

UHP SATMOTION

AUTOMATIC COMMISSIONING TOOL

SCPC

TDM/TDMA

HUBLESS TDMA

POINTING

CPI / ASI

P1dB

UHP Routers have a basic built-in tool to assist antenna pointing to the satellite. The additional Satmotion Pocket system simplifies this process further and enables the end user to rapidly install a VSAT terminal using an App for iPhone, iPad, Android devices and laptops.

Satmotion Pocket is able to simplify the commissioning process as much as possible ensuring the quality and the interference-free performance of each installation by measuring Copol, Xpol and ASI. The system provides the installers with an extremely easy interface that can be understood without any specific knowledge of VSAT installations or even without assistance from the NOC.

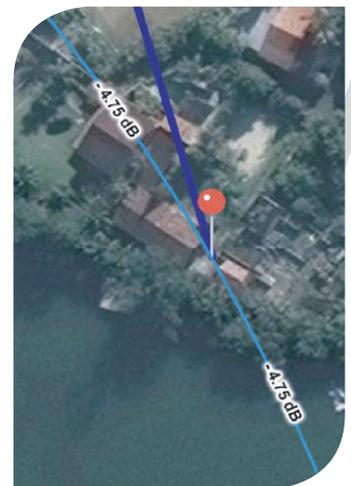
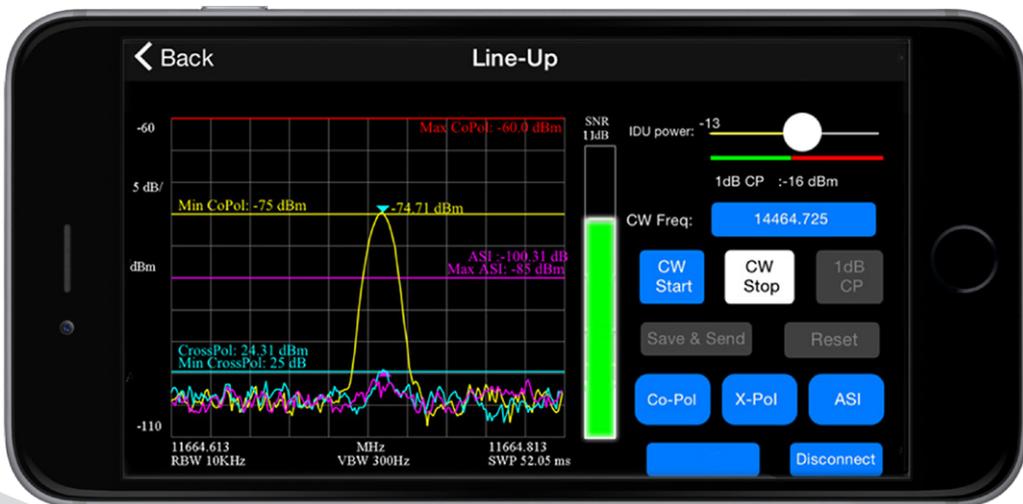
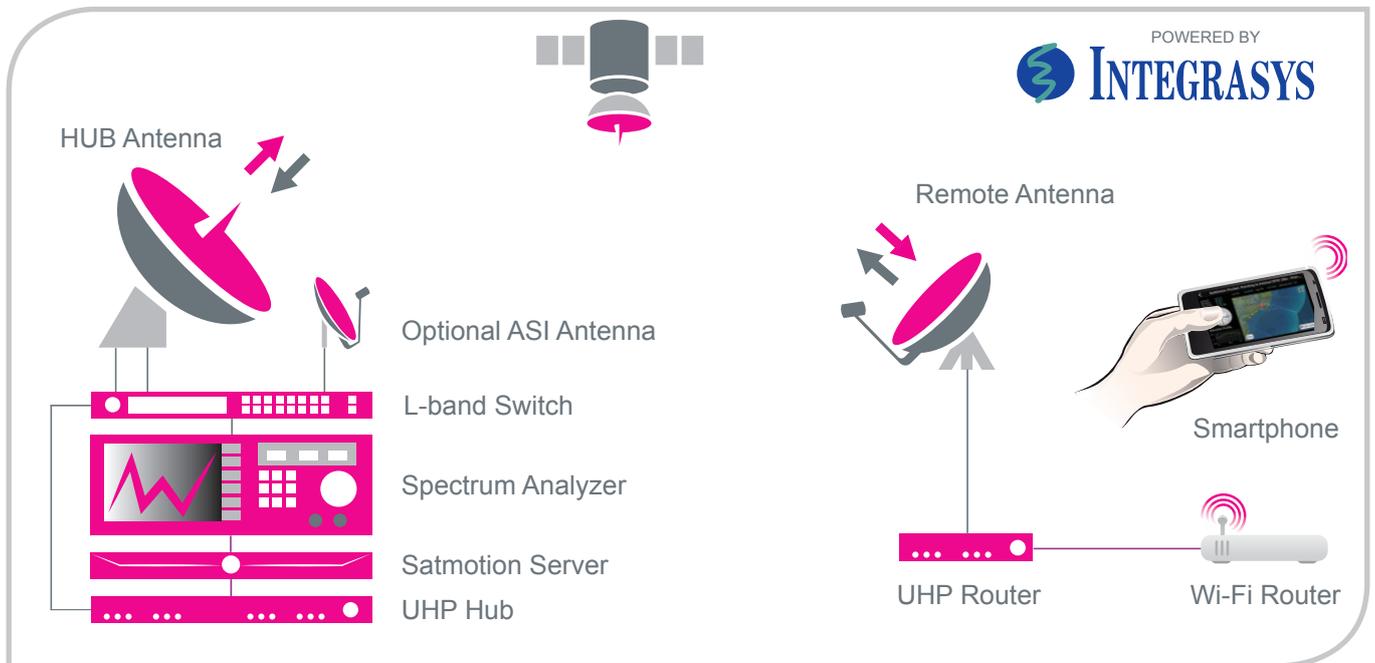
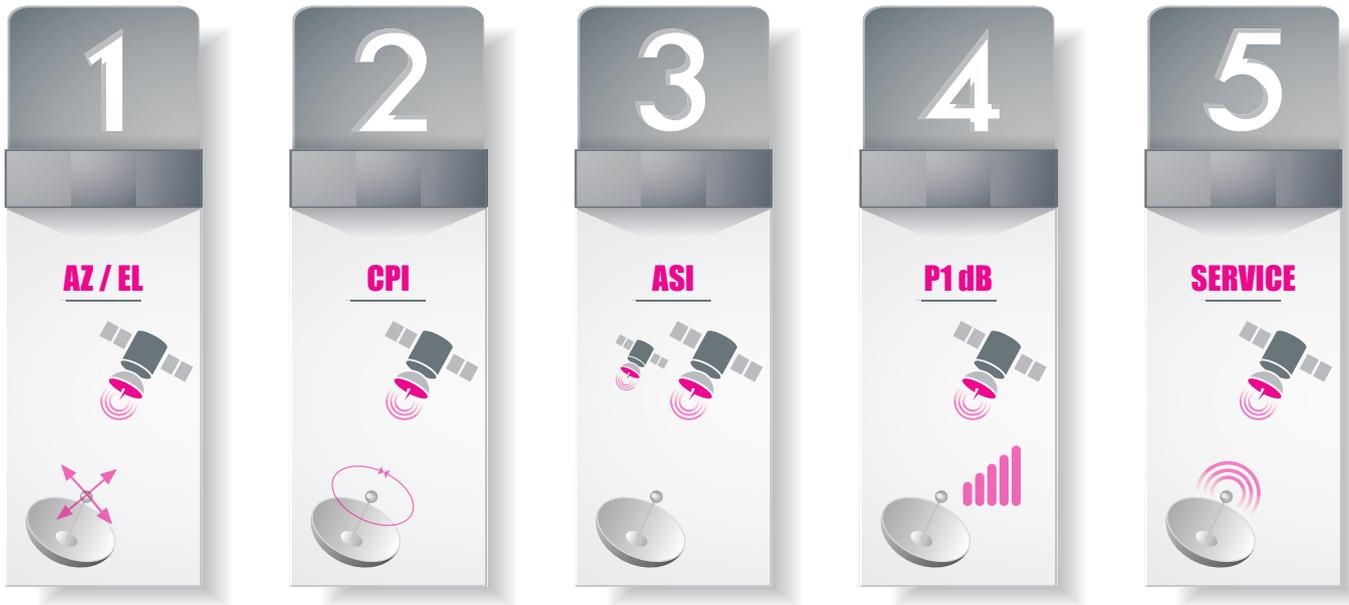
The use of an automated Satmotion Pocket system does not require an operator at the NOC/Hub and can be simultaneously performed for a large number of terminals. The terminal commissioning procedure is a simple process, which can be performed by an inexperienced user without special tools.

The precise pointing to satellite not only improves performance, but also prevents possible interference with other terminals and adjacent satellites.

- Streamlines the installation, pointing and commissioning for small, medium and large networks
- Smartphone-based tool, guiding and assisting the installer without cell phone coverage being required
- Initial pointing with integrated compass and inclination tool, showing the direction to the satellite
- Fast and accurate pointing to the satellite reduces the cost of installation and network operation
- Accurate pointing in Rx Eb/No and in Tx CW reduces satellite operator costs and improves the service
- Cross-polarization (CPI) nulling and adjacent satellite interference (ASI) mitigation
- 1dB compression point automated calculation to optimize operation mode of the BUC
- Reports are sent to the Hub with pass or fail result and detailed remote information
- High scalability: for small, medium and large networks, up to 10 concurrent installations
- Compatible with all modes of UHP routers: TDM/TDMA, Hubless and SCPC
- Support of traditional and high-throughput C-, Ku - and Ka-band satellites
- Standard industry solution and a lot of experienced professionals (GVF514 training course)



UHP SATMOTION - FIVE EASY STEPS TO THE SATELLITE



These specifications are subject to change without notice

* Available in a future SW release



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