

Government

PROVEN COMMUNICATION FOR EMERGENCY SERVICES AND PUBLIC SAFETY

Communication networks in public administration and the government sector support essential public services – from emergency response and transport systems to infrastructure management and public safety. These systems must remain secure, reliable and operational even during crisis situations, often across large territories and diverse terrain. RACOM provides wireless communication solutions trusted by government institutions around the world. They are designed with a strong emphasis on sovereignty, security and long-term independence.

PROVEN IN CRITICAL NETWORKS

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

MARKET LEADER

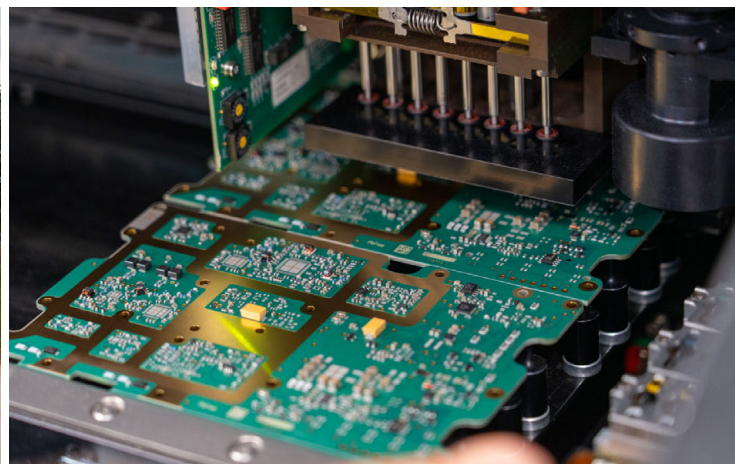
- Dynamic routing, Hybrid networks
- Unlimited number of repeaters
- MTBF > 100 years across all product lines

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 technologies support a wide range of applications in public administration, enabling secure connectivity without reliance on public networks. RACOM systems are built for controlled environments, offering predictable behaviour and allowing users to maintain full ownership of their communication infrastructure.

Emergency Services and Public Safety

- Backbone networks for voice communication
- Special-purpose communication networks for police forces
- Data transmission from ambulances
- Rapid deployment for temporary operations



RipEX
Radio Router



Transport and Critical Infrastructure

- Monitoring of tunnels, bridges and road networks
- Telemetry and alarm systems
- Long-distance radio communication
- Integration with existing dispatching and control centres



RAy
Microwave Link



Government Communication Networks

- Shared communication platforms for multiple departments
- Infrastructure fully owned by the state
- Independence from public networks
- High availability and reliability



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Environmental Monitoring

- Early warning systems
- Monitoring of rainfall, river levels and reservoirs
- Glacier movement and snow depth monitoring
- Avalanche risk warning systems



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