

## ACU-T / “Tactical” Communication Interoperability

### Overview –

- Intelligent Audio Communication Gateway in a tactical form factor
- Modular interoperability system employing proven JPS DSP and Radio over IP (RoIP) technologies
- Offers unsurpassed local and wide area interoperability by directly connecting or networking UHF, VHF, 700/800, HF, P25 radios, iDEN and PTT devices, Cellular and Land line telephones
- Control and status monitoring options make the ACU-T truly flexible and versatile. Interconnections between any of the system radios and telephones (and a local operator) can be initiated and terminated using:
  - Integral keypad and LED display
  - Remote DTMF signaling from radios and consoles
  - ACU Controller software via IP networks or serial RS-232 links



### Advantages –

- Digital Signal Processing, multiple RoIP vocoders, GUI software interface, radio templates, network remote interface

### Past Performance –

- Proven ACU technologies with 1000 + deployments

### Features/Benefits –

- Sophisticated DSP algorithms
- Up to 5 channels
- Noise reduction, adaptive hybrid, VOX, VMR (voice modulation recognition), TX & RX Audio delay
- Optional modules make it *Bridging System Interface* (BSI) compliant for interoperability between gateways of various manufacturers
- Uses the JPS library of radio-specific interface cables, covering hundreds of radio makes & models
- Radio over Internet Protocol (RoIP)
- JPS WAIS System capable
- Rugged transportable case available with battery, charger, and storage
- Appropriate for Public Safety, DOD, Private Sector



EXCLUSIVE REPRESENTATIVE:





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