

# An International Engineering SME



**INTEGRASYS**

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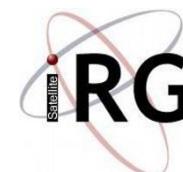
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# IntegraSys

- Spanish engineering **SME** specialized in the development of **software** and **services** for **real time** operations and critical environments in the **telecommunications, security and aerospace** sectors
- Founded in 1990, 25 engineers, offices in Spain and US
- Own-technology products on Network Operations Support
- International market: EU, US, Latam and EMEA
- Since 1995 participating in EU R&D
  - Framework Programmes: Networks, Software & Services, Security, Transport
  - ESA: Satellite Communications
  - CERN: M&C systems
  - Other: ARTEMIS/ECSEL JTI
- Participation in EU technology & standards fora:
  - Artemis-IA, Networld2020, 5G-PPP.

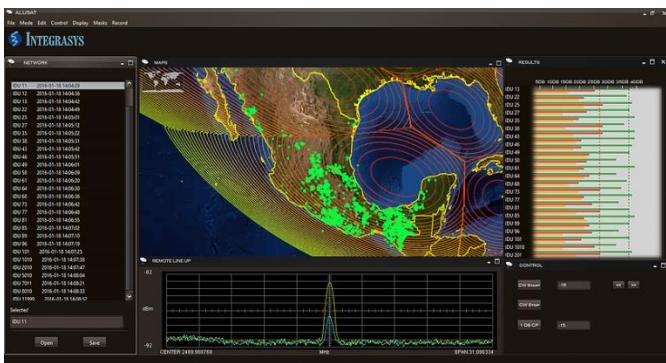
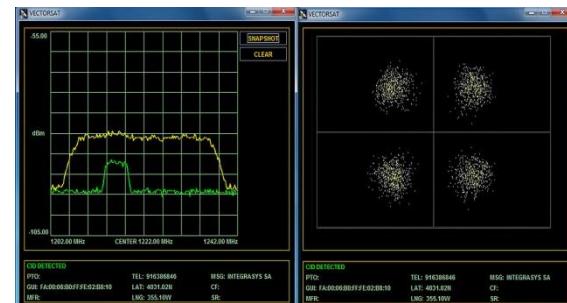
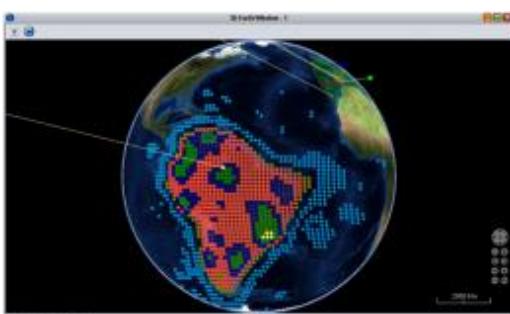
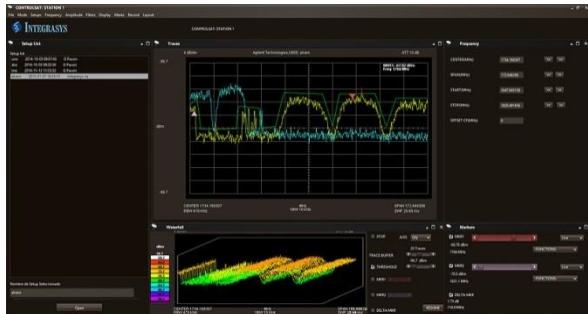


# Commercial products

## ■ Operations Support Tools for Telecom network operators and service providers

- RF Carrier Monitoring and Analysis.
- Network monitoring and management
- Deployment and maintenance of VSAT networks
- Geographical service planning. Communication Simulators
- Automated system for testing&certification of equipment
- [www.integrasys-sa.com/Products.html](http://www.integrasys-sa.com/Products.html)

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# State of the art products: Latest international recognitions



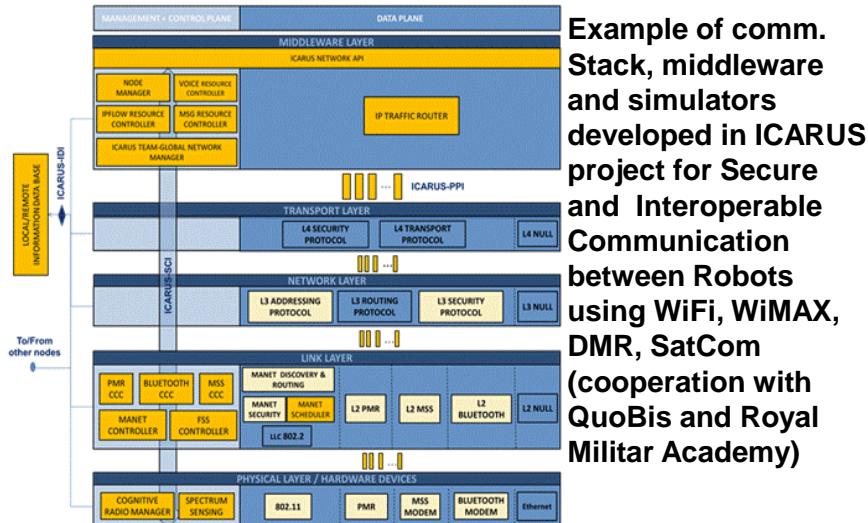
- Patents
- Winner of VSAT Technology Innovation of the Year 2015
- Winner “Most Innovative Technology” Award 2014
- Shortlisted in many Technology Awards 2013 and 2014



# Technical Capacities: What do we offer?

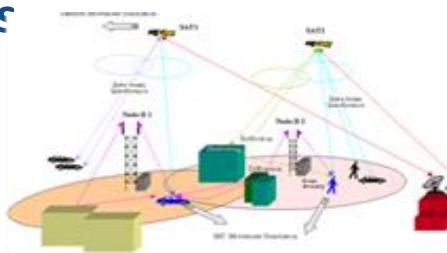
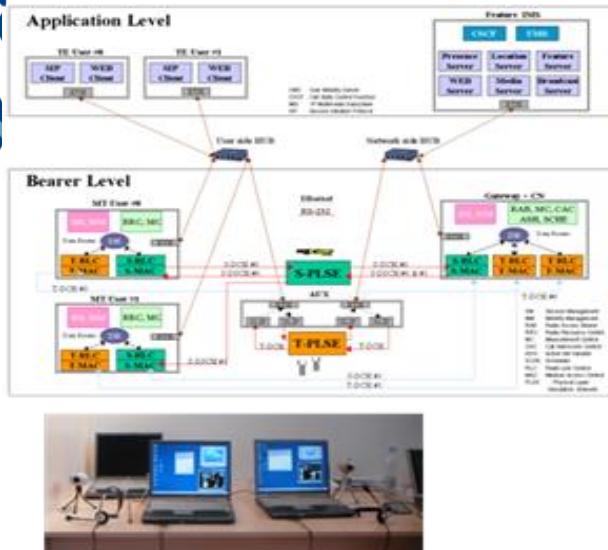
## Cognitive Network management and interoperability

- Cross-link communication stack to manage different networks
- Optimization and self-aware management and traffic routing, Dynamic reconfiguration



Example of comm. Stack, middleware and simulators developed in ICARUS project for Secure and Interoperable Communication between Robots using WiFi, WiMAX, DMR, SatCom (cooperation with QuoBis and Royal Militar Academy)

## Satellite – Terrestrial Networks integration

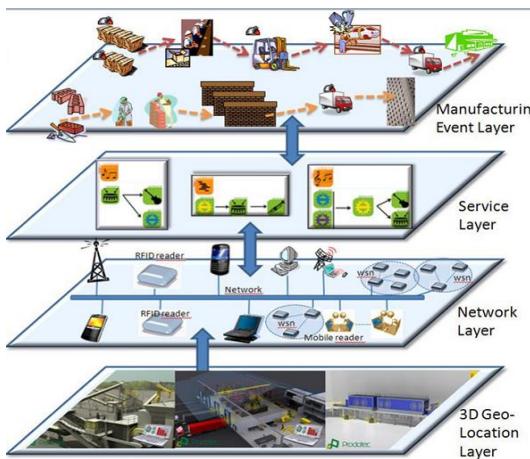


Integrated Terrestrial and Satellite network developed in SAILOR project

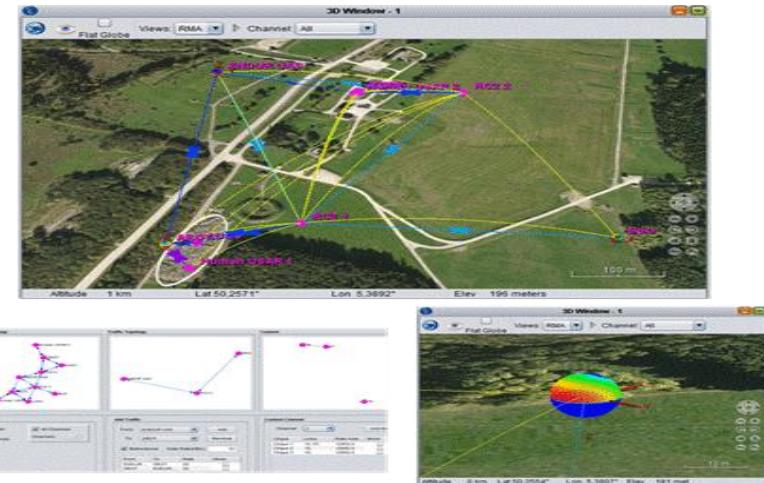
# Technical Capacities: Expertise fields

- Network management (monitoring and control) of heterogeneous network. Main products are in SatCom
- Interoperability of network based on open interfaces and middleware
  - Network operating system
- SDR, SDN, NFV
- Signal processing and Interference detection
- Network simulators
- Embedded & Real time software development. System integrator
- Vertical Markets

## ■ FACTORIES



## SECURITY: Public Safety Communication



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