ÎNTEGRASYS
Building success from innovation

INTEGRASYS
COMPANY PROFILE

Company

Established in 1990, INTEGRASYS was founded by the Marquess of Antella and a team of Hewlett Packard engineers, who spun-off to develop automated signal monitoring for the government. The company develops technologies for streamlining communications especially in satellite network environments.

INTEGRASYS is a software development and engineering company specialized in satellite network design, deployment, maintenance, and interference management tools for monitoring critical satellite infrastructure in the commercial and defense fields, offering a wide range of signal monitoring products, VSAT Deployment, maintenance, and link budget solutions for telcos and satellite service providers, satellite operators and governments around the globe.

Markets

Government & Defense, Aero, Maritime, Land, Broadcast & Media, Oil & Gas, Broadband & Enterprise, Earth Observation

Locations

USA (Washington DC, Tampa, Atlanta), Spain (Madrid, Seville), Luxembourg, UAE (Dubai), Indonesia (Jakarta), Australia (Sydney)

iDIRECT

ÎNTEGRASYS

On Virtualization and Remote Capabilities

When an operator's customer has issues, having the ability to remotely access and amend set-ups to resolve incidents in-house can save significant operational expenditure, not to mention keep customers happy. INTEGRASYS' remote network management technology, Satmotion, aids in-field set ups and reduces the need for site re-visits. Integrasys' ALUSAT tool also allows consistent monitoring of a VSAT site post-installation via a virtual visit to ensure optimization of operation and the minimization of costs caused by service failures.

On ST Engineering iDirect

INTEGRASYS and iDirect have formed a strategic partnership to offer enhanced solutions for satellite communication networks. This partnership combines INTEGRASYS' innovative VSAT auto-commissioning (Satmotion Pocket) and Network Maintenance (ALUSAT) solutions with iDirect's market-leading satellite communication technology.

The integration of INTEGRASYS' software solutions with iDirect's platforms enables network operators to achieve faster and more accurate satellite network alignment and optimization, resulting in improved network performance and increased profitability. Additionally, the partnership provides customers with a seamless, end-to-end solution that simplifies the management of their networks, reducing operational costs and downtime.

The partnership between INTEGRASYS and iDirect brings together two leading companies in the SATCOM industry to provide customers with enhanced capabilities to improve network performance and profitability.

Product Snapshot

Satmotion
Satmotion Pocket streamlines the commissioning process ensuring high quality, interference-free transmissions with each installation by measuring Copol, Xpol and ASI, and communicating back to the VSAT installer through an easy-to-use, intuitive interface. Satmotion Pocket was awarded as the Technology of the Year in 2014 at NAB NY and 2015 at Comsys VSAT Event. Learn more

- Initial pointing with the compass tool, showing where to point and HTS beam.
- Accurate pointing in RX (SNR or Eb/No) and in TX (Clean Carrier).
- 1dB compression point automated calculation.
- Reports are sent to the hub with the pass and fail result & remote information.
- Scalable: For small, medium, and large networks, 1 to 10 concurrent users.
- Flexible: Ideal for global networks and high throughput satellite networks.

ALUSAT
Completely automated with one-touch calibration, ALUSAT allows the real-time monitoring and remote control of ground infrastructure (VSATs) for terminal maintenance and powerful terminal recovery tools for network operators. Awarded "Technology of the Year" at SatShow 2018 and at VSAT event in 2017. Learn more

- Remote Line Up measuring Power, Compression Point, Cross-pol & ASI.
- Full NMS integration: SNR, CRC, latitude, longitude, IP & RF parameters.
- Schedule an automating power adjustment Xpol measurements and 1dB calibration.
- Automatically raises the alarm when a problem is detected in every VSAT.
- Operator-determined Rx/Tx thresholds & Alarms or notifies accordingly.
- Automated SLA analysis and report generation in Excel & PDF with plots.