Joint Federated Assurance Center NDIA Mission & Systems Engineering Conference

Mr. Brian Nowotny
Director, Joint Federated Assurance Center
Office of the Under Secretary of Defense for Research and Engineering
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Joint Federated Assurance Center

Director: Mr. Brian Nowotny

Mission: The Joint Federated Assurance Center (JFAC) provides a federation of software and hardware assurance capabilities across the Department of Defense (DoD).

Vision: Building Trust through Holistic Assurance

Origin: Fiscal Year (FY) 2013 National Defense Authorization Act (NDAA) Section 933 (Software

Assurance), FY 2014 NDAA Section 937 (JFAC), 2015 Deputy Secretary of Defense JFAC Policy Memo

System Application: DoD weapon systems, DoD information systems, and national security systems

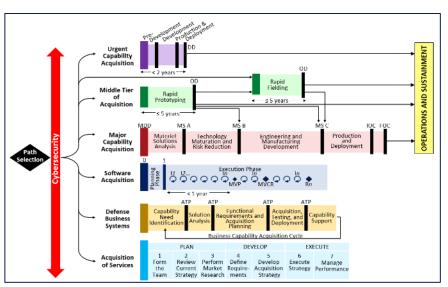
JFAC Strategic Goals

- Stay ahead of the threat landscape
- Migrate towards holistic assurance across the lifecycle
- Maximize discovery and utilization of federated assurance resources
- Mature assurance technologies and deliver capabilities at the speed of mission
- Provide affordable and scalable assurance solutions





Holistic Assurance Across the Lifecycle



Across the Lifecycle

Supply Chain Assurance

Mission Assurance

System of Systems Assurance Interoperability

System Assurance

Information
Weapon Systems National
Systems Security Systems

Hardware Assurance

Software Assurance

Subsystem Embedded Applications

Assemblies |

Parts

Data

Operating Systems

Microelectronics Autonomy

Artificial Intelligence

Assurance Principles

Digital (Machine-Consumable)
Modular Assurance Evidence
Composable
Traceable

Traceable

Automated

Aggregated

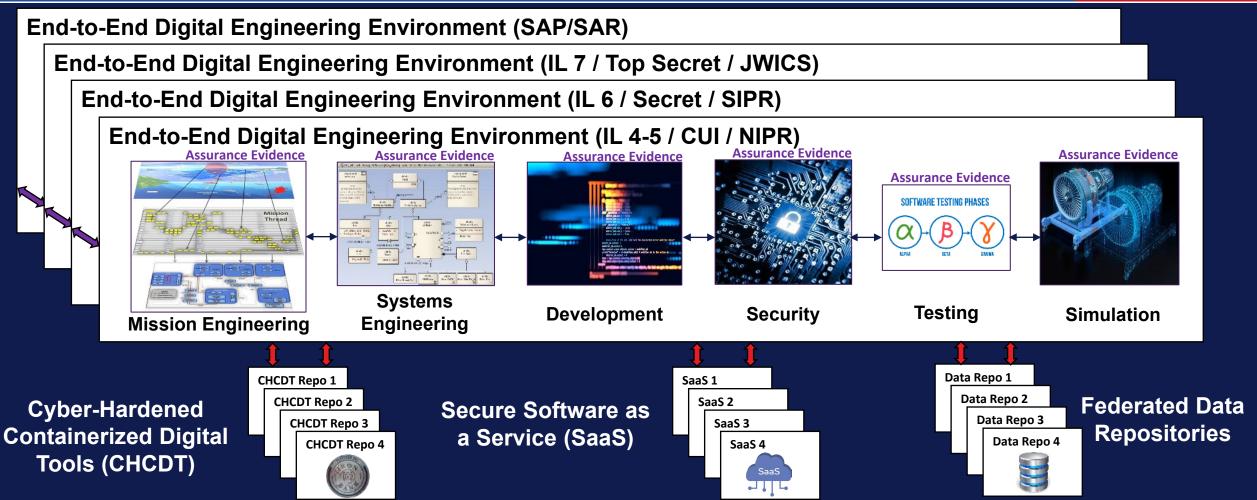
Enterprise-View



Operational Run-Time Assurance



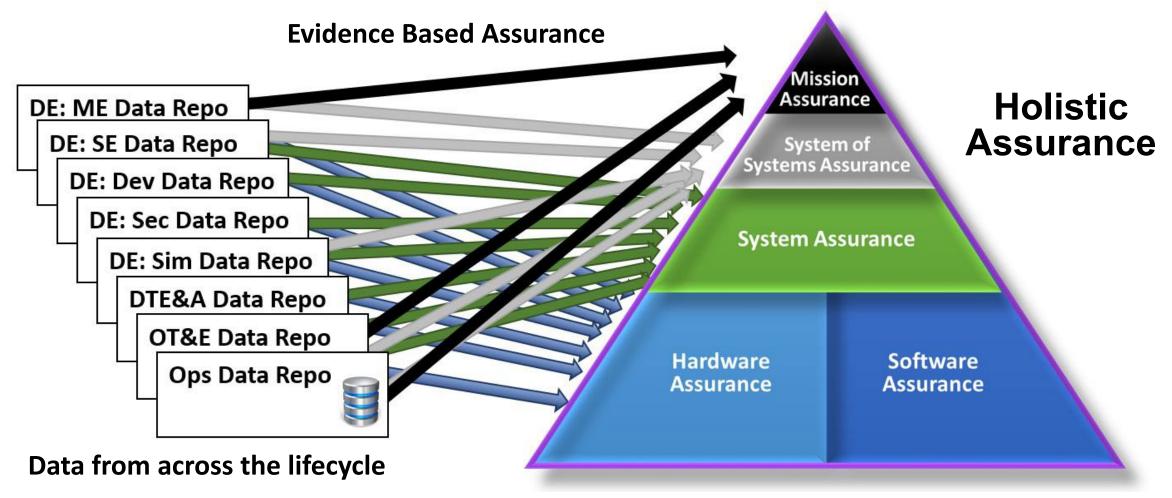
Enabling Digital Transformation: Program-Level Digital Engineering as a Service (DEaaS)



Accredited Infrastructures, Federated Digital Tools and Data, Streamlined End-to-End Workflows, Enterprise Collaboration



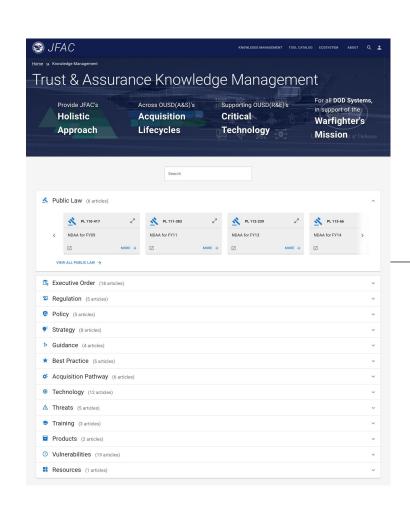
Federated Data Enabling Holistic Assurance

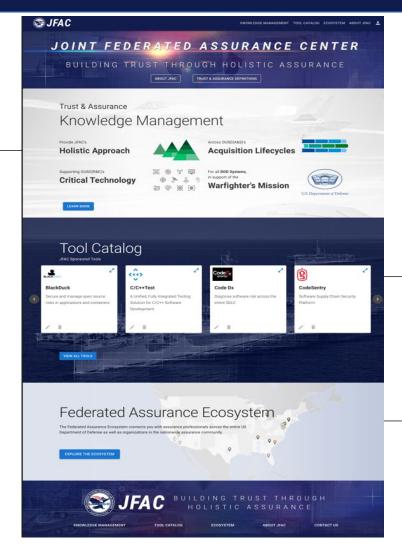


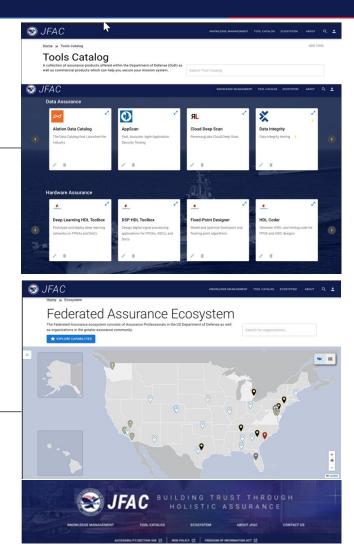
Federated-Data, Evidence-Based, Holistic Assurance for Mission Effective Decision Making at Speed & Scale



JFAC Enterprise Capabilities JFAC Portal







JFAC Home Page: jfac.dso.mil



JFAC Collaboration Partners



Department of the Air Force



Acquisition & Sustainment



Office of the Director of National Intelligence (ODNI)



Department of the Army



DoD Chief Information Officer (DoD CIO)



Director
Operational Test &
Evaluation



Department of the Navy



Chief Digital & Al Office (CDAO)



National Reconnaissance Office (NRO)



Joint Chiefs of Staff



US Cyber Command

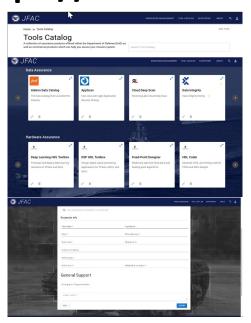


National Security Agency (NSA)



JFAC Engagement Opportunities

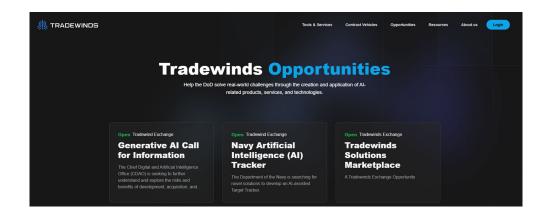
JFAC Portal https://JFAC.dso.mil



JFAC Assurance Tool Catalog

- Add your institution's product
- Update product information
- Provide product demonstration videos
- Identify product training materials

JFAC Acquisitions https://www.tradewindai.com/



Previous Announcements

- Assurance Tool Catalog
- Assurance Tool Platform
- Automated, Enterprise-Scale, Assurance Case Framework



Questions?