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Integrasys Conducts VSAT Line-up at ESA Showing Two-way Terminal Installation Tool Without Hub Co-ordination



(20 November 2005) Integrasys performed a demonstration of the Satmotion Pocket low cost VSAT line-up system, in collaboration with the European Space Agency (ESA), during the SatLabs Group meeting that took place on November 15th to 17th in ESA ESTEC site, Noordwijk, The Netherlands.

The demonstration consisted of the complete configuration and alignment of a two-way broadband satellite terminal pointing to Hispasat 30° W with the only help of a compass and a Satmotion Pocket PDA tool, without requiring on-site instrumentation nor terrestrial communication support.

SatLabs Group members followed the pointing and line-up procedures at the terminal antenna site, where one single installer achieved easily, quickly, and accurately the complete set-up. In only five minutes, the installer carried out indoor unit configuration, forward link acquisition, return link EIRP and cross polarisation adjustment and, finally, installation validation using Satmotion Pocket on a wireless PDA, without co-ordination with Hispasat Network Operation Centre staff.

Satmotion Pocket is currently being used by Hispasat to guide installers in pointing and aligning VSAT's providing broadband data services to South and North America, Europe and Middle-East from 30° and 61° W orbital positions.

The SatLabs Group is an international, non-for-profit association, supported by European Space Agency (ESA), whose members are committed to bringing the deployment of the open DVB-RCS

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satellite communications standard to large-scale adoption.

About Integrasys Satmotion Pocket:

Integrasys Satmotion Pocket is a tool that allows installers to remotely display in a PDA the NOC carrier monitoring information to perform VSAT pointing and line-up. The system provides installers with a low-cost but powerful tool to perform terminal indoor unit configuration, forward link acquisition, and line-up EIRP and cross polarisation isolation on the return channel. Installers get remote real-time monitoring information from the NOC via the satellite forward link, ensuring the service on geographical areas where no other communications but the satellite are available.

(source: Integrasys)

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