



SAT-SURF & SAT-SURFER

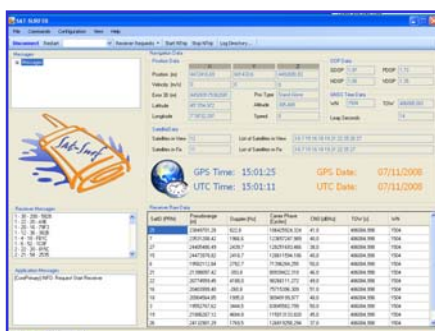
A Tool for Practical Training on Satellite Navigation

Using SAT-SURF & SAT-SURFER engineers, technicians and students can “put the hands on” GNSS and GNSS+COM technologies



SAT-SURF is a HW Box with GPS and GSM capabilities. It is connected to a standard PC

SAT-SURFER is the SW Suite able to control SAT-SURF



Enhanced Features

- 1 – Allows to log all the raw GPS and GSM data (both binary and NMEA protocols)
- 2 – Embeds different GPS modules depending on the user needs:
 - uBlox modules
 - SiRF modules
- 3 – Equipped with a quad-band GSM/GPRS modem (worldwide coverage) for NAV/COM integration
- 4 – Raw data storage in the various file formats for an easy post-processing:
 - ASCII text (.txt) file
 - MATLAB® (.mat) file
 - Excel® (.xls) file
 - binary (.bin) file
 - RINEX 2 log
 - RINEX 3 log
 - kml file

NAV/COM integration capabilities

SAT-SURF is made of components of the shelf.

The HW + SW tool is an innovative and complete GPS+GSM evaluation kit. It can be effectively used to test all the receiver features, Assisted-GPS strategies (OMA-SULP compliant) and/or Differential GPS techniques

Specific educational tool

SAT-SURF & SAT-SURFER is a complete educational tool. It includes several exercises with solutions for students. This is then a perfect tool for a lab dedicated to ICT technologies.

A ready to use tool

SAT-SURF & SAT-SURFER is a ready-to-use tool. The tool has already been delivered to many education institutions such as Hanoi University of Technology (Vietnam), Asia Institute of Technology (Thailand) and Politecnico di Torino (Italy).

SAT-SURF & SAT-SURFER tool has been designed and developed by NavSAS group, a joint research team of Istituto Superiore Mario Boella and Politecnico di Torino. Additional information at <http://www.navsas.ismb.it/sat-surf/>

SAT-SURF is manufactured and distributed by the high-tech Italian SME SAET s.r.l. Additional information at <http://www.saetsrl.com/>

Using SAT-SURF and SAT-SURFER engineers, technicians and students learn how to practically surf with GNSS!

<http://www.navsas.eu>