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IntegraSys Announces Satmotion Wi-Fi for performing Remote Satellite Carrier Line-ups on a Wi-Fi PDA

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IntegraSys S.A., a worldwide provider of satellite carrier monitoring systems, has introduced a wireless internet based remote satellite carrier line-up tool that works on a commercial PDA and supports Wi-Fi, cellular or sat-phone connections to remote satellite monitoring stations via Internet.

The system has been designed for Two-Way Satellite Interactive Terminal (SIT) & VSAT installers to provide them with a pocket tool to perform the line-up and cross polarization isolation adjustment on the uplinked carrier used for the return channel. The PDA acts as a remote graphics terminal to control a spectrum analyzer and a solid-state input switching multiplexer located at the hub station from, virtually, any part of the world.

" Satmotion Pocket on Wi-Fi provides high speed (11 Mbps) remote access to the monitoring spectrum analyzer's main functionality and prevents the need to carry extensive equipment at SIT end user location ", said Pilar Viedma, IntegraSys VP Business Development. Users are connected to the monitoring station via wireless Internet and access the monitoring spectrum analyzer's trace information on the PDA screen in real time. Several commercial spectrum analyzer models from the main instrument manufacturers are supported by the system.

To avoid hub station coordination, the system includes a monitoring server computer and software to interface remote PDA users to the monitoring instrumentation. This server adds concurrent multi-user support, so one single monitoring analyzer can support multiple simultaneous installations. " Using standard Wi-Fi speeds (11 Mbps) , up to ten concurrent users per instrument will obtain one analyzer trace per second update rate, each using its own analyzer set-up ", IntegraSys officials said.

