

Integrated Respirator Information System (IRIS)



MetroStar

**ACTION
STREAMER**

ActionStreamer, in collaboration with the United States Air Force (USAF), its expert fuel maintainers and MetroStar have developed the Integrated Respirator Information System (IRIS)—a groundbreaking wearable video platform designed to enhance safety and operational efficiency in hazardous and confined spaces.

Challenge

Airmen safety and increasing demands for more aircraft availability is challenged by using dated methods of communication in confined spaces.

Solution

By combining state-of-the-art technology with the operational expertise of the USAF, IRIS sets a new standard in hazardous environment management, ensuring compliance, efficiency, and safety for mission-critical tasks.

Benefits to the U.S. Air Force

IRIS allows U.S. Air Force attendants to monitor and communicate with maintainers inside hazardous and confined spaces.



Increased Efficiency:

- Reduce time spent and re-entries made into dangerous work areas
- IRIS will save 35,000+ annual work hours on KC-135 aircrafts alone
- POV video time - stamped to track and monitor work done
- Constant 2-way audio / video conferencing to include SME's



Quality Options:

- Operates on Wi-Fi, 5G, LTE, Wired, Guaranteed Quality of Service (QoS), Prioritize and manage multiple inbound sources
- Class 1 Division 1 (Zone D)



Increased Availability:

- ~7,000 days of additional aircraft availability per year delivered across the entire U.S. Air Force fleet of over 5,000 aircraft



Increased Safety:

- Extremely hard to monitor the health of the maintainer without communication
- Situational awareness enables increase of clear communication and early detection of potential issues



Customized Communication:

- Handle variety of transmission protocols
- Synchronized, real-time delivery of data streams
- Configurable rules engine for data & media processing

Get Started Today

Ready to transform your mission with MetroStar and ActionStreamer? Contact us today to learn more about our IRIS at Scale solution.



MetroStar

(703) 481-9581

metrostar.com/contact-us

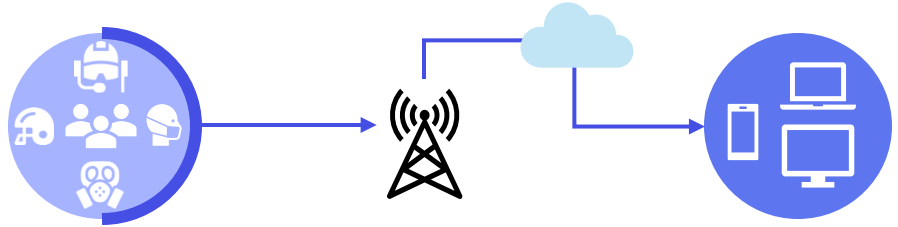


Contact Us to
Learn More

Our Approach: ActionStreamer + MetroStar

Streaming Platform:

- Data Capture Solutions
- Data Transmission
- Stream Management
- Omnichannel Media Delivery



Mission Analysis Ecosystem

- MetroStar IaaS, PaaS, & SaaS Services
- Non-proprietary, Enterprise Interoperable DoD Reference Architecture
- DAF AI/ML Experience
- Develop & Manage On-Prem AI/ML Models
- Capture & Fuse Diverse Data Streams

