



Thuraya Satellite Telecommunications Company

Thuraya SO-2510 Software Upgrade Guide

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1 Introduction:

The Thuraya second generation mobile phone is powerful compact and offering total convenience and mobility. Enhancements to the Thuraya SO-2510 are done using an upgrader. The upgrading of the Thuraya SO-2510 is quick and easy.

2 Objective:

The Thuraya SO-2510 Upgrader tool is easy to install and use. This manual will further assist you in the installation of the Upgrader and guide through the complete upgrading process.

3 Equipments & programs:

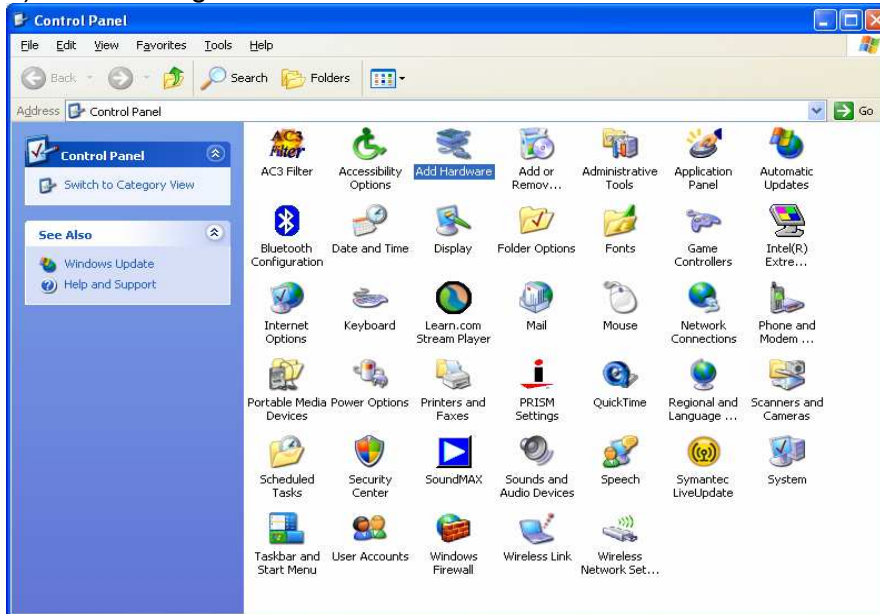
- USB Cable
- Thuraya SO-2510 phone
- Thuraya SO-2510 Upgrader (SO2510AL.exe)
- PC with the following Operating Systems are supported:-
Windows NT, Windows 2000 and Windows XP

4 Driver Installation:

- Power on the Thuraya SO-2510 with a sufficiently charged battery.
- Set Data Port to USB under Menu→Settings→Data connection→Data Port→USB→OK.
- Attach the USB data cable to PC and Thuraya SO-2510.
- The PC will either give a pop-up of a 'Found New Hardware Wizard' or will not detect the new hardware automatically.
- Manual detection (section 4.1) has to be initiated in case of auto detection malfunction. Section 4.1 can be skipped if the "Found New Hardware Wizard" is displayed automatically.
- If auto detection is successful then start from section 4.2 onwards.

4.1 Manual Detection procedure (Additional steps):

a) On the PC go to Start -> Control Panel -> Add Hardware.



b) Select Next.



c) Wait for the Search to complete.



Wait for the search to be completed then follow the steps under section 4.2

4.2 Installation of the drivers:

A USB Driver and a modem driver will be installed one after the other.

Note: If the below pop-up window is not displayed section 4.1 has to be initiated after checking that the connections are correct.

4.2.1 USB driver installation

1) A pop up window showing "Found New Hardware Wizard" will be displayed. Select "Install the software automatically (Recommended)" and then go to Next.



2) Select Next.



3) Select "Continue Anyway."



4) Once installation is completed, select 'Finish' on the following window.



The USB Driver is successfully installed.

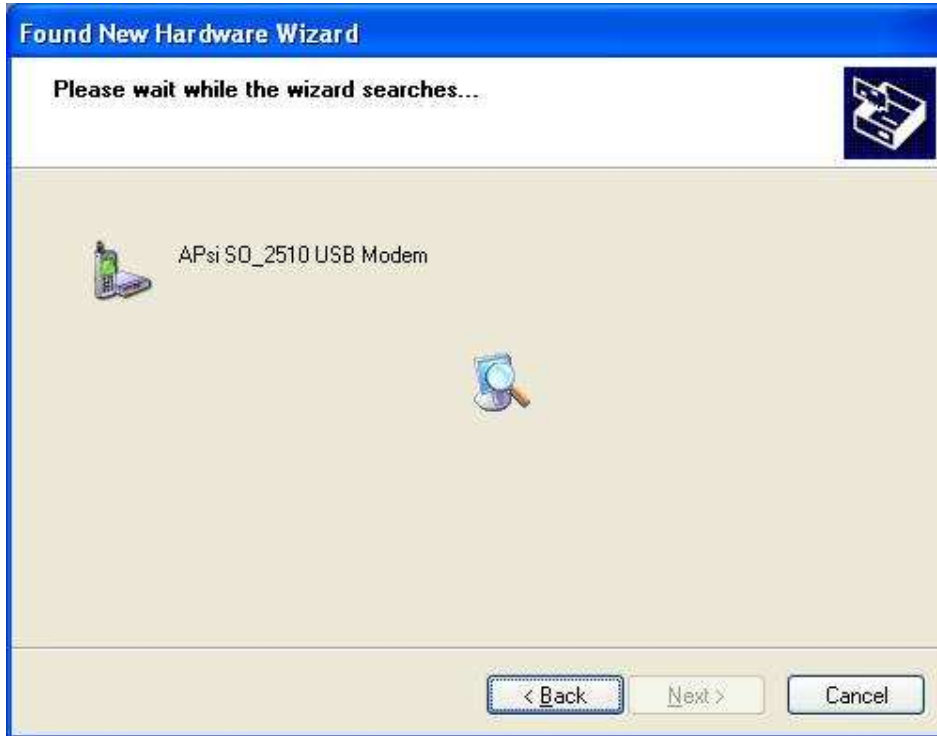
4.2.2 Modem Driver Installation

Wait for a moment. The pop up window "Found New Hardware Wizard" will appear again, this time to install the Modem Driver.

5) Select "Install the software automatically (Recommended)" and then press Next button.



6) Select Next.



7) Select "Continue Anyway".



8) Once installation is completed, you will see the following window. Select "Finish"



The Modem Driver is successfully installed.

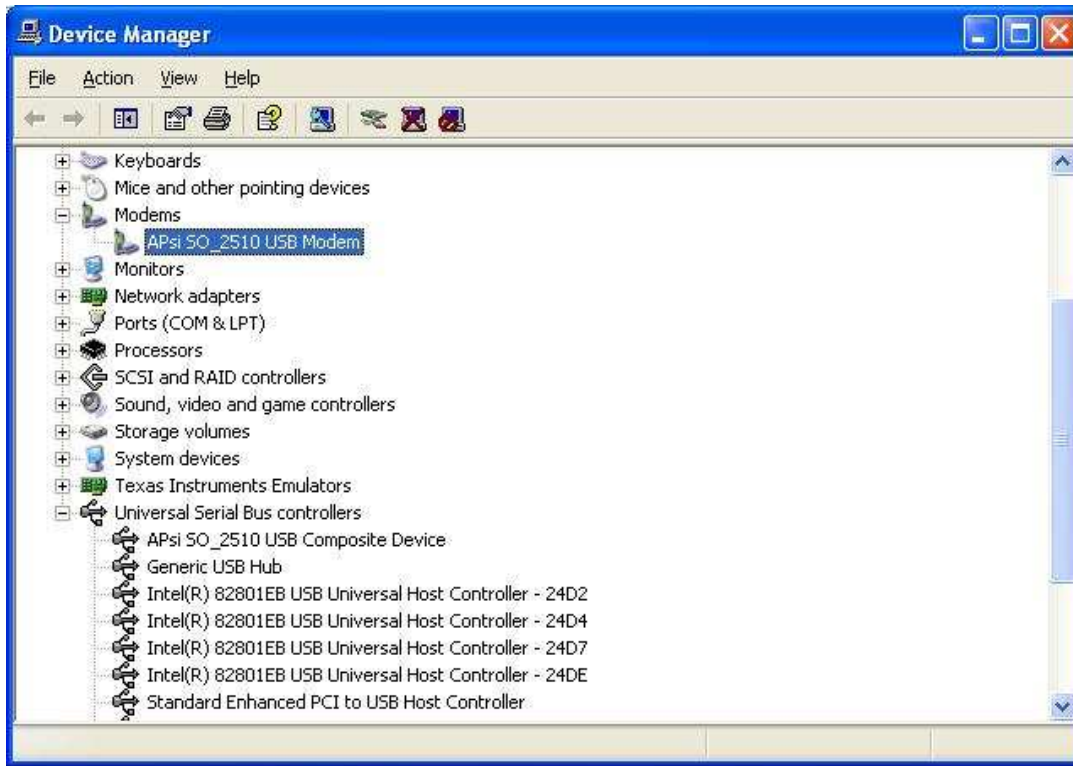
9) To check if the set up is installed properly, select "System" on the Control Panel.



10) Select Device Manager Button in the Hardware section.

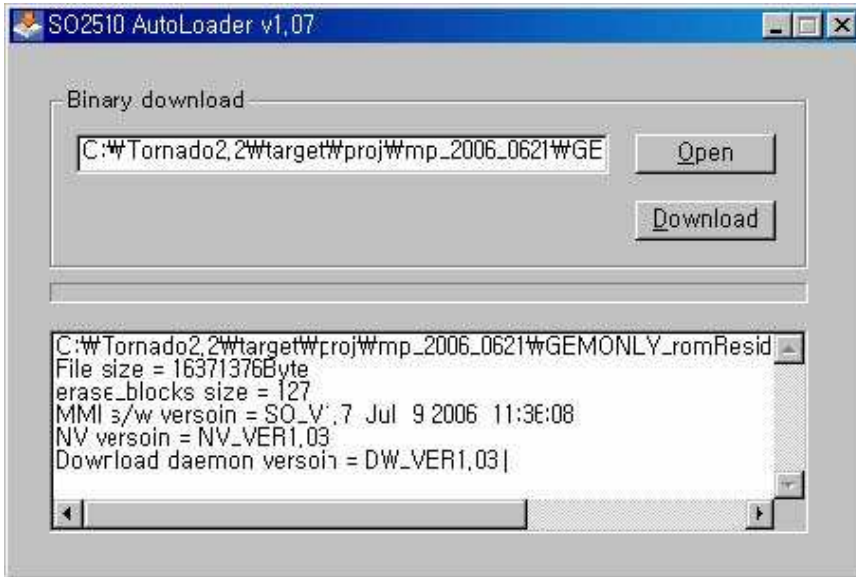


11) Thuraya SO-2510 USB Modem is installed under 'Modems' and Thuraya SO-2510 USB Composite Device is installed under 'Universal Serial Bus controllers'.

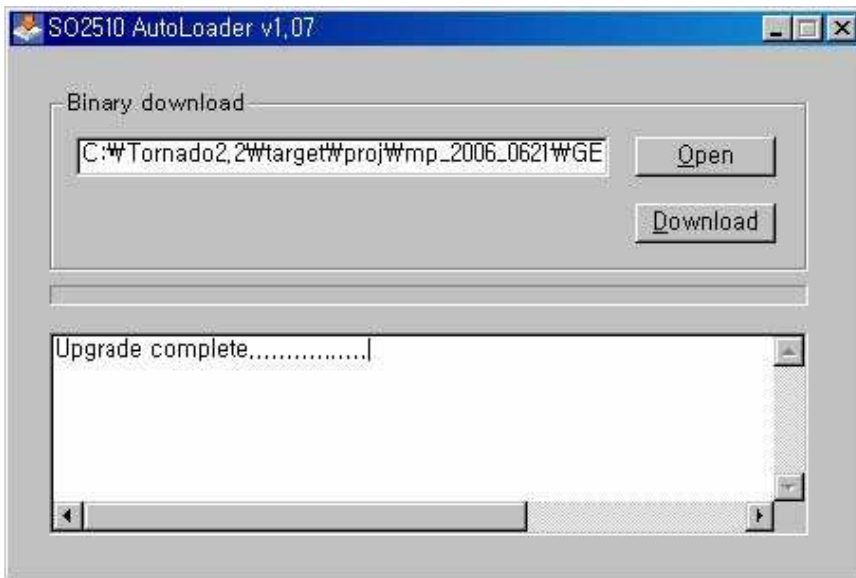


5 Software Upgrading procedure:

- Download the latest Thuraya SO-2510 Software release from <http://www.thuraya.com/content/announcements.html>.
- Power on the Thuraya SO-2510 with a decently charged battery.
- Connect the PC and the Thuraya SO-2510 phone using the USB cable. Make sure the Data Port is set to USB.
- On your PC, Start the Upgrader Tool (Start -> Program -> Thuraya SO-2510 -> Thuraya SO-2510 Upgrader.)
- On the Thuraya SO-2510 upgrader screen > Select Open and locate the Software release downloaded previously from <http://www.thuraya.com/content/announcements.html>.



- Start Upgrading by pressing the 'Download' button. It will take about 7 minutes to complete the upgrading and a pop up message of "Upgrade Complete" will be displayed.



Caution1: Execute the Upgrader only with a decently charged/fully charged battery to avoid abnormal operation.

Caution2: In case the upgrade fails on the first attempt DO NOT attempt to upgrade again using the above procedure.

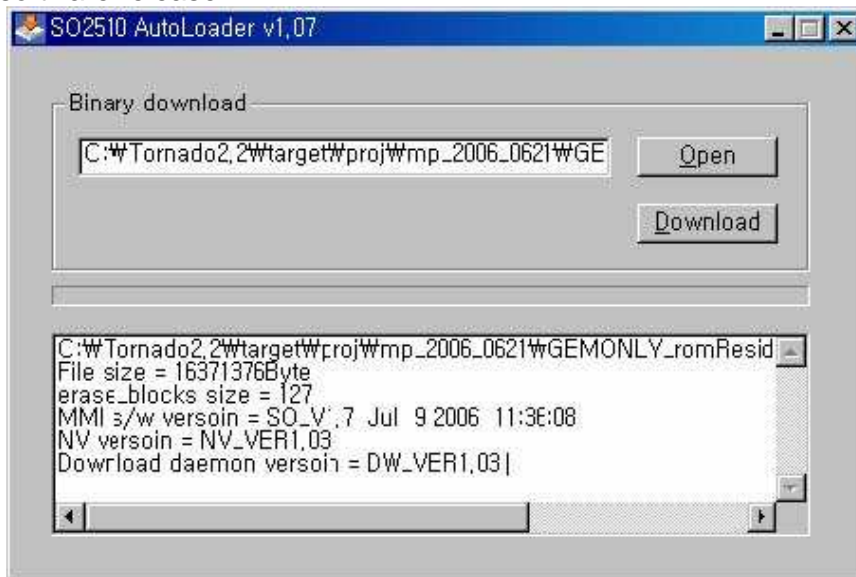
6. Emergency Mode Upgrading:

This mode has to be initiated only if a normal upgrade fails.

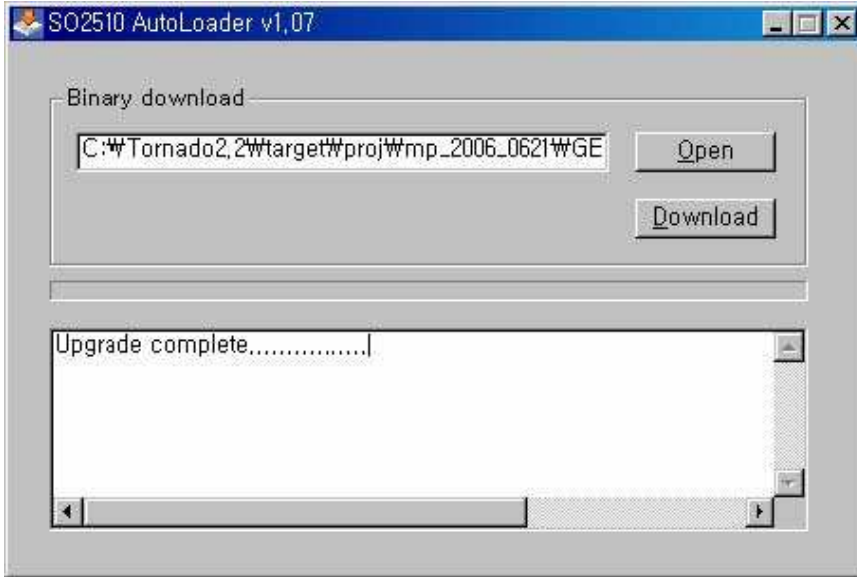
- 1) Remove battery and attach the battery again.
- 2) Simultaneously press 1 , 8 and END key to power the Thuraya SO-2510 in emergency mode.
- 3) The Thuraya SO-2510 will display "EMERGENCY USB" on the screen.



- 4) Connect the USB cable.
- 5) Start the Upgrader Tool (Start -> Program -> Thuraya SO-2510 -> Thuraya SO-2510 Upgrader.)
- 6) Select Open to choose the downloaded software release from <http://www.thuraya.com/content/announcements.html>. Press Open and locate the software release.



- 7) Start Upgrading by pressing the 'Download' button. It will take about 7 minutes to complete the upgrading and a pop up message of "Upgrade Complete" will be displayed.



NOTE: If Software upgrade fails in the emergency mode, please take your Thuraya SO-2510 to your Service Provider.