JFAC Functions

Support - Support Program Offices by identifying and facilitating access to SwA and HwA expertise and capabilities

Develop - Develop policies, requirements, contract language, and best practices that are built upon collective experience from assurance providers across DoD

Procure - Procure and sustain a robust library of enterprise licenses for vulnerability detection and analysis

Serve - Serve as representatives of the SwA and HwA communities of interest

JFAC Assets

Assurance Knowledge Base – Repository for capturing assessment data to build a robust knowledge management repository of Software and Hardware assessments that can be shared among the service providers, security system engineers and JFAC members.

Cyber Integrator App – Tool to manage program compliance from a Cybersecurity perspective with insight into requirements and best practices, as well as an overview of progress and planned activities for a program in Cyber Risk management.

JFAC Coordination Center

Heartbeat of the JFAC and is responsible for coordinating all the activities among all the JFAC groups and serves as the primary interface to the stakeholders.

Open a ticket with us to receive support from the JFAC. Submit a ticket by going to the following URL and clicking "Ask Us Your Question":

https://jfac.navy.mil/

We will connect you to the support you need.

Documents and Resources

JFAC Reference Library including:

Assurance Policy and Guidance

- Defense Acquisition and Systems Engineering
- Program Protection, Systems Security Engineering, and Systems Assurance

Contract Language

JFAC Toolbox

- Information on Assurance Tools and Techniques
- Survey Reports on use of Enterprise Software License

Reports and Publications

- Whitepapers on Services and Assurance Topics
- Cybersecurity Test and Evaluation Capabilities and Gaps
- Assurance Metrics
- Penetration Testing
- Assurance Counter Measures

Best Practices

Training

- Training materials from JFAC sponsored events
- Assurance and Cyber Training Resource Links

Contact Us/Support

To access these resources, reach out for a service provider, or for other assistance, please contact:

https://jfac.navy.mil/#sec-Help

JFAC Portal:

https://jfac.navy.mil/

SharePoint Site:

https://intelshare.intelink.gov/sites/jfac/

Joint Federated Assurance Center

The JFAC is a federation of DoD organizations that promotes and enables software and hardware assurance by providing expertise and support to defense acquisition programs and supporting activities.

For information contact:
https://jfac.navy.mil/#sec-Help
SharePoint Site:
https://intelshare.intelink.gov/sites/jfac/

JFAC Objectives

1. Support program offices by identifying and facilitating access to DoD SwA and HwA expertise and capabilities to reduce vulnerabilities in fielded DoD systems
2. Assess capability gaps over time and recommend plans to close gaps
3. Develop recommendations for initiatives in support of the DoD R&D strategy to innovate vulnerability analysis, testing, and protection tools for SwA and HwA
4. Enable efficient collaboration and use of SwA and HwA capabilities
5. Serve as the DoD point of contact for SwA and HwA interdepartmental and interagency efforts
6. Develop and sustain a Department inventory of SwA and HwA resources, including tool licenses

Service Providers

The JFAC has a list of registered software and hardware assurance providers who are ready and available to assist you with your program assurance needs.

Registered Service Providers and their capabilities are available on the JFAC Portal at the following URL:
https://jfac.navy.mil/#sec-Find

If you are a Service Provider and would like to register your services with JFAC, we are ready to help. Please contact us here:
https://jfac.navy.mil/#sec-Help
To open an Assurance Provider ticket, and we will get the process started.

Software Assurance

Software Analysis Services

Through its SwA service providers, the JFAC may assist its customers on request with their program evaluation needs, to include:

- Static source code analysis
- Dynamic binary analysis
- Static binary analysis
- Web application analysis
- Database analysis
- Mobile application analysis

Software Engineering Services

JFAC Service Providers offer life cycle software security engineering services, including, but not limited to:

- Subject Matter Expert (SME) support for:
    - Software Security Design
    - Criticality Analysis
    - Supply Chain Risk Management
    - Milestone Reviews
    - Sustainment Support
- Identification of applicable SwA requirements from policy, standards, instructions, and guidance
- Assistance with SwA contract language
- Assistance with SwA metrics
- Evaluation and recommendation of appropriate SwA tools for developer use
- Integration of SwA tools into the software development, test, & sustainment environments
- SwA training for management and software engineering staff

Hardware Assurance

Hardware Analysis Services

Through its HwA service providers, the JFAC may assist its customers on request with their program evaluation needs, to include:

- Evaluating program requests, threats, supply chain risks, and other factors
- Providing subject matter expert (SME) support for HwA matters to programs on technical issues
- Identifying applicable HwA requirements for a program from relevant sources
- Providing assistance with developing and tracking HwA metrics

Technical Assessments

Technical assessment service providers may also assist customers in conducting assessments of DoD hardware and components that may include, but are not limited to:

- Evaluating initial indicators of trust or reliability concerns quickly with low cost
- Providing recommendations on the scope and scale of any other required/suggested technical assessments
- Assessing and recommending the selection of appropriate HwA tools
- Determining if more in-depth information or analyses may be required
- Coordinating with Service Providers on capabilities needed for detailed technical assessments
- Assisting JFAC customers in the selection and/or understanding of HwA capabilities and services