RapidM

Leading HF and V/UHF digital radio technology that reaches beyond boundaries.

REACHING
BEYOND
BOUNDARIES

About RapidM

Rapid Mobile is a global business-to-business supplier of premium long-distance digital radio communication technology and products. We focus on data modems, embedded modules and related technology for use with HF and V/UHF radios.

Our clients include system integrators, radio makers and resellers who, in turn, serve navies, militaries and governments, as well as industrial, civil and commercial users around the world. We have successfully provided many real-world naval, tactical, governmental and commercial communications solutions for more than 180 customers located in over 45 countries on 6 continents.

WHY HF/BLOS RADIO COMMUNICATION?

Dependence on satellites or fixed infrastructure, like undersea cables, presents various operational vulnerabilities, which could make it challenging to achieve effective strategic communication. HF/BLOS radio communication offers a unique solution that is self-owned, self-controlled and less vulnerable to jamming and destruction.

PROMISE

- Integrity of Personnel
- Conformance to Standards
- World-Class Performance
- Reliability of Supply
- Quality and Warranty
- Long-Term Product and Spares Availability
- Standardisation Roadmap
- IP-Based Communication Roadmap
- Integrated ALE Technology (2G, 3G, 4G)
- Systematic Technology Roadmaps (2G, 3G, 4G)
- Test Equipment Procedures and Training
- Accountability, Service and Support

Vision

To be the preeminent business-to-business supplier of HF and V/UHF standardised and proprietary communication system components, and be well integrated with major global communications manufacturers.

PRODUCT DIVISIONS

Naval and Strategic Communication Modems

RapidM's standards-compliant data modems, ALE controllers and ARQ protocol units enable allied nations to operate in synergy and manage complex missions by providing interoperability among a diverse set of HF and V/UHF radio communication systems.

RM10
Wideband SDM & ALE

RC10
Wideband ARQ & IP Controller

RM8
Software Defined Modem & ALE

Tactical and Joint Communications

To command, control, and support forces, RapidM's continually expanding tactical product range provides secure digital voice, position, and messaging services, even between diverse and mixed-vendor radio equipment.

RT7
Encrypted Voice / Data Modem

RT5
Tactical Terminal

RT
CommandPoint Software

RT1
In-Line Voice & Position Encryptor

Governmental and Security Communications

RapidM's governmental and security communication products empower government agencies to do their best work by improving communications reliability and offering secure long-range and beyond-line-of-sight voice, position and data services over existing HF and VHF radio transceivers.

RM2
HF & V/UHF Data Modem

RA
MessagePoint Software

RA2
Secure Voice Modem

RM4
HF & V/UHF Data Modem

Embedded HF/VHF Modem Modules

To meet the changing demands of radio makers, RapidM's range of embeddable modules provide next-generation digital capabilities to new and existing designs at minimal integration effort and lower overall project cost.

TC5
Wideband Module

TC2
Minature Module
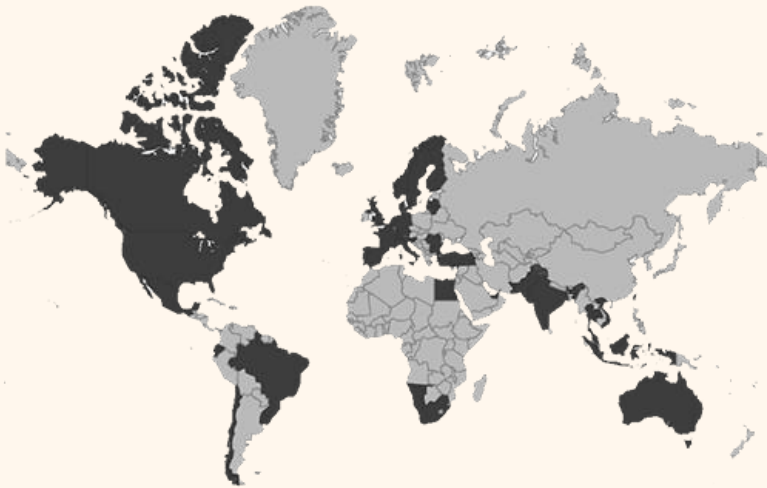
TC4-LP
Low Power Module

Evaluation Kits / Carrier Cards

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ENGINEERING SERVICES

- Embedded Product Integration Support
- System Integration Support
- Training
- Private-Labelling Product Agreements
- System Architecture Specialist Advice
- Communications Development Services
- Development of Standardised Waveforms
- Design and Engineering Assistance
- Product Adaptation Services

Core Technologies

HF and V/UHF Digital Radio Technology

Modems, ALE and ARQ Controllers for 2G, 3G and 4G

Split Site Systems

MIL-STD-188-110D

MIL-STD-188-141D

STANAG 4538

STANAG 5066 – NB and WB ARQ

Narrowband and Wideband IP-Focused Packet Waveforms for 3G and 4G

TDMA Narrowband and Wideband Waveforms for Machine-to-Machine Communications

Conformance to Standards Testing

Blue-Force Tracking PC Software

TRUSTED BY

ROHDE & SCHWARZ
Make ideas real

SAT-COM
COMMUNICATIONS SOLUTIONS

Hagenuk Marinekommunikation
A company of the ATLAS ELEKTRONIK Group

BARRETT

THALES

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