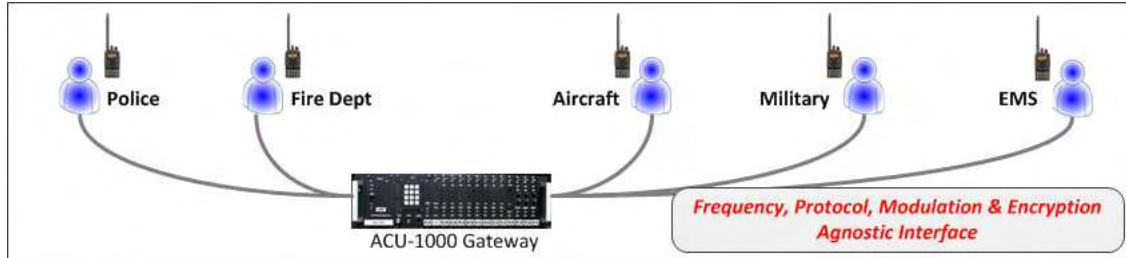


ACU-1000 / Communication Interoperability

Overview –

- Intelligent Audio Communication Gateway
- Modular interoperability system employing proven JPS DSP Technology and Radio over IP (RoIP) technologies
- Offers unsurpassed local and wide area interoperability by directly connecting or networking UHF, VHF, 700/800, HF, P25, military radios and PTT devices, Cellular and Land line telephone endpoints



- A coordinated command and control response is a top priority for governments worldwide as they focus on protection of citizens and infrastructure. From homeland security to local public safety, from mission critical military applications to the latest commercial requirement, the ACU1000 offers a robust and proven interoperability solution for incident command management
- Includes VoIP/RoIP technology to provide a means for regional, state, multi-state, and nation-wide interoperability over TCP/IP network links
- Provides three different methods of operation for system redundancy and is neither computer nor network dependent for its operation

Advantages –

- Digital Signal Processing, multiple RoIP vocoders, GUI software interface, radio templates for quick radio interface

Past Performance –

- Thousands of operationally fielded units nationally and internationally

Features / Benefits –

- Sophisticated DSP algorithms to optimize the radio interfaces
- Up to 24 channels (dual chassis)
- Noise reduction
- Adaptive hybrid, VOX, VMR (Voice Modulation Recognition)
- Adjustable TX & RX Audio delay
- Uses the JPS library of radio-specific interface cables, covering hundreds of radio makes & models
- Radio over Internet Protocol (RoIP)
- ACU-2000 IP Upgradable, which makes the unit *Bridging System Interface* (BSI) compliant for gateway interoperability
- JPS WAIS System capable
- Appropriate for Public Safety, DOD, Private Sector

EXCLUSIVE REPRESENTATIVE:





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