless](#)  
Sierra Wireless 597E/Sprint and Telus (GPS - Sprint only)  
Sierra Wireless 880E/AT&T

### **Handsets**

HP iPaq 910/AT&T  
HTC Touch/Sprint  
HTC Mogul PPC-6800/Sprint  
HTC Apache PPC-6700/Sprint  
LG VX8000 and VX8300/Verizon

LG VX7200/Verizon  
LG Musiq/Sprint  
LG Fusic LX-500/Sprint  
Motorola v3c RAZR/Sprint and Verizon  
Motorola RAZR2/Sprint  
Motorola Q and Q9c/Sprint  
Motorola RAZR v3xx/AT&T  
Motorola Q v9h/AT&T  
Motorola KRZR/Sprint  
Palm 700w/Sprint and Verizon  
Palm 700p/Verizon  
Palm 755p/Sprint  
Palm Centro/Sprint \*

\* Note: Use of the Palm Centro requires Router Rev. 1.1 hardware or use of an external hub.

[RIM BlackBerry Bold 9000/AT&T](#)

RIM BlackBerry Pearl 8130/Sprint and Verizon  
RIM BlackBerry Curve 8330/Sprint and Verizon  
RIM BlackBerry 8703e/Sprint and Verizon  
RIM BlackBerry 8830/Sprint and Verizon  
RIM BlackBerry 9530 Storm/Verizon  
Samsung ACE/Sprint  
Samsung A900/A900M/A920/Sprint  
Samsung SCH-i830/Sprint  
Samsung SGH-A707/AT&T  
Samsung Blackjack (SGH-i607)/AT&T  
Samsung SPH-m520/Sprint  
Sanyo M1/Sprint  
Sanyo SCP-6600 (Katana)/Sprint  
Sanyo Katana 2/Sprint  
Sanyo SCP-8400/Sprint

### **Notes:**

- Devices marked as AT&T were tested using the AT&T network in the United States. The device may or may not work with other UMTS/GSM carriers internationally.

- Upgrading to this firmware release may cause a factory reset from previous firmware. Please be sure to save your configuration settings (Tools -> Admin menu) before loading this firmware and then restore your configuration afterward if necessary.

### ***New features added in this release:***

- No new features. Additional modems, defect fixes and u300 changes only

### ***Additional UI/usability changes:***

- None

### ***Defects fixed:***

- Ability to work with supported BlackBerry devices using BlackBerry firmware version 4.5.
- U300 in CDMA mode and Signal Strength Mode. The U300 did not update Signal Strength in 3G mode dynamically, it does now.
- MAC Address filter settings would not restore correctly during router update.

### ***Known issues:***

#### **GPS**

- GPS and Mapquest. When using Mapquest, the default zoom is out too far to be really useful. While you can zoom in, if you use auto-refresh the loaded page will be zoomed out again. Workaround is to either use one of the other map sites, or do not use auto-refresh with Mapquest.
- GPS, Internet Explorer 7.0, and Yahoo maps. When using IE 7.0 and Yahoo maps, the position on the map would not refresh. The Latitude and Longitude change on the address bar, so this is likely an IE 7.0 issue.
- GPS, Safari 3.04, and Windows Vista. Safari and Windows Vista would not load any of the map sites. Safari worked fine on an Apple Mac.

#### **Carrier**

- nTelos. These modems appear to block incoming ports. That affects the ability to use features such as Remote Management, GPS Network port on WAN, and responding to a WAN ping.
- AT&T. These modems appear to block some incoming ports. That affects the ability to use features such as Remote Management.

#### **Modem/Phone**

- Option GT and Ultra Express modem support. These modems can take up to 2.5 minutes to make a data connection. In our tests, they appear to spend a long time attempting to get a signal before they can make a data connection. The Ultra seems to connect more quickly in our tests. [Note that the the Ultra Express' performance in the router is not as good as in the PC. This modem works with the router, but if you have a choice any of the other GSM modems such as](#)

[the Novatel or Sierra Wireless are more compatible.](#)

- Franklin CDU-680 and GPS. If the modem is plugged into the router and a data connection is made, the modem may not provide an initial GPS position fix. If a data connection is not made, then the modem can get its initial GPS fix. After that, it can provide both GPS position and a data connection. A simple way to accomplish this is to go to the router's Status -> Device Info page and press the "Disconnect" button. Then go to Tools -> GPS and get a position. Then go back to the Status -> Device Info page and press "Connect". You should continue to get GPS updates.