Scalable communications solution

FireNet™ System

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Warfighters today operate in a network-centric, information-intensive environment that demands wide data bandwidth, network diversity, and constant connectivity. Large volumes of accurate, reliable information need to be exchanged in real-time to maintain situational awareness. FireNet system delivers that edge, as additional narrow and wide-band, or Link-16 capabilities enable the warfighter to stay connected when it matters most.

Intuitively designed for current and future fleets, our system provides a Modular Open System Architecture (MOSA) solution enabling additional Line of Sight (LOS) voice, data, and network communications from Very High Frequency (VHF) to S-Band. The FireNet system maximizes flexibility with a small, standardized footprint, minimizing integration effort for a wide range of mode and waveform capabilities for existing aircraft.

**Key benefits**
- Preserves platform investments with deployed ARC-231 radio systems.
- Optimized size, weight, and power design allows for easier incorporation into constrained platforms.
- Adds a viable growth path to third party content, allowing rapid capability fielding.
- Provides a solution using an airborne qualified system instead of using non-qualified ground radios for airborne applications.

**Battle-proven communications**

Designed to meet mission critical needs, FireNet incorporates one of two capability sets:
- **FireNet Tactical** provides two independent channels of LOS and TrellisWare® TSM™ WREN with frequency spanning VHF through S-Band.
  - Anti-jam electronic counter-countermeasures (SINCGARS, HAVE QUICK)
  - APCO Project 25
  - Scalable MANET 200+ nodes
- **FireNet Link16** is a CMN-4 Compliant Link 16 terminal that sets the tactical data link standard.
  - Four physical RF connections (1 TX, 3 RX)
  - Secure, high capacity, jam resistant digital data
  - Inter-operable with MIDS-JTRS/LVT terminals

FireNet can be used as a mount under an ARC-231 RT-1987 as pictured or as a standalone system.

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**For more information contact:**

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