



User Manual for:

# **Thuraya IP Update Tool**

**Version: 1.0**

## Contents

|     |                                  |   |
|-----|----------------------------------|---|
| 1   | Document .....                   | 2 |
| 1.1 | Change Record .....              | 2 |
| 2   | Introduction .....               | 2 |
| 3   | Installation .....               | 2 |
| 3.1 | Software .....                   | 2 |
| 3.2 | Hardware .....                   | 2 |
| 4   | Uploading Antenna Software ..... | 3 |

## 1 Document

### 1.1 Change Record

| Rev. | Date       | Author | Description     |
|------|------------|--------|-----------------|
| 1.0  | 11-11-2013 | RC     | Initial release |

## 2 Introduction

This document describes how to update SpaceCom antennas using the Thuraya IP Update Tool.

## 3 Installation

### 3.1 Software

In order for the Thuraya IP Update Tool to communicate with the antenna through the Power Supply Unit AS 03951, as described in section 3.2, the FT232R driver must be installed on the PC. The driver can be downloaded at: <http://www.ftdichip.com/Drivers/VCP.htm>

Note. Please install the driver before connecting the Power Supply Unit to the PC.

### 3.2 Hardware

The communication between the PC and the SpaceCom antenna is provided by the Power Supply Unit AS 03951 shown in Figure 1. The connection diagram is shown in Figure 2.



Figure 1. Power Supply Unit AS 03951.

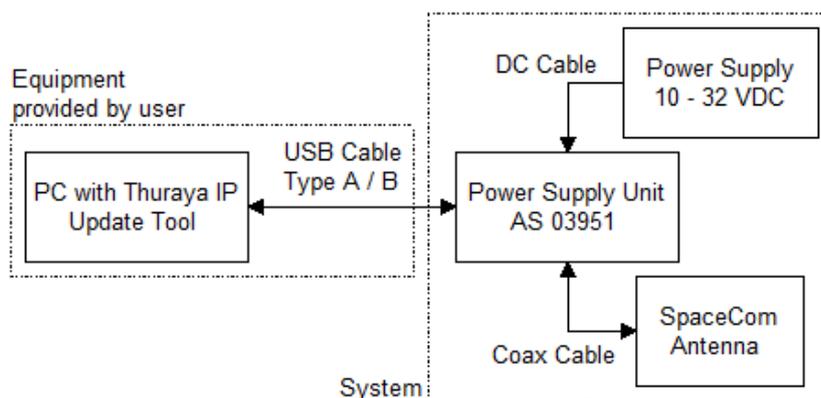


Figure 2. Connection diagram.

## 4 Uploading Antenna Software

- Launch the Thuraya IP Update Tool
- Follow the instructions from the program

The program will ask you to connect the Power Supply Unit to the computer and turn it on to power up the antenna. When these steps have been taken, the program will automatically perform the update. Should the update fail due to e.g. power out, just follow the instructions from the program, or restart the entire process.

When the antenna is successfully updated, you will see a message as shown in figure 3.

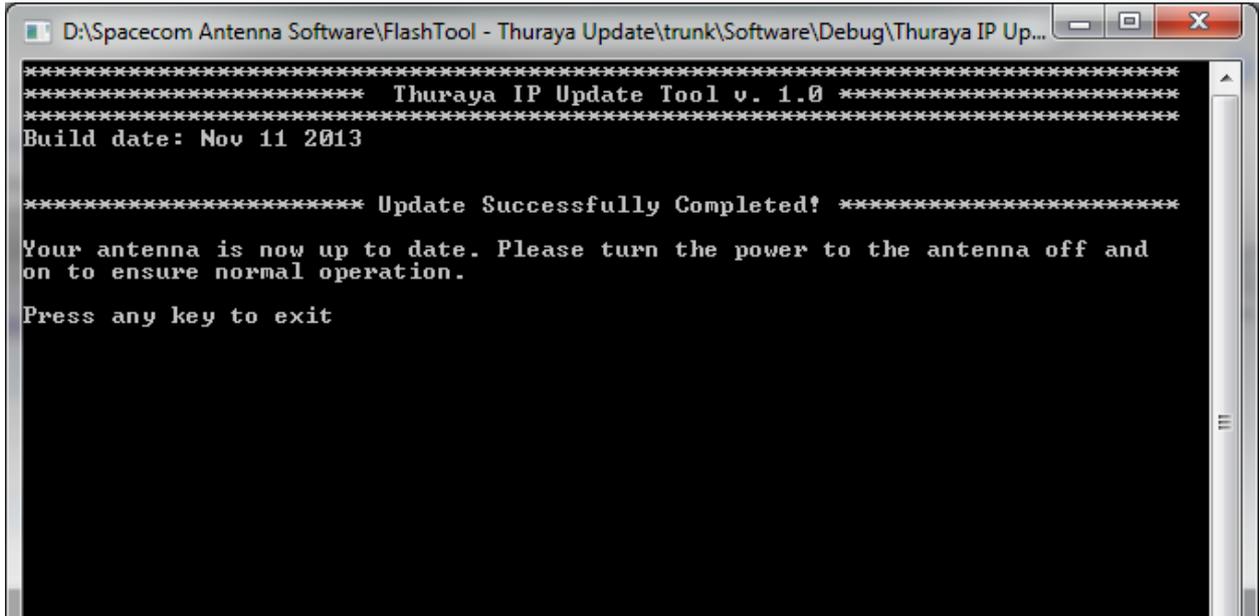


Figure 3. Example of successful update.