

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. Benefits

- Enhance your training ranges with adaptable environments
- Economical and swift to implement
- Perfect for "live fly" training and mission rehearsals

3. Technical Highlights

- Rapid fusion of sensors with our Integrated C2 of Emitters (ICCE) plugin*
- Emits emulated RF signals for IADS replication
- Software Defined Radio (SDR) operations 2 - 6 GHz expandable to 18 GHz
- Fully remote controllable
- Portable and versatile
- Tailor-made to suit mission-specific needs



**ICCE is a proprietary technology of Atkinson Aeronautics & Technology, Inc.*



Features

Integrated Training Solutions

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



Rapid Deployment

Quickly employ your EMS environment, enabling timely and effective training



Flexible Controls

Streamlined and intuitive control systems cater to changing mission needs



Highly Mobile

Transport and customize sophisticated training environments wherever you need them



Cost-effective LVC Solution

Transforms LVC training with rapid customization and deployment



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