

Industry Application - Emergency and First Responders



The Barrett Communications turn-key systems are rugged and versatile offering integrated high frequency (HF) and very high frequency (VHF) solutions. Barrett Communications systems are field proven in over 150 countries around the globe and can be easily configured to meet the customers' exact operational requirements. Barrett offers fully self-contained battery and mains powered deployable HF and VHF systems. Barrett's most powerful offering, the Rapid Field Deployment System FirstLink (RFDS FirstLink), offers fully integrated interoperability for communications over terrestrial and disparate communications systems. It allows integration of HF to LTE/GSM/UMGS/3G/4G with mobile telephony integration by NVIS Communications, Barrett's integration partner. Additionally, other RFDS systems offer integration to UHF and VHF radio systems.

The Barrett RFDS is a complete solution for extending mobile telephony and or tactical communications, combat net radio (CNR), footprint from virtually any location over short to medium and long haul distances back to base or to HF emergency government services directly. The fully integrated RFDS allows rapid deployment of a combined voice and data portable footprint, through a robust micro-cell for mobile phone users and interoperability solutions for disparate communications mediums.

Whether it's noise resistant remote control over serial, IP, fibre optic or other mediums, Barrett systems are ideal to meet the most complex installation requirements in the most austere environments, to support mission critical needs.

Barrett systems, when paired with the Barrett 2020 series high speed data modems and digital transmission software are ideal for large and small payload data, with effective data rates up to 19.2kbps and highly efficient chat modes with native language support. The unique design of the Barrett HF Systems afford integrators and end users the ability to customize their installation to meet unique and individual user requirements.

Additional Features Include:

- Two-way high speed fax and data & email transmission via Barrett 2020 system
- STANAG 4538 and 4539 Military Modems
- Secure Digital Voice & Frequency Hopping options
- Vehicle/Vessel tracking using on board GPS receiver
- SMS text paging facility
- B.I.T.E. (Built in test equipment)
- IP/WiFi Connectivity
- Network Diagnostics
- Telephone access via Barrett 2060 Telephone Interconnect Base Station allowing Radio Direct Dialed (RDD) to and from the Public Subscriber Telephone Network (PSTN)
- HF to V/UHF cross patching via Barrett Crosspatch
- High power transmission options using the Barrett 4075 Transmitter



*Barrett Rapid Field
Deployment System*

ISO 9001
BUREAU VERITAS
Certification

