



Cavok is a high-performance Tactical Situational Display (TacSit) that was purpose-built to support your RPA GCS and TOC. But Cavok doesn't just run inside your GCS. Cavok provides a collaboration framework for mission participants across your entire enterprise and across the joint forces.

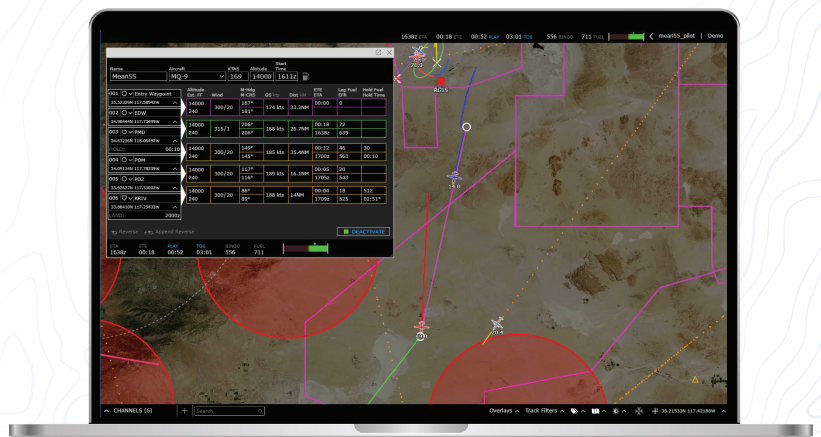
For the last 20 years, many RPA aircrew have used repurposed Common Operational Picture (CoP) displays for mission execution. But today's real-time collaborative multi-ship and multi-force RPA operations require a TacSit that can collaborate across the enterprise in real-time and in full 30 FPS motion.

### Enterprise-Wide Integration and Collaboration

Modern software systems cannot operate in a vacuum. Cavok provides operators with a seamless interface to other software systems such as AFWEBS, UVDS, MAAS, and Link-16. Cavok's Open Architecture allows third-party systems to pull from and contribute data to the Cavok system. Cavok's plugin architecture allows government, contractors, and even individual warfighters on the tactical edge to rapidly add new capabilities to their TacSit in response to changing mission requirements.

Each Cavok system runs locally but can also connect out to other Cavok systems, forming a global mesh network for collaboration. If a Cavok system loses connectivity, it is designed to gracefully degrade without losing local functionality. When the connection is restored, Cavok will sync back to the enterprise, allowing collaboration to resume.

Cavok records everything in real time and allows for instant replay for immediate feedback. This instant replay capability facilitates collaborative debrief and training, whether you're in the same room or across the world.



Visit [cavok.net](http://cavok.net) to see videos of Cavok FMD in action.

## Channelization of Data

Cavok does not flood your display with excessive information as soon as you log in. Instead Cavok presents you with an uncluttered display and allows you to join channels containing only the data relevant to your mission.

Any Cavok user can create their own open or access-controlled channels. They can add data to these channels including mission plans, targets, airspaces, threats, imagery, and more. Authorized users across the enterprise can join these channels to collaborate in real-time.

## Powerful Universal Search

Need to find a specific waypoint, tail number, airspace, or grid coordinate? Simply type your query into the universal search box to find anything you need or to quickly create new targets.

## Right Tool, Right Time

Cavok Master Modes allow you to quickly re-configure Cavok to perform a specific task, then switch back to accomplish a different task without adjusting each setting individually. Think of this like the comfort and sport modes in some newer cars. Rather than adjusting the transmission, suspension, steering ratios, and other settings individually, you simply select which mode you'd like to drive in and the system makes all the other adjustments behind the scenes. Cavok allows you to program Master Modes based on your roles and the job to be done, enabling you to switch between them at the click of the mouse.

## Platform for the Future

Cavok supports the Army's vision as a Joint Forces Multi-Domain Ops platform. Cavok's open and robust API allows you to easily develop your own custom plugins and to quickly add your new and unique capabilities. Cavok provides a powerful flexible platform to support the continuously evolving Joint MDO Doctrine.

Cavok has an active SIPR Certificate-to-Field (CTF) and has been deployed operationally for over 2 years with millions of combat user hours.

### Key Features

- Full motion data at 30 FPS
- Local performance and enterprise collaboration via mesh network
- Open architecture and API for third-party access and plugin development
- Mission data clearly organized into access-controlled channels
- Powerful universal search
- Live mission and fuel planning
- Intuitive interface with minimal user training required
- Lightweight and easily-deployable on existing hardware



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