



**Handbook of  
Satellite  
Services  
in Europe**  
Jan 04 issue  
available

## PRODUCT OF THE MONTH SEPTEMBER 2003

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## Satmotionpocket

IntegraSys' Satmotionpocket is a clever tool that allows an installation engineer to remotely control a spectrum analyser to perform line up test in the field using a commercial PDA as the display.

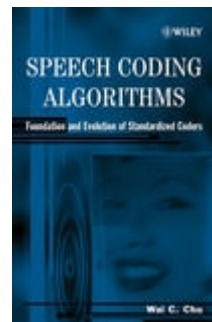
The system has been designed for two-way Satellite Interactive Terminal (SIT) and VSAT installers to provide them with a pocket tool to perform the line-up and cross polarisation isolation adjustment on the uplinked carrier used for the return channel. The PDA acts as a remote graphics terminal to control a spectrum analyser and a solid state input switching multiplexer located at a hub station.

Users are connected to the monitoring system via wireless Internet and access the monitoring spectrum analyser's trace information on the PDA screen in real time. Several commercial spectrum analyser models from the major manufacturers are supported by the system.

To avoid hub station co-ordination, 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 analyser can support multiple simultaneous installations. Using standard Wi-Fi speeds (11 Mb/s), up to ten concurrent users per instrument will obtain one analyser trace per second update rate, each using its own analyser set-up.

### Other products:

IntegraSys produces a number of other satellite signal monitoring products:



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- ✂ Orbinet: carrier monitoring system for satellite operation control centres
- ✂ Controlsat: satellite signal monitoring and line-up system for teleports
- ✂ Satmotion: mobile line-up remote monitoring

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