ALL YOU NEED FOR DATA COMMUNICATIONS

Turnkey Solutions
Global presence

SATEL

SATEL is a Finnish telecommunications company that specialises in mission critical wireless data communication systems. As the leading radio modem manufacturer, we operate globally through our skilled distribution network. All SATEL radio modems are designed and manufactured in Finland, and everything supplied by us meets the toughest quality requirements.

Our experienced personnel, superb customer service, top quality products and operations and customer focus on everything we do are the components of SATEL’s success. Consequently, SATEL delivers the world’s widest selection of products in its field. To complete our operations, SATEL Turnkey Solutions makes sure we can serve our clients in every situation.

Our 25 years of experience is at your service. Let’s find out together how we could best help you.
SATEL Turnkey Solutions provides complete tailored data communication systems for distribution automation, SCADA and telemetry communication needs. Our solution can include, for example, a high-speed backbone network together with SATEL radio modem remote station connections.

SATEL Turnkey is an easy and time and cost efficient way to acquire a complete radio data communications network. We offer everything from engineering and project management, materials and equipment, to installation, commissioning and maintenance. Having a single source for everything saves your resources for your core business.

Every part of our solution represents the highest quality and leading edge technology to ensure reliable operation of your system at all times.

**BENEFITS**

- Time and cost efficient
- Everything from one source
- Field proven technology
Integrated technology solutions

BACKBONE SOLUTIONS

- Reliable high-speed IP backbone
- Wireless microwave links
- Fibre optic cable
- Both operator independent and public network options
- Multi-level redundancy and security solutions
- Always the best solution from the world’s leading manufacturers

NETWORK MANAGEMENT

- Total network control through remote monitoring/configuration of all communications devices in the system
- Configurable user access and security levels
- Event logging, automatic alarms
- Both SNMP and device-specific options
- Integrated system-wide network management solutions
- SCADA integration for alarms and more

REMOTE STATION

- Reliable remote station communication on VHF/UHF channels
- Operator independent
- Minimal power consumption
- Field proven solution
- Link range tens of kilometres
- Serial/Ethernet protocols
Hundreds of thousands SATEL radio modems installed and in operation around the world.

INTEGRATED SOLUTIONS

- Fully integrated communications solution tailored to your special needs
- From design, equipment delivery and commissioning to turnkey all the way
- Flexible combination of equipment and services to accompany SATEL radio modems

STRUCTURES, SUPPORTING EQUIPMENT

- Antenna towers, equipment shelters
- Equipment cabinets, MDFs, panels
- Power supplies, solar panels, power generators, batteries
- Security, fire and intruder alarms

NETWORKING EQUIPMENT

- Switches, routers, multiplexers
- Media, protocol and other converters
- Servers, firewalls, gateways
Our project management policy ensures accurate and timely communication and documentation at all stages during project planning and implementation. The SATEL risk management system guarantees that all key project risks are assessed and mitigated starting from day one.

Projects are designed, documented, delivered and tested with workmanship of the highest quality, and activities conform to all applicable quality control standards.

Occupational safety of installation and customer personnel during the system life cycle is of utmost importance for us. Further, we at SATEL understand that the environmental impact and carbon footprint must be minimized. Safety and environmental aspects are ensured through established international standards.

Careful planning leads to timely execution.

State-of-the-art technology.

Quality at all steps of the process.
SATEL TAKES CARE THAT YOU DON’T HAVE TO

The graph below describes the life cycle of a typical SATEL turnkey project from the design and engineering of the system all the way to the training of users’ personnel and maintenance handling.

With our 25 years of wireless communications experience, SATEL will take care of everything and more, so you can trust your project will be finalized as planned.

OUR MAIN PRINCIPLES ARE:

- Transparent communication and information sharing with the client.
- Highest quality standards to ensure technical success.
- Always a cooperative approach to anything that needs to be solved.
THE SATEL DISTRIBUTION NETWORK REACHES ALL CONTINENTS.

CONTACT:

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