

The following instructions will give guidance on how to upgrade the Software Version of a Hughes 9201 BGAN terminal using BGAN MAC upgrader v2.8.

1. Download the application zip file BGAN_MAC_Upgrader_6.3.5.zip to your desktop (or other convenient location on your hard drive).
2. Double-click on the zip file to unzip the file in the current location (does not require installation).
3. Connect your Hughes 9201 BGAN terminal to the laptop via Ethernet cable, connect the terminal to an AC adaptor and power up.
4. Ensure that your MAC has received an IP address from the Hughes terminal (192.168.128.x)
5. Double-click the application to run the installer
6. The installer program will display the 'Included Terminal Software' version as 3.6.3.5, and the version currently loaded into the terminal in the window 'On the Hughes Terminal'.
7. Click the Upgrade button to upgrade the terminal firmware and follow instructions provided on screen.

During the Upgrade process, it is imperative that the power supply and Ethernet connections to the BGAN modem are not removed or interrupted. If an earlier software upgrade was unsuccessful then the modem will power-up in a **bootrom** mode and the LEDs will show a pattern of flashing and solid red/green colours (refer to the Hughes 9201 User Manual for more details). You can also force the modem to power-up in this bootrom mode by pressing the audio button when you power-up the modem. The Upgrader can still be used to re-upgrade the modem in this bootrom mode. However, in bootrom mode DHCP is not supported and you must set your computer's IP address to a static address of 192.168.128.101.



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