ATAERO

All-Domain Replication System (ADRS)
Elevate Your Training Environment

Overview

The ADRS Family of Systems provides a cost-effective Live-Virtual-Constructive (LVC) solution for replicating threats with precision. Built on an open architecture, ADRS offers unmatched Command and Control (C2), threat emulation, and signal generation, all tailored to meet your unique requirements.
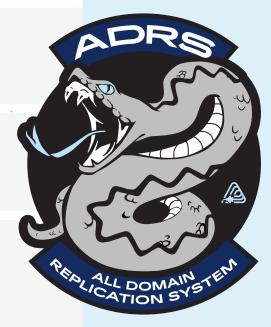
1. Product Details

- Leverages Commercial Off-The-Shelf (COTS) technology
- Bridging the best in EMS design with integrated control
- Seamlessly network sensors and emitters

2. Applications

- Enhance training ranges with adaptable environments
- Cost effective and rapidly deployable
- Perfect for "live fly" training and mission rehearsals

3. Technical Highlights

- Rapid fusion of sensors with Ataero's Integrated C2 of Emitters (ICCE) plugin*
- Emits emulated high fidelity RF signals for IADS replication
- Software Defined Radio (SDR) operations 1 – 6 GHz expandable to 20 GHz
    - Current version configured for high fidelity 8-10 GHz emissions
    - Up to 4 channel operation
- Portable and versatile
- Live aircraft integration via C2 software

ICCE is a proprietary technology of Ataero

Features

Flexible Controls
Streamlined and intuitive control systems cater to changing mission needs

Integrated Training Solutions
Combines physics-based modeling and live signal generation for an adaptable experience

Highly Mobile
Transport and customize sophisticated training environments where needed

Rapid Deployment
Quickly employ your EMS environments, enabling timely and effective training

Low-Cost LVC Solution
Transforms LVC training with rapid customization and deployment

Contact

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