

# CommWatch II

## Release Notes

12/14/2010

### Rev. B2 Firmware

This firmware release **requires** Version 2.3 or higher Software.

Changes have been made to improve performance after the following changes were made to Rev. B1/Ver. 2.2: PRI D-Channel storage to the USB Flash drive has been converted to "raw" data storage to increase speed and avoid lost buffers. As a result, very busy D-channel operations (in excess of 4000 calls/hr) can be captured and stored. The files on the flash drive can no longer be interpreted using Notepad or similar text file display programs. The D-channel information displayed and captured internally by CommWatch II retains the former functionality.

Updates from earlier versions of Firmware are only possible via the local USB serial port connection using the PConCall program and with additional steps required post-upgrade to reinitialize the remote connection port.

Update procedure:

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1. Run PConCall software and update the firmware to B3.
  2. Restart CW2 device (unplug the power, plug it back)
  3. Run CW2 software and connect to the device via the USB serial port.
  4. Switch to the Terminal communication mode ("Terminal Active" option under the "Communications" tab)
  5. Hit <ESC> key on the keyboard. CW2 device will respond with the ">" command prompt.
  6. Type "UINIT" command followed by the <ENTER> key. During command execution several lines of text will appear on the screen.
  7. Wait until port is re-initialized and device responds with the next ">" prompt.
  8. Close "Terminal Active" window.
  9. Restart CW2 device again by disconnecting/reconnecting power.
  10. Configure "Remote Password" ( "Security / Remote Access Password" option under the "Setup" tab)  
On the password configuration screen, choose appropriate security options (Allow remote downloads/configuration and allow remote password change)
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### Version 2.4 Software

This software release is compatible with Rev. B2 and all prior release versions of Firmware for CommWatch II. Some features are disabled unless Rev. B2 or higher firmware is installed in the CommWatch II unit.

Version 2.4 software adds Remote Authentication to password secure all remote connections to CommWatch II and continues to allow a local USB connection with open access. With Remote Authentication, the capability to download recorded files, from the USB drive connected to the remote CommWatch II, is now supported.

Minor issues with "free space" on the USB flash drive and with "24-Channel Signaling Capture" have been corrected.