

# Telco & ISP

## PROVEN COMMUNICATION FOR TELCO & ISP SECTOR

Telecommunication operators and internet service providers face constant pressure to expand coverage, increase capacity and ensure continuous service availability – often in challenging areas without developed infrastructure. Microwave links play a key role in connecting locations where fiber infrastructure is unavailable or economically impractical to deploy.

RACOM delivers wireless solutions that meet the standards required by global telecom operators seeking reliable, high-performance connectivity with full control over their networks.

### PROVEN IN CRITICAL NETWORKS

- 30 years of experience in critical communications
- Deployed in scale in 140+ countries
- Wide integration options

### MARKET LEADER

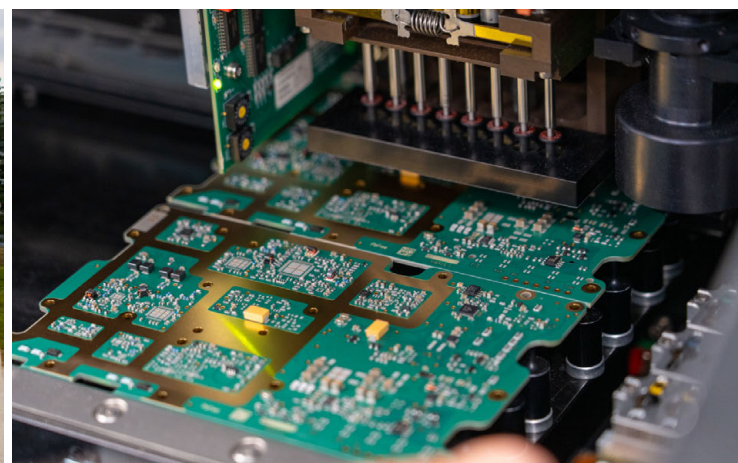
- Dynamic routing, Hybrid networks
- Unlimited number of repeaters
- MTBF > 100 years across all product lines

### 100 % CZECH DESIGN & MANUFACTURING

- Research & Development
- Assembly and testing
- Long-term lifecycle support

### SECURE BY DESIGN

- SW developed in-house
- Radio AES encrypted with auto key rotation
- Full linux networking stack



# APPLICATIONS

Our products support a wide range of telco and ISP deployment scenarios – from backbone infrastructure to last-mile access networks. Designed for continuous operation, RACOM solutions provide predictable throughput, low latency and strong security.

## Wireless Backhaul

- High-capacity microwave point-to-point links
- Throughput up to 10 Gb/s
- Long-distance line-of-sight (LOS) connections
- Carrier-grade availability



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## Last-Mile Connectivity

- Connecting rural and remote locations
- Remote capacity upgrades
- High resistance to interference
- Stable performance under heavy network load



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## Network Redundancy

- Backup links during fiber outages
- Rapid deployment and service restoration
- Independent infrastructure
- Seamless integration with existing networks



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## Temporary and Mobile Networks

- Connectivity for events and temporary installations
- Construction sites and emergency deployments
- Fast installation and dismantling
- Reliable operation without permanent infrastructure



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