

Main Features

- Voice & Data Encryptor
- Position Tracking and Navigation
- Messaging: Chat, File Transfer, etc
- Embedded Modem (STANAG 4538)
- Command Centre Visualisation and Gateway



REACHING
BEYOND
BOUNDARIES

Enhance your existing HF and V/UHF radio network with Secure Voice, Position and Messaging services

- **RT1**
IN-LINE VOICE & POSITION ENCRYPTOR (Handheld, Manpack)



- **RT3**
TACTICAL VOICE / DATA ENCRYPTOR (Vehicle)



- **RT5**
TACTICAL TERMINAL (Manpack, Vehicle)



- ● ● **Secure Digital Voice**
RT provides the next-generation radio speech encryption solution for broadcast and private line communication. RT Secure Digital Voice (SDV) uses the new language-independent TWELP** low-rate vocoder. This is combined with powerful AES-256 encryption and modulated for HF/VHF/UHF use by a RapidM proprietary digital voice waveform.
- Position**
● ● ● Position push and pull capability of the RT units provides an up to date blue force and situational awareness picture.
- Messaging**
● ● RT provides fast accurate messaging services such as: chat and QuickText, file transfer: pictures, etc, reports: CASEVAC, SITRAP, etc, email with attachments, SMS to GSM nEtworks.



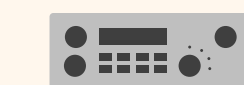
Key Management Software (KMS)

Secure key generation and distribution ensures that all over-the-air communications are end-to-end encrypted.



System Configuration Software (SCS)

Easy-to-use software allows rapid creation and distribution of address books, network parameters and device configurations.



Existing
Radio Network

- **RT7**
ENCRYPTED VOICE / DATA MODEM (Base, 19" Rack)



TacPoint



TacPoint is a situational awareness application that aids commanders in operational theatre visualisation and communication. It allows rapid and intelligent control of the battlefield for company and platoon-level commanders. **TacPoint** includes voice, text, SMS, email, file transfer, form and report message support as well as position push, pull and geofencing.

MessagePoint



MessagePoint's user interface, together with RT modems and terminals, offers users the ability to send and receive threaded chat messages and transfer files easily, efficiently and reliably over HF and V/UHF radio links. Email is supported via the POP3 and SMTP interfaces using well known email clients such as Microsoft® Outlook®.

GatePoint



GatePoint serves as bridge between networks, with the radio network on one side and email intranet and/or GSM networks on the other side. The software provides email routing, compression, prioritisation and resumption as well as ability for GSM SMS messages to be sent and received.



GSM Network



Intranet LAN

CommandPoint XL



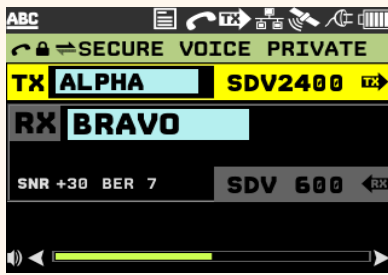
COMMANDPOINT XL is a command centre application that aids commanders in operational theatre overview visualisation as well as providing a directed voice and chat communication terminal. Force positions are overlaid on a large satellite and vector maps display whilst an operator console provides a messaging and control interface. Additionally, **COMMANDPOINT XL** also incorporates the gateway functionality of GatePoint.

Features & Benefits

- Upgrades existing radio networks
- Works over HF and V/UHF radios
- Accurate and secure communications
- Boosts operator confidence
- COMSEC and LINKSEC
- Interoperability between different radio types
- High-performance robust voice & data
- Built-in STANAG 4538 modem

REACHING
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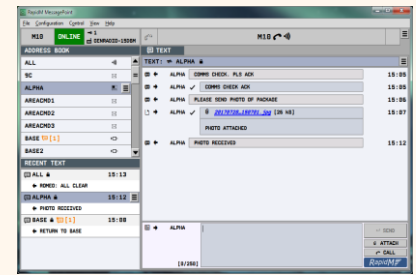
User Interface Examples



RT5/RT7
Call Screen



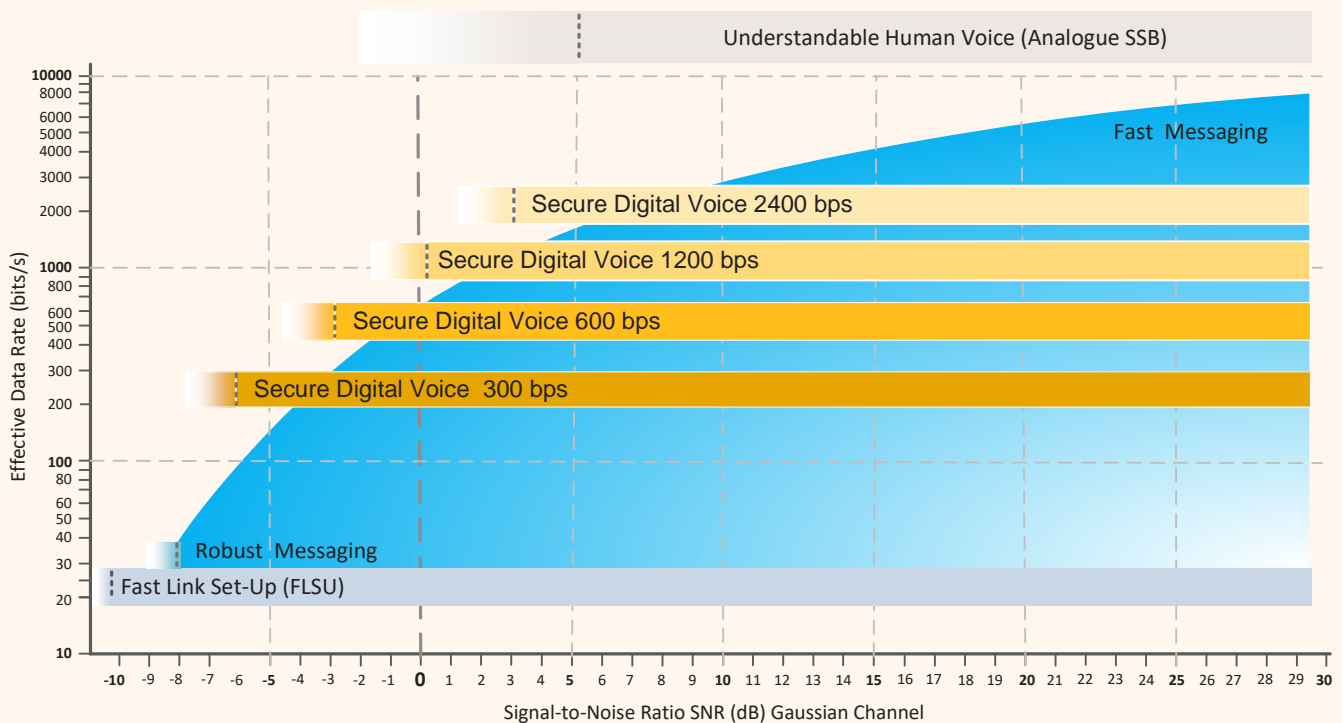
TacPoint
Map View



MessagePoint
Conversation Thread

System Performance

RT devices provide data and secure voice connectivity even in negative signal to noise environments. The blue area represents the ARQ data performance, and the orange lines the individual voice waveform performances.



RT Accessories

The RT product family has a wide range of accessories available, including various cables, cradles, headsets, handsets, mounts and pouches.

