It is a top priority for DoD to reform its acquisition processes in order to acquire, deliver, and iterate on our weapon and business systems - including software- at speed and scale for our Warfighter.

To meet this challenge, 1 am directing all DoD Components to adopt the Software Acquisition Pathway (SWP) as the preferred pathway for all software development components of business and weapon system programs in the Department.
SECDEF Pete Hegseth, 6 Mar 25

Army Partnership Intermediary Agreement (PIA)

How TheTAC and IT-AAC are driving Defense IT Acquisition Reform and Digital Transformation Capabilities at the Speed of Need

IT Acquisition Advisory Council & Technology Advancement Center

Overview of Partnership Intermediary Agreement hosted by Army CIO/ACC/ARL

IT Acquisition Advisory Council
The Technology Advancement Center

Team IT-AAC is Public/Private Partnership of standards bodies, innovation labs and just-in-time SMEs that collectively provide an agile and evidenced based SCRM/SBOM tech assessment process, leveraging an elastic pool of just-in-time SMEs and a virtual network of testing facilities that proven to deliver decision quality results in rigorous IT assessment at scale. As DOD accounts for less than 1% of the Global IT Market, it is critical that we reach outside the confines of the Federal IT sector, and deeper into the expertise, innovations and standards of practice driven by both Silicon Valley and Fortune500.
IT-AAC's unique partnership of leading standards bodies, do tanks and IT communities of practice are well positioned to accelerate adoption of commercial innovations at the speed of need, leveraging Agile Methods, Metrics and Honest Broker Capabilities already vetted by DoD, leading FFRDCs and GSA.
Measurable, repeatable, scalable, transparent and conflict free!

- ➢ John Weiler, Exec Director, Interop. Clearinghouse & Chairman of the IT-AAC
- ➢ Gregg Smith, Executive Director, The TAC (PIA Prime)
- ➢ Gary Wang, Research Fellow, former Army DCIO, OUSD (I) CIO
- ➢ Lt General Dennis Crall, former Joint Staff J6
- ➢ Dennis Nadler, Chief Architect
- ➢ Gus Hunt, former CIA CTO, IT-AAC Fellow
- ➢ Dr. Georgia Shea, Chief Technologist, Foundation for Defense of Democracies, IT-AAC Fellow

IT-AAC Corporate Overview

ITAAC Corporate Snapshot

- Founded in 2000 as a 501c (6) Consortia
- Forges Public/Private Partnerships as an Honest Broker of emerging IT/Cyber Standards, Innovations and Tech Assessments/Testing
- Support Congressional and Pentagon Leaders to drive sustainable IT Acquisition Reforms, through SMEs, Process and Technology
- Partnered with 23 NGO/SDOs
- Public Policy and Strategy guiding and implementing policies favorable to commercial solution providers (FITARA, CCA, EO14036, IT MGT Act)
- Competition Advocate, especially when bias or monopoly abuses shows itself in IT acquisitions.
- Strategic Capture; providing deep insights into agency planning, architectures and mission gaps
- (COTS, XaaS, Cyber, Cloud); IT-AAC is a one stop shop for Public Sector acceleration and efficiency
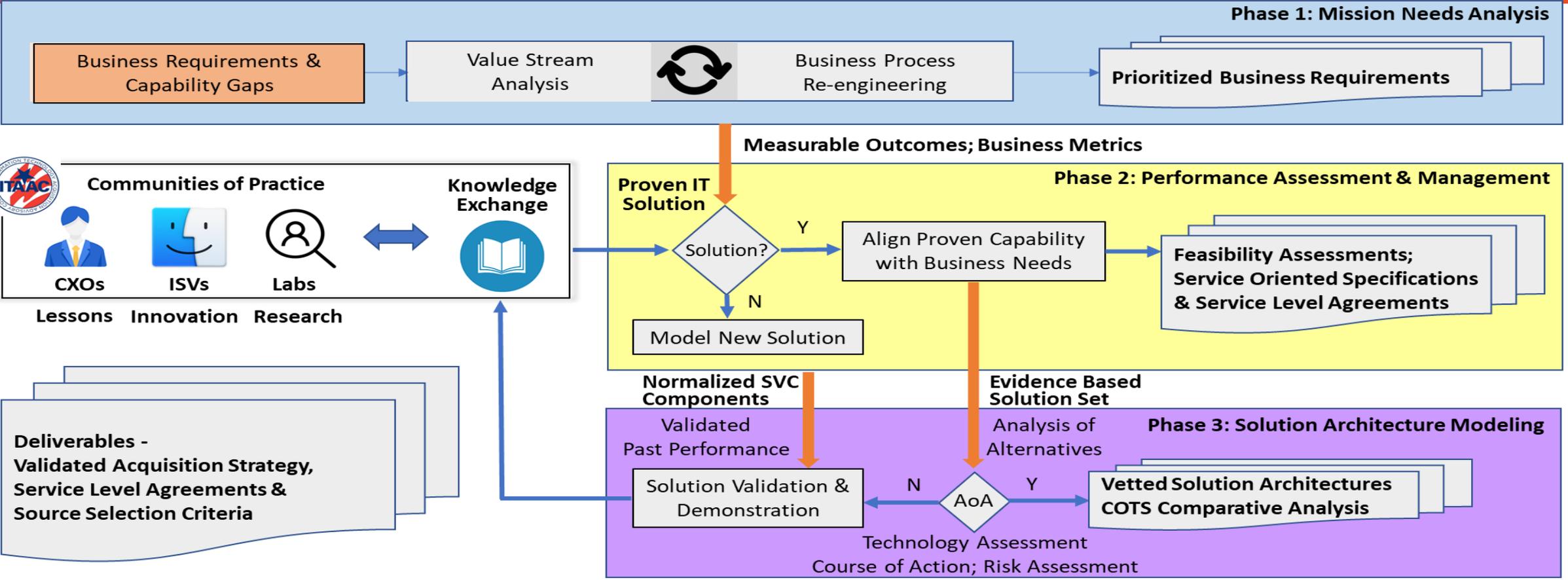
Industry Partners

IT-AAC Capabilities

IT-AAC is a Honest Broker of emerging innovations, standards of practices and assessment results driven by Fortune500 and Silicon Valley. We are dedicated to Digital Transformation and Supply Chain Risk Management, needed to accelerate and assure Digital Transformation at the speed of need. Key enablers include -

- **Just-In-Time Tiger Teams** critical to improving workforce competencies and skills. This model has been promoted by OMB and Congress as a means of mentoring the workforce and upskilling the Digital Workforce.

- **Rapid Tech Research & Assessment**, built on NIAP and AF Solution Assessment Process (ASAP), exceeding DFAR, CCA, FITARA, and NDAA Sec 804 mandates. This includes SBOM, ZTA, and related NIST Standards

- **Agile Methods,** Design Patterns, and Digital frameworks with quantitative analysis and based on evidence. Our DOD/FFRDC approved approach is derived from commercial best practices and adapted to meet FITARA, IT MGT Act and White House policy directives.

- **XaaS/Cloud Standards of Practice** - Service Level Management, Risk Assessment Tools, Governance Models developed by SDO partners and enhanced by Global 500 companies.

- **Tech Proving Grounds** a virtual innovation lab composed of Universities, Standards Bodies, Communities of Practice, Innovators and SMEs that are not vested in the status quo, reaching deep into a $4Trillion global IT market.

Agile Frameworks

Phase 1: Mission Needs Analysis

Business Requirements & Capability Gaps → Value Stream Analysis ⟳ Business Process Re-engineering → **Prioritized Business Requirements**

Measurable Outcomes; Business Metrics

Communities of Practice — CXOs (Lessons), ISVs (Innovation), Labs (Research) ↔ **Knowledge Exchange**

Proven IT Solution — **Phase 2: Performance Assessment & Management**

Solution? — Y → Align Proven Capability with Business Needs → **Feasibility Assessments; Service Oriented Specifications & Service Level Agreements**

Solution? — N → Model New Solution

Normalized SVC Components — Validated Past Performance

Evidence Based Solution Set — Analysis of Alternatives

Phase 3: Solution Architecture Modeling

Deliverables - Validated Acquisition Strategy, Service Level Agreements & Source Selection Criteria

Solution Validation & Demonstration ← N — AoA — Y → **Vetted Solution Architectures COTS Comparative Analysis**

Technology Assessment
Course of Action; Risk Assessment

| AAM Tools | Problem Statement | Capability Analysis | Solution Determination | Capability Prioritization | Feasibility Assessment | Economic Analysis | Roadmap Planning | Risk Assessment |

IT-AAC Capabilities

Cyber Wellness Metrics and Incentives

✓ Measure what matters; risk, cost, outcomes. (CMMC)

✓ You can only manage what you measure, build controls into contracts that measure risk/value/cost of all delivered and managed systems

✓ Establish Secure Solution Architecture Assessment Framework

Upskill and Mentor Digital Workforce & Culture

✓ Adopt Agile Acquisition processes that enable continuous measurements of risk/value/cost

✓ Clarify stake holder roles that enable Mission Focused, Evidenced Based, Data Driven decisions

✓ Reward decision making, risk taking and outcome based approaches

✓ Incentives Suppliers to embrace Cyber/IT standards driven by Fortune5000

Service Level and Risk Management

✓ SLAs that treat software enhancements and maintenance as a service; track levels, penalties, credits

✓ Align SLAs with Mission Outcomes and Incentives

✓ Cloud, SDN, PaaS, Cyber are performance driven

✓ Cyber Resilience must be architecturally driven

Transform Defense IT Acquisition

✓ Build out the Acquisition Assurance Method (AAM), a Risk Based. Data Driven Decision Analytics SDLC

✓ Start with Capability Based, Mission focused outcomes (Sec809/804)

✓ Align requirements with commercial standards and market capabilities (MOSA)

✓ Remove "make bias", leverage 80% COTS solution that are service oriented and open

✓ Buy proven, measurable outcome based on evidenced based research

The TAC Capabilities

Tech Scouting Small Business & Academic Engagement

TAC helps USG connect with small businesses and academia in delivering innovative solutions to address key DoD challenges.

Workforce Development & Training

TAC bridges the technology and cyber talent gap by inspiring students and the military building skills through hands-on events and partnerships.

Proof of Concept Innovation & Risk Management

TAC creates rapid prototyping events, develops prototypes, provides DoD and companies with product evaluations, systems level testing.

Located in Columbia, MD the TAC is a Non-Profit 501- (C)4 established in 2018. The facility is 75,000 sq ft containing labs, 6 critical infrastructure cyber ranges, classrooms and large meeting areas. The team consists of highly experienced former DoD & IC technical personnel, entrepreneurs and venture capitalists. TAC has significant expertise in offensive & defensive cyber, zero trust, encryption & AI and tech transfer.

tac

ITAAC

IT-AAC Proving Grounds Partners
Represent Fortune500, Silicon Value and Drivers of the $4T Global IT Market

IT-AAC Partners	Agile Methods	Cloud/HCI	Innovation Access	IT Risk Mgmt	Industry Best Practices	Pilots & Contracts	IT Policy & Compliance	#Companies (SMEs)
ANSER Corp	√		√	√	√	√	√	325+
Cloud Security Alliance (CSA)		√	√	√	√	√		48,000
USU Space Dynamics Lab	√	√	√	√	√	√	√	750+
Interoperability Clearinghouse (ICH)	√		√	√	√	√		360
Info Systems & Security Group (ISSA)		√			√		√	10,000+
Object Mgmt Group Industrial Internet Consortia	√	√	√	√	√		√	800+ 250+
OMG/Digital Twins			√	√	√	√	√	1,600+
NDIA		√	√	√	√	√		16,000
Consortium for IT SW Quality (CISQ)			√	√	√	√		600+
Telecommunication Industry Association (TIA)		√	√		√		√	290+
TheTAC	√		√	√	√	√	√	1100+

Solution Architecture Innovation Lab
The Underpinnings of the DIU Tech Proving Grounds

Solution
Architecture
Innovation
Lab

"Innovation lab" leverages IT ecosystem *Innovations*, *Best Practices* and *Standards* from the $4T Global IT market (of which Fed IT is less than 2%). We are leveraging the tens of billions spend by Fortune500 on testing and valuation of commercial IT. After responding to DIU solicitation in 2021, SAIL was rebranded as the Tech Proving Grounds.

Office of the Secretary of Defense, CIO *"Since the value of the ICH to our programs increases rapidly through results sharing, we encourage the defense community and IT industry to participate directly in the public service initiative in terms of sponsorship and lessons learned"*

How IT-AAC compairs with Industry & Competitors

Partner Type Federal IT Lifecycle	FFRDC	User Groups, Communities of Practice	Standards development Orgs, Trade Associations	ICH/IT-AAC Public Private Partnership	Consultants, IV&V, A&AS Firms	Innovators, Tech Mfg, Open Source	System Integrators
Requirement, Gap Analysis, Innovation Research	Lacks access to commercial innovations or best practices	OMB Lines of Business offers Critical Role	SDOs = Primary driver for open systems. Conflict free structures	Provide Conflict free structure and economies of scale	Limited access to industry lessons learned.	Great source for customer use cases, lessons learned.	FAR OCI Rules limit participation
Open Architecture Planning	Only when no other company can support	Agency CXO provides critical guidance	Provide standards of practice, not support	Principle source of expertise. Organic access to standards	Primary source of expertise, but requires access to Standards	FAR OCI rules limit participation	FAR OCI rules prohibit direct support
PMO & IV&V Support	Only when no other company can support	Not inherently Governmental	Access to standards of practice of suppliers	Optimized for this area	Key role	FAR OCI rules prohibit participation	FAR OCI rules prohibit participation
Solution Engineering	Forbidden if available from other sources	Not inherently Governmental	Access to potential suppliers already in market	Support role, provide process standards, lessons learned	Support role	Provide developmental	Primary partnership area
Solution Development & Sales	Forbidden, may not develop material solutions	Not inherently Governmental	Potential OCI, objectivity	ICH/IT-AAC does not develop, sell, or integrate any IT	Internal IV&V for Prime contract reduces risk.	Provider of key technologies	Primary partnership area

tac

IT-AAC "A Proven Force Multiplier"

– IT-AAC, specifically fills a huge knowledge and expertise gap of Public Sector IT that cannot be filled by organizations dedicated to the public sector (FFRDC, DIB Contractors, Beltway Bandits).

– We don't sell magic quadrants or buy/sell any technology. With deeper experiences/lessons learned of Fortune500 and Silicon Valley, IT-AAC is a true honest broker, free of rice bowls or conflicted interests working in the Public interest.

– 100% of our Recommendations and Transformation Roadmaps are based on Evidence Based Research coming from early adopters, testers and large implementations.

– Our Suite of FFP IT Modernization and Transformation Packages within the Simplified Acquisition Method on our GSA Schedule is available at a fraction of the cost/time than any other source.

Digital Transformation: References
Just in Time SMEs vs Butts-in-Seats

OSD CDAO (JAIC) Following successful JADC2 effort, J6 and DOD CIO directed new CDAO to Develop the CJADC2 Contested Logistics, and Build the Alpha1 AI/ML Scaffolding Architecture	**OSD R&E + Joint Staff J6: JADC2 Readiness Assessment** Completed in just 4 months, provided actionable insights into SW Factories, DevSecOps CONOPS, and Interoperability Roadmap	**USAF: Full application of AAM Modules For eFOIA (KM)** Completed AoA, BCA, AQ Selection in just 4 months.
OSD CMO/BTA: Apply AAM to complete AoA and BCA for DoD SOA Project Reduced pre-acquisition cycle time and cost of Analysis by 80% (4 months vs 18)	**AF SPACECOM: Full application of AAM Modules to enable XaaS First EITaaS Pilot** Completed AoA, BCA, AQ Selection in just 4 months.	**Joint Staff: MNIS Evaluation of Alternatives for Cross Domain Solutions** Evaluated 100's of Options in 90 days, enabling stake holder buy in and source selection.
NRO NISP: Implemented IC-ITE as it applies to Network as a Service Provided Roadmap for shifting custom stove pipes into NaaS with new MOEs and SLAs	**Congress/GAO: Drafted 09 NDAA Sec 804 which became FITARA** Developed and Piloted DOD's Agile Acquisition Methods proving the law works and processes can be transformed.	**DOD CIO: Created DOD's FITARA Roadmap** Provided Roadmap for Agile Acquisition and COTS Assessment to meet congressional mandates

"We believe it is necessary to develop a comprehensive set of metrics to give transparency to program execution, avoid subjective judgment, and avoid wasting time in both executing commands and in oversight offices. This is consistent with the fundamental recommendations of the Packard Commission and Secretary Robert Gates's initiative to eliminate inefficiency and waste." PARCA-RAND Root Cause Analysis of Nunn-McCurdy Breaches

Digital Transformation: References

Navy: Assessment of AFLOAT Program – CANES SOA & Security Strategy **Eliminated hi-risk Requirements by 23%, $100Ms in potential savings**	USAF: Streamlined COTS Acquisition Process. Applied to Server Virtualization. **Established optimal arch with ROI of 450% & $458 million savings**	AFISRA: Applied AAM to conduct ISR Portfolio Risk Assessment (PRA) **Guiding reorganization and restructure of ISR Portfolio**
DISA CAE: DISN GSM-O Re-compete Restructured performance metrics, acquisition strategy and SLAs to enable 30% savings on existing DISN Mgt. **Greatly Exceeded Forecasted Saving in both analysis and acquisition**	GSA CFO: Financial Mgt. System consolidation using AAM. **Moved GSA FMS from OMB "red" to "green". Eliminated duplicative investments that saved $200M**	BTA DBSAE: Transformed DOD's Requirements and Agile process, with 2 successful pilots **$300 million in potential savings with minimal investment**
Discovery Channel: Apply AAM to complete AoA and BCA for Enterprise Web Services/Tactical Cloud **Provided actionable roadmap for world wide multi-media web services**	GPO: Developed Acquisition Strategy for Future Digital System FDSys **Led to successful acquisition and implementation on time, on budget and 80% cheaper than NARA RMS**	DHS CIO: Agile Acquisition Roadmap Applying AAM to comply with NDAA/FITARA IT Reform Directives **Partnered with DHS FFRDC to shift DHS away from failed weapon systems approach to IT acquisition**

Office of the Secretary of Defense, DCIO (2001) *"Since the value of the ICH to our programs increases rapidly through results sharing, we encourage the defense community and IT industry to participate directly in the public service initiative in terms of sponsorship and lessons learned"*

Partnership with a Non-Profit Research Institute

The Army CIO/ARL/ACC Partnership Intermediary Agreement with TheTAC provides all elements of DOD with alternative resources, methods, and expertise to accelerate Digital Transformation:

➤ TheTAC is the Prime under ARL oversight

➤ IT-AAC is also supports Other Transaction Authority (OTA) contracting.

➤ FAR 6-302 - Essential engineering services from a non-profit research institute, FFRDC or UARC.

➤ Our Combined Capabilities include;

1. Digital Workforce Upskilling with Just-in-Time Tiger Teams
2. A Clearinghouse of Agile Acquisition & Digital Transformation Frameworks
3. A virtual Tech Proving Ground that leverages the significant investments of both Fortune500 and Silicon Valley.
4. Legacy Migration Design Patterns, SMEs and Metrics

PARTNERSHIP INTERMEDIARY AGREEMENT (PIA)

Step	Process Overview
Step 1	**Initiate Concept & Discussion** - Develop foundational concept for potential CPO - Brief TAC and IT-AAC with a high-level overview - Explore preliminary requirements
Step 2	**Submit Activity Request Form** - Complete and submit the Activity Request Form - Obtain approvals from TAC & IT-AAC - Ensure PIA compliance and task prioritization - Determine if a new CPO is required or existing one applies
Step 3	**Initiate Funding Agreement (7600a)** - Requesting organization completes Form 7600a - Establishes interagency agreement and roles/responsibilities
Step 4	**Develop Acquisition Package** - Begin once 7600a is approved - Prepare necessary acquisition documentation
Step 5	**Prepare Contract Modification Docs** - Submit the following to contracting: - Independent Government Cost Estimate (IGCE) - High-level Scope of Work (include estimated duration) - Funding document Form 7600b
Step 6	**Modify Contract** - Contracting reviews all documents - Adds CPO and additional funding to the agreement

tac

ITAAC

It is the policy of the United States Government to accelerate defense procurement and revitalize the defense industrial base to restore peace through strength. To achieve this, the United States will rapidly reform our antiquated defense acquisition processes with an emphasis on speed, flexibility, and execution. We will also modernize the duties and composition of the defense acquisition workforce, as well as incentivize and reward risk-taking and innovation from these personnel. Trump EO April 9, 2025

IT-AAC, a subsidiary of the Interoperability Clearinghouse (ICH) a DOD Chartered nonprofit research institute 501C6

John Weiler, CEO

Tel: 703-863-3766

Email: john.weiler@IT-AAC.org

The Technology Advancement Center Cybercom Chartered nonprofit 501C4

Gregg Smith, CEO

443-626-4450

Email: GESmith@TheTAC.tech