Thuraya IP+ Upgrader

The latest Thuraya IP+ software version is **Release 2.0.2.3**

Release date: Feb 2017

RELEASE NOTES for 2.0.2.3

Thuraya is pleased to announce the release of software version 2.0.2.3 for the Thuraya IP+ terminal. This release improves the overall stability and use experience of the Thuraya IP+ terminals. is a recommended upgrade that includes new features (Port Forwarding, Relay Mode address transparency), enhancements and bug fixes.

Release Notes for 2.0.2.3 (since 2.0.2.2)

New Features/Enhancements:

Port forwarding and Relay Mode address transperancy

1. The Port Forwarding feature developed for the Thuraya Orion IP and IP Voyager platforms is now ported to the Thuraya IP+ platform. The feature is configured using a new web page that is accessed from a new "Configure Port Forwarding" link on the Network Settings page.

2. Relay Mode now supports address transparency. When Relay Mode is active, all packets, regardless of destination IP address, are forwarded to the local Relay Mode host, i.e. the host that takes (via DHCP) the global IP address assigned for the PDP context. This address is known as the "primary" address.

The address transparency feature manipulates the Ethernet ARP table in real-time, adding a semi-permanent entry for each new destination IP address, known as "secondary" addresses, as seen by the terminal when received from the network. Since it is anticipated that only a few secondary address will be used in the field, the number of ARP entries used in this manner is capped at 16, and if that number is reached, the "oldest" address is discarded to make room for a new one.

Note that Port Forwarding is disabled during Relay Mode, and address transparency, though different in function, provides somewhat similar capabilities. In operation, when Relay Mode is enabled, the UT in effect bridges all traffic to a single host address, and that host performs routing operations, possibly including port forwarding.

UPGRADING THE THURAYA IP+

In order to upgrade the IP+ firmware you must first connect to the Internet and follow the steps listed below:

1. Connect your PC/Notebook to the Internet using Thuraya IP+ (satellite service), wired LAN, or dial up connection.

2. Go to www.thuraya.com or use the Upgrade link on the Properties Page if connected to the Thuraya IP+.

3. Go to the web site area for Thuraya IP+ upgrades
   http://www.thuraya.com/product_upgrades

4. To download, select the latest upgrade package. The browser proceeds to retrieve the package.

5. Once the package is downloaded, you are prompted to execute the package. Select 'Yes' and the upgrader application will self-extract onto the PC's hard drive.

6. Once the package is installed, it puts a shortcut on the desktop and prompts you to upgrade now. Make sure the Thuraya IP+ is connected to the PC via Ethernet and is powered up. Select the upgrade option on the PC, and the program will allow you to upgrade the terminal.

7. The upgrader will query the current software version of the terminal. You should choose whether you want to upgrade to the newer version of software.

8. If you choose to upgrade the terminal, the process automatically downloads the new release of software and forces a terminal reboot.

9. When the terminal returns from reboot, you can verify that the download was successful via the Properties page in the wMMI or by confirming the new release on the upgrader.

10. Once loaded onto a PC, the upgrade program can be used to upgrade any number of Thuraya IP+ terminals. Just connect them one at a time and execute the upgrade program