



# JPS Interoperability Solutions

## ACU-T

### Executive Outline

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## Benefits for JPS Products ACU-2000, ACU-5000, ACU-T, ACU-M

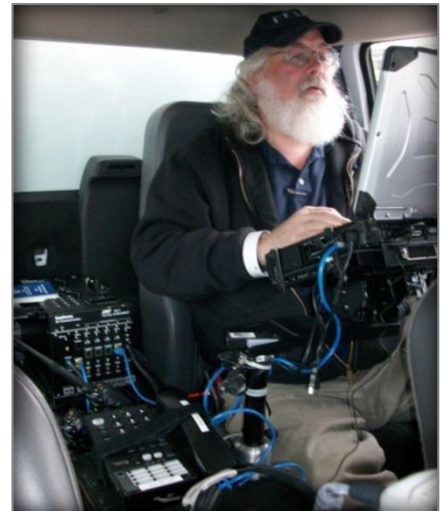
- **Suffering from typical interoperability issues between radios such as Ping Ponging, and missing syllables:**
  - Sophisticated DSP algorithms in the JPS interoperability products will help
- **Are repeater long squelch tails causing problems with your interoperability system interface:**
  - The JPS COR Inhibit and VMR (VMR-Voice Modulation Recognition) will help (COR indicates you are receiving a valid signal)
- **Need a reliable COR for AM/HF/Single sideband radios:**
  - The leading JPS VMR and noise reduction algorithms are your solution
- **Want a cell phone PTT interface that connects to the JPS interoperability product line:**
  - Use the new JPS VIA Smartphone App (powered by ESChat) which gives a PoC interface to the Z1, Z2, 2000, 5000, T, M and NXU systems, as well as optional connection to ISSI, AIS, and FirstNet
- **Is your radio phone patch working reliably with clean/clear audio:**
  - Our Adaptive hybrid in our PSTN modules will offer the solution
- **Wishing you had a reliable COR for VHF, UHF, 800mHz, and trunking radio systems:**
  - The true and time tested JPS VOX or VMR will solve this problem
- **Need Bridging System Interface (BSI) compliant protocols for your gateway interoperability:**
  - Our products meet this specification
- **Missing radio interface cables for your interoperability system:**
  - The JPS library of over 300 radio-specific interface cables and templates covering most radio makes & models is your answer
- **The JPS Radio over Internet Protocol (RoIP) is reliable and for years, customers recognize the JPS RoIP as the best in the public safety market**
- **JPS WAIS System capable (WAIS - Wide Area Interoperability System)**
- **Proper for Public Safety, DOD, commercial, education, international, and Private Sector**

## 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 start and end 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



ACU-T Tactical Package