



Cavok® is a next-generation, real-time high-performance Tactical Situational Display (TacSit). Cavok was designed from the ground up to support RPA GCS and TOCs with modern, enterprise-wide collaborative mission execution.

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

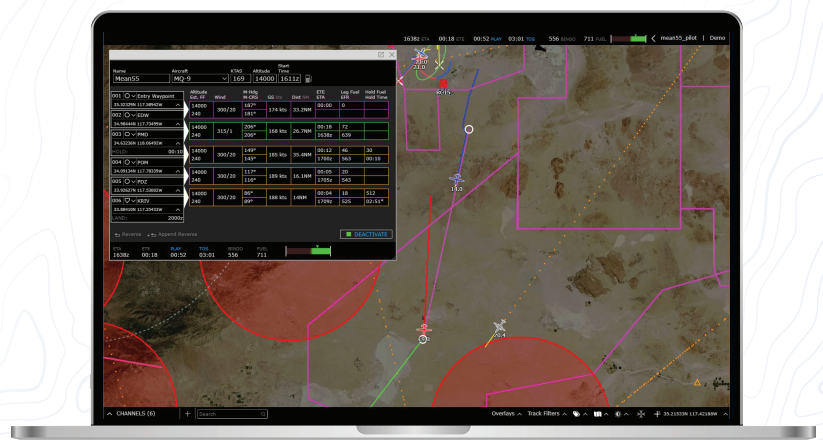
Enterprise-Wide Integration and Collaboration

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 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 to other Cavok systems, forming a global network for collaboration with a site's enterprise, or across joint forces.

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

If a connection to a system component such as Link-16 is lost, local functionality remains. When the connection is restored, Cavok gracefully syncs back to the enterprise, allowing collaboration to resume.



Visit cavok.net to see videos of Cavok FMD in action.

Channelization of Data

Cavok's sophisticated display is flexible, streamlined and uncluttered. A user joins channels containing only the data relevant to their mission.

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

Powerful Universal Search

Need to find a specific waypoint, tail number, airspace, or grid coordinate? Simply type a coordinate or text string into the global search box to find desired objects or to quickly create new targets.

Right Tool, Right Time

Cavok Master Modes allow a user to quickly 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, a driver simply selects which mode to drive in and the system makes the necessary adjustments behind the scenes. Similarly, Cavok allows the programming of functions in Master Modes based on roles and the job to be done and enables the user to toggle between them at the click of the mouse.

Platform for the Future

Cavok supports the vision of Joint Multi-Domain Ops (MDO). Cavok's open and robust API allows joint forces to easily develop custom plugins and to quickly add 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 three 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



A Service-Disabled Veteran-Owned Small Business (SDVOSBC)
<https://www.focusedsupport.com> | <https://www.cavok.net>