

# COMMUNICATIONS-APPLIED TECHNOLOGY

A Veteran-Owned Small Business

Improving Radio Communications Between Aircraft Crew and Local Law Enforcement



# Background

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- Agencies like DoD have assets that local LEOs don't have
- Aircrew support LEOs with ISR
- Support counterdrug operations and fugitive apprehension
- Need a way to communicate

# Problem

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Intercoms tend to have general purpose audio ports, not radio ports

Multiband radios need to be programmed

Officer in the aircraft leads to noisy communications

# Potential Alternative



- 1) Setup is plug-n-play
- 2) Seamless operation
- 3) Supports 5 radios (or intercom)

# Example

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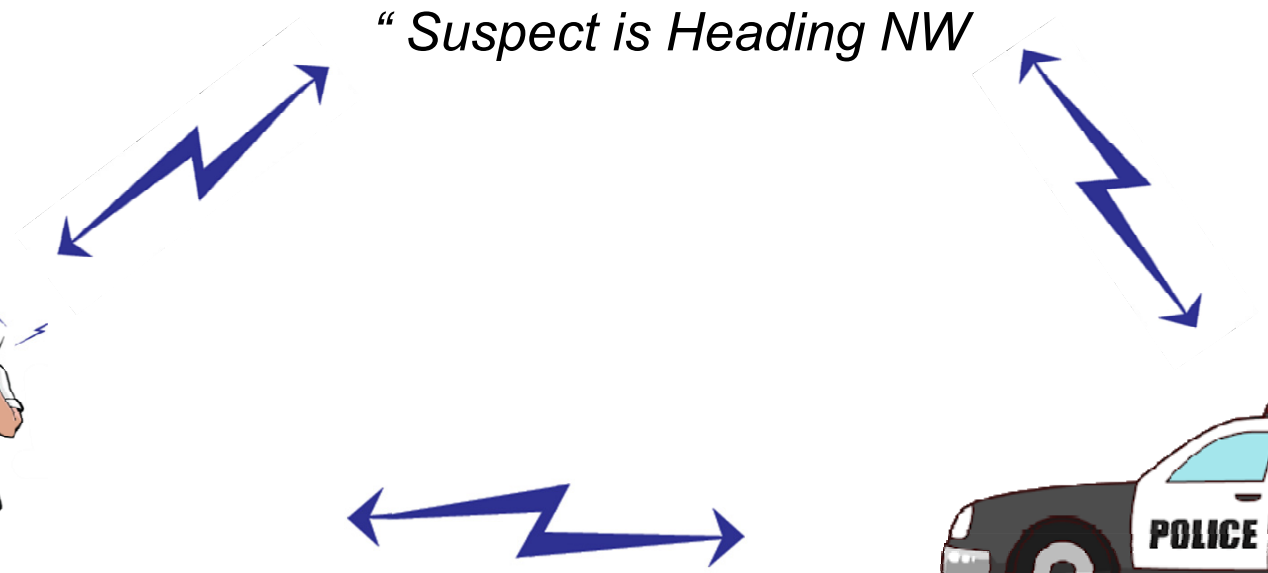
*“Suspect is Heading NW”*



*“Loud and Clear!”*

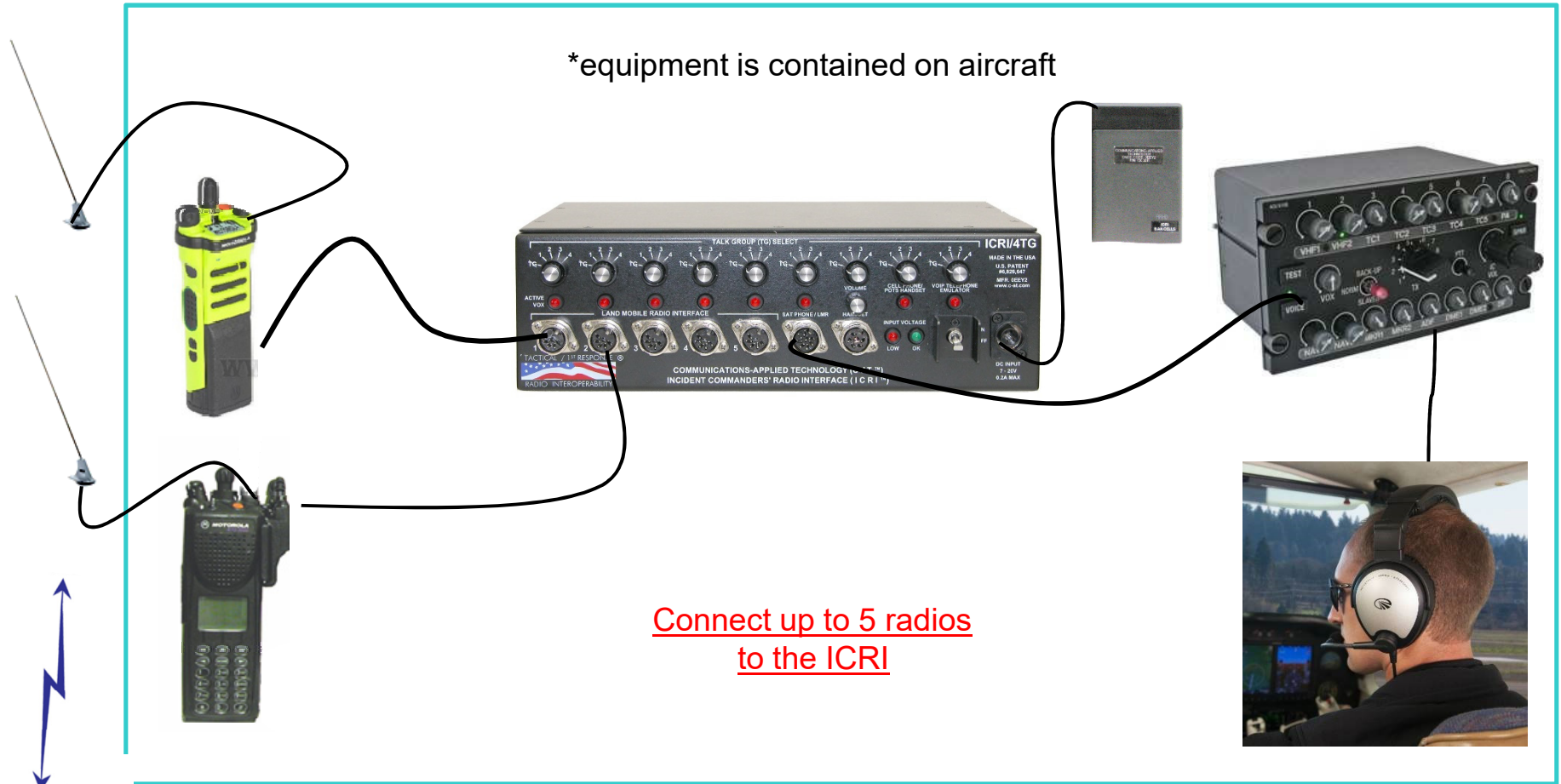


*“copy that”*



# Connection Diagram

\*equipment is contained on aircraft



# Compatible with Any of the Following

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- Any Radio Vendor
- Public Safety or Military Radios
- Any Radio Frequency
- Any Aircraft ICS
- Encrypted or Clear
- Satellite Devices
- Cellphones

# Requirements for Operation

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- Required Information:
  - Power Source
  - Radio Manufacturer and Model
  - Intercom Manufacturer and Model
- G.F.E.
  - External Antennas
  - Installation



# Current Users

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- Pilatus Business Aircraft Ltd
- Air National Guard C-26 Aircraft
- U.S. Army EMARSS
- U.S. Army National Guard  
Counterdrug
- Texas Department of Public Safety
- U.S. Marshals Service

# Customer Policy

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- 24/7 support by phone or e-mail
- Develop new cables
- Provide “30 day” field evaluation units
- Have equipment for demo

# Questions

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## For Additional Information...

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