

About HNS BGAN terminal firmware upgrade 3.6.1.5

Version 1.0

24.05.07

This document describes why all Hughes BGAN terminals must be upgraded over the coming weeks, and how to download and install the firmware upgrade. If you are a BGAN user in a remote location, and can only download the upgrade over BGAN, please contact your service provider to discuss an airtime credit for the airtime used.

Why is the upgrade required?

The BGAN network will be upgraded in mid 2007. This upgrade enables the BGAN network for Fleet Broadband and Swift Broadband services.

The current Hughes 9201 firmware is not compatible with the network upgrade and therefore all Hughes terminal users must upgrade terminal firmware to version 3.6.1.5. This enables your Hughes BGAN terminal(s) to function when the network upgrade is activated. An added benefit of this upgrade is improved ISDN performance.

Hughes recently released an upgrade v3.6.1.4. If this upgrade has been installed Inmarsat recommend that v3.6.1.5 is still installed on the HNS 9201 terminal.

Users of the Hughes Land Vehicular terminal 9250 will also need to upgrade, however there is a separate firmware version for this terminal. Please contact your service provider directly if you require this.

Firmware for BGAN terminals other than Hughes terminals is already compatible with the planned network update.

When is the upgrade required?

All Hughes BGAN terminal users must upgrade terminals by:

12th July 2007

Other features in firmware version 3.6.1.5

In addition to the network compatibility feature this firmware version contains the following enhancements and fixes:

- Added 30 second timer to the ISDN interface to detect when the cable is being unplugged. If it is unplugged for 30 seconds, any ISDN calls will be automatically disconnected.
- Improvements to ISDN interface to improve Bit Error Rate.
- LaunchPad now performs soft reboot of HNS terminal to restore configuration changes.
- New universal MAC driver for USB, works on both PowerPC and Intel based MAC computers. Also now available on the Inmarsat website.

Obtaining and installing the firmware

Pre-requisites

There are no prerequisites for installation. The terminal can be running any previous firmware version for the upgrade to be successful.

Obtaining the firmware

The Hughes BGAN terminal firmware upgrade version 3.6.1.5 for PC and Mac is downloadable from the following locations:

- www.inmarsat.com/bgan-updates
- The Hughes website at: www.hughes.com
click on Service Providers, click on Hughes 9201 BGAN Inmarsat Terminal, then click on Instructions to use BGAN Upgrader

In addition, CDs containing the firmware are available by request to Inmarsat customer services at:

- Tel: +44 (0)20 7728 1300
- Fax: +44 (0)20 7728 1142
- E-mail: support@bganbss.inmarsat.com

A MAC version of the upgrade will be available in the next few days.

Installing the firmware

To install the firmware

- Download the file from the Inmarsat or HNS website and extract the contents.
- Connect your HNS BGAN terminal to your PC
- Double click on the file called 'BGANupgrader.exe' and wait for a screen to appear showing the new software version. Click upgrade and the terminal will be updated.