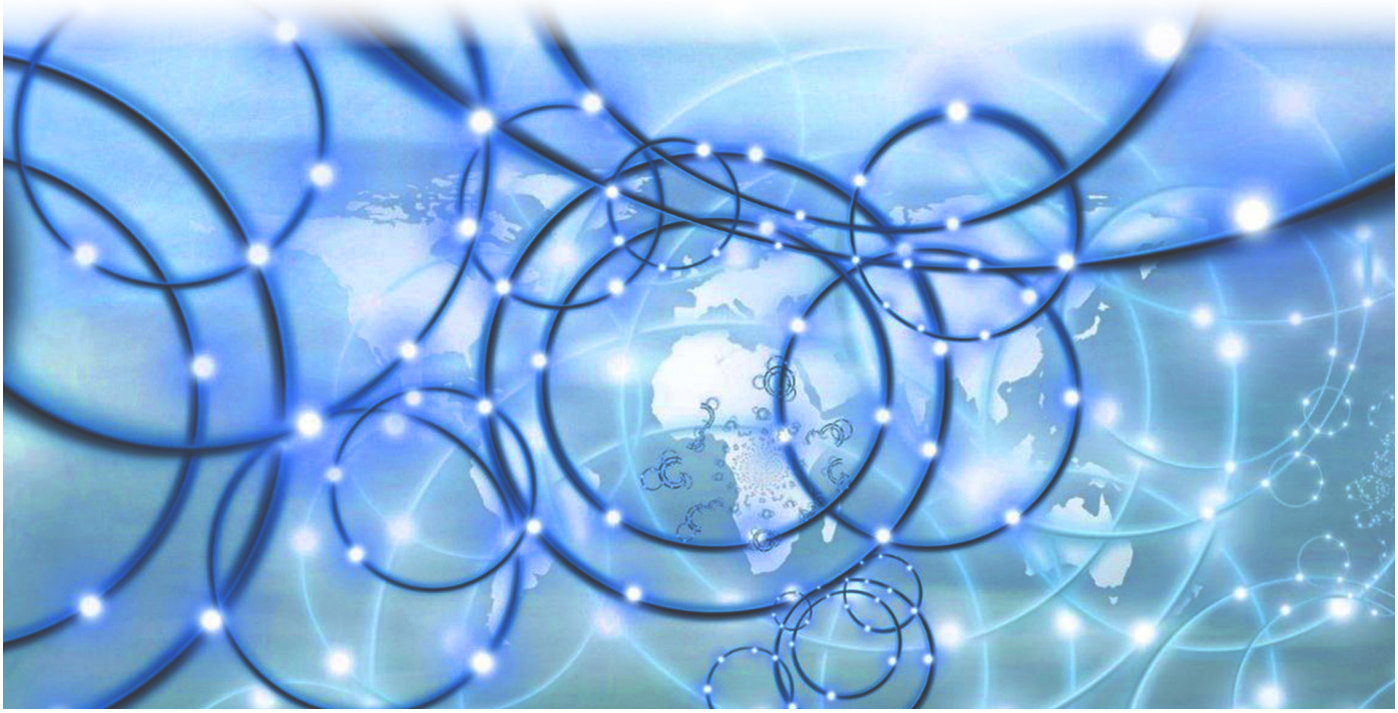
Open Hosting Platform for Rapid Integration and Deployment



Achieving information dominance by accelerating system upgrades and development of next-gen capabilities

CACI experts have identified key cost and schedule drivers for system of systems integrations across many open systems. In response, CACI developed an innovative, open hosting platform (OHP). This software-based tool provides new capability that enables rapid integration of mission applications, from any authorized provider, with easy deployment across a broad range of hardware components.

OHP technology helps customers respond to an urgent need in multi-mission operations by migrating from stove-piped systems with disparate hardware to hosted mission applications with shared hardware and common user interfaces. This improves resource utilization and operator productivity while reducing training demands.

Many national security systems are technically compliant with open systems architecture (OSA) standards but remain siloed due to vendor lock, which slows third-party application integration and increases cost and risk. OHP provides a truly open vendor agnostic alternative to these limitations. Today, several programs leveraging OHP have transitioned from prototype to production and deployment in several U.S. Army and U.S. Navy operations. CACI's OHP software platform is now accelerating upgrades for deployed systems, improving productivity, reducing cost, and enabling integrated cross-application workflows to counter advanced threats.

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Features

- Speeds up the integration of mission applications from approved providers.
- Keeps the system's architecture reliable and high-performing for systems with many applications.
- Manages resources in real-time to ensure important tasks are done well during missions.
- Creates a system that automatically fixes itself to keep running smoothly, even when there are hardware or software problems.
- Makes system setup and deployment consistent and easy across different environments.
- Handles technical debt to stay flexible and up-to-date.
- Boosts cybersecurity by moving to a zero-trust framework, using open policy agent for all mission apps integration.

Benefits

- Built for tactical on-platform applications.
- Allows third-party mission apps control their features to enhance user experience.
- Mission apps can choose the hosting services they need for the best scalability and flexibility.
- Runs mission apps together, whether as containers, virtual machines, or directly on the hardware.
- Allows installation of shared packages on the same hardware.

OSA (Industry Standard)	CACI's OHP Solution
Heavy modification required to fit mission apps into OSA framework, adding time and cost for both initial integration and future upgrade cycles as program evolves	Integration needs minimal changes, offering flexibility for third-party mission apps while keeping security tight
Only the developer can modify the OSA, creating potential bottlenecks for integrating mission apps that require changes to the OSA itself	Third-party providers can tailor OHP components to their mission apps, with provided guidelines and tools ensuring system integrity and performance

OHP – Converging and enhancing C2, EW, Cyber, and intelligence capability

OHP capability enables the convergence of command and control (C2), electronic warfare (EW), cyber, and intelligence capabilities that advance modern solutions to respond to the needs of multi-domain operations in a joint and coalition environment. CACI uses advanced technologies to support various missions and leverages the latest commercial technologies and open standards to respond to threats at the pace of the mission. OHP is a cost-effective way to quickly field mission systems, C2, EW and intelligence solutions for our customers.

OHP complies with many open standards, including commercial, Department of Defense (DoD), and Intelligence Community (IC) standards, such as:

- Commercial: World wide web consortium web components and web sockets for UI; open geospatial consortium for data architecture and mapping; IEEE VITA-49 for signal data distribution (SIGINT/EW/cyber systems).
- DoD: C4ISR/EW, modular open suite of standards, and sensor open systems architecture.
- IC: All-domain overhead cooperative operations joint interface control document, NSA, and other security policies and standards for zero-trust architectures and data marking/tagging.

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