

## **Integrasys Releases Next Generation of Low-cost VSAT Line-up Tool Based on Satmotion Technology**



**AMSTERDAM, September 12, 2006/Satnews Daily/** — Integrasys S.A. has unveiled a new Satmotion Pocket VSAT pointing & line-up tool based on the idea of providing to the installer the spectrum information of the continuous wave (CW) carrier used to line-up as received by the network operations center (NOC).

Integrasys said calibrated EIRP for polar and cross-polar CW signals along with target values are received by the satellite terminal and displayed on the installer laptop or PDA while fine tuning the antenna pointing to meet the specific performance required by the satellite

operator.

For initial antenna pointing and satellite identification, Satmotion displays on the PDA a real-time measurement of the S/N of the forward link which ensures that the right satellite and service are being received by the terminal. This added new feature may prevent the installer to carry with a traditional field strength meter or portable spectrum analyzer.

VSAT IDU and installer PDA or laptop communicate using a wireless connection, so the installer can be present at the antenna site to perform pointing operations while setting up the transmission power levels in the terminal IDU and maximize its transmission cross-pol isolation.

The system supports DVB-RCS and other satellite broadband interactive terminals including those manufactured by Viasat (LinkStar and SurfBeam), NERA and EMS Technologies, according to Integrasys.

Satmotion system is currently being operated by Eutelsat, Hispasat and the European Space Agency through the Hellas-Sat satellite.

Integrasys is a member of SatLabs Group EEIG formed by service providers, satellite operators, system integrators, terminal manufacturers and technology providers with a commercial interest in DVB-RCS. The object of the Satlabs Group EEIG is to bring the deployment of the DVB-RCS standard to a large-scale adoption, by ensuring interoperability between DVB-RCS terminals and systems and by achieving low-cost solutions.

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