



# AI IN NATIONAL SECURITY

A Compendium of Federal Contracting Success Stories

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*PSC*  
on the Hill

# About PSC

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The Professional Services Council (PSC) is the leading trade association and voice of the government contracting industry, representing more than 400 member companies — ranging in size from start-ups to multinational organizations — that support federal agencies through mission-focused services and solutions.

Learn more at [www.pscouncil.org](http://www.pscouncil.org)

# About PSC on the Hill

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PSC member companies regularly engage Capitol Hill officials on key government contracting issues. The “PSC on the Hill” series creates unique opportunities to showcase these companies’ innovative solutions and real value for critical federal missions.

Learn more at [hill.pscouncil.org](http://hill.pscouncil.org)



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on the Hill



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# Letter From the CEO

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***PSC***

**Jim Carroll**

CEO, Professional Services Council

On behalf of PSC and our member companies, it is my honor to introduce the AI in National Security Compendium.

This publication highlights the powerful capabilities AI can deliver across the federal enterprise and the essential partnership between government and the private sector to best utilize these cutting-edge technologies and support national security.

AI is already mission critical. These real stories of PSC member companies supporting federal agencies and delivering AI solutions highlight the vital role contractors play in delivering innovation, speed and scalability to the government. This partnership is essential to accelerate AI adoption, manage risk, and maintain U.S. technological advantage.

From providing data solutions that accelerate decision-making, to mission staffing and battle management, federal contractors are dedicated to being a trusted partner to the federal government.



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# SPECIAL THANKS

Companies That Participated in PSC on the Hill  
AI in National Security



maximus

GDIT



Peraton

Golden Key Group



SAIC®

# Opportunities to Support the Mission and Improve Citizen Services Through AI

AI is already changing how the federal government operates, serves the public, and manages risk. AI should be treated as a practical government issue, not just a technology debate.

The path forward starts with building a strong foundation: clear governance, better data, a workforce ready to use these tools well, and stronger protection against AI-enabled threats. From there, agencies need to accelerate delivery by cutting through old modernization problems, improving procurement, and preserving institutional knowledge before it disappears through retirement and turnover. Most importantly, AI investment should drive mission results by improving citizen services, supporting daily mission work, and building systems that reflect the realities of government.

Congress should invest in AI now, with discipline and urgency, so that trust, accountability, and real public value keep pace with adoption.



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“ Most importantly, AI investment should drive mission results by improving citizen services, supporting daily mission work, and building systems that reflect the realities of government.



# Data to Decisions

Federal civilian and military organizations generate extensive operational, logistical, surveillance, exposure, and medical data, yet datasets are often fragmented and misaligned with decision timelines. In large-scale operations, decision windows compress while uncertainty increases, requiring analytic systems that deliver insight at operational speed rather than retrospective reporting.

Unified analytic architectures, operational experimentation, and rigorous testing and evaluation can transform fragmented datasets into analysis-ready environments that support decision speed. Emphasis will be placed on designing tools that fail predictably, degrade gracefully in bandwidth-limited environments, and avoid increasing cognitive burden for field personnel. By integrating scientific rigor with operator-informed testing and modeling, fragmented data collection will shift to decision advantage under uncertainty.



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# Securing Tomorrow With Mission-Driven AI

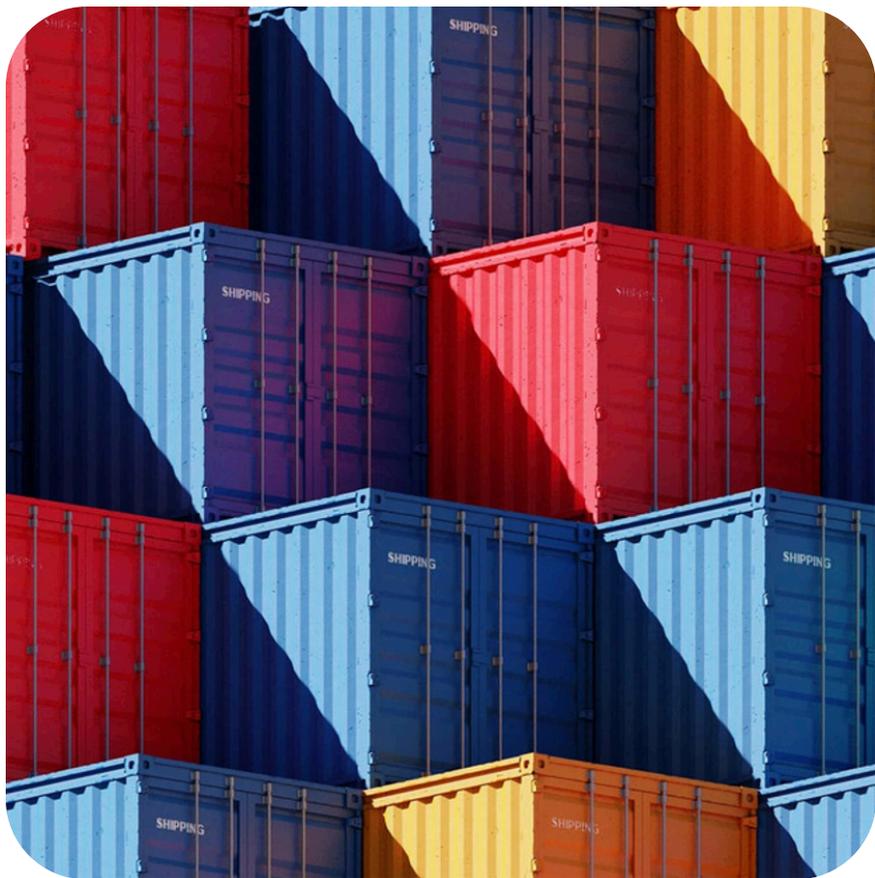
As national security risks evolve, agencies face increasingly sophisticated threat environments, more complex cyber operations and growing volumes of data to interpret.

Meeting these challenges requires mission aligned innovation that strengthens decision advantage. GDIT delivers AI, cyber resilience and engineering designed to enhance human judgment, accelerate threat detection and support integration across domains.

Our approach enables mission partners to adopt emerging capabilities confidently and responsibly while maintaining trust and transparency. In a rapidly shifting battlespace, success relies on trusted technology, trusted processes, and an unwavering focus on the mission.



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“ Today’s national security challenges require more than modernization. We need AI that informs action, cyber resilience that holds under pressure, and engineering innovation that gives our teams a clear decision advantage when every second counts.



Golden Key Group

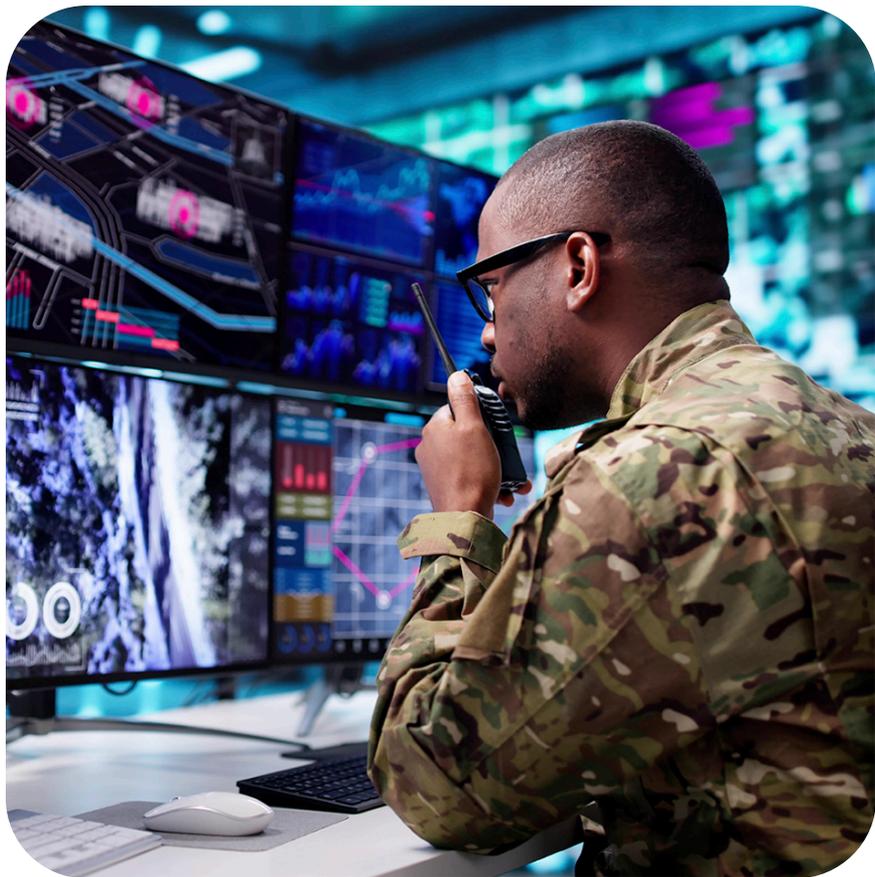
# Right Skills, Right Time — Accelerating Mission Staffing With Precision and Speed

Mission timelines across the Department of War and Intelligence Community are accelerating faster than legacy staffing processes can support. The challenge is not a lack of talent, but the heavy administrative burden required to identify, validate, and assemble qualified, available, and cleared personnel under urgent conditions. Manual workflows and slow operations consume expert time, introduce inconsistency, and make staffing decisions difficult to defend.

Golden Key Group's (GKG) Mission Agile Talent and Competency Hub (MATCH) addresses this gap by transforming mission staffing into a fast, evidence-driven process. MATCH applies AI-powered skills mapping and constraint-aware matching to align validated personnel capabilities with mission needs while preserving human decision authority. By integrating authorized data, applying access and availability constraints, and generating audit-ready recommendations, MATCH delivers speed without sacrificing control or accountability. As GKG CEO G. McCracken states, "We ensure you have the right people, with the right skills, at the right time, to accomplish your mission."



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“ By integrating authorized data, applying access and availability constraints, and generating audit-ready recommendations, MATCH delivers speed without sacrificing control or accountability.

# Unlocking the Insights Hidden in Data With AI-Driven Knowledge Discovery and Dynamic Case Management

Wingman is iWorks' modular, cloud-native platform designed to transform complex mission data into actionable intelligence. By combining artificial intelligence, dynamic case management, and embedded analytics, Wingman enables organizations to accelerate decision-making, automate operational workflows, and improve visibility across mission environments.

This platform integrates securely across enterprise technology landscapes to unify data, workflows, and insights into a cohesive operational workspace. Wingman enables organizations to modernize operations without replacing existing systems, supporting phased adoption aligned with mission priorities and resource constraints. By integrating AI-enabled analytics, workflow automation, and performance visibility into a single platform, Wingman helps teams reduce manual effort, improve collaboration, and accelerate time to operational value.

Leadership gains real-time insight into operational performance through embedded analytics, while configurable AI autonomy ensures human decision-makers remain central to mission execution.



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# THE WINGMAN

“ By transforming mission data into actionable insight within a secure and scalable architecture, Wingman enables agencies and enterprises to achieve smarter, faster, and more resilient mission execution.



# AI-Powered Battle Management Takes Flight

Military operators need to make important decisions rapidly during combat but can struggle to process information fast enough.

AlphaMosaic, developed by Leidos, enables AI agents to provide operators with decision support in combat scenarios involving multiple aircraft, weapons systems and targets.

AlphaMosaic has successfully supported battle exercises, and there's potential that the AI technology can be scaled to address decision-making for warfighters in a variety of roles.



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“We’re essentially building a virtual, augmenting workforce. And they work together under the supervision of the human operators to achieve these things.”

– Will Mahoney, VP, Airborne Systems CTO, Leidos

# Designing Data and AI Solutions That Meet Customers Where They Are

AI is revolutionizing mission-critical operations and empowering the government's operations and decision-making.

MANTECH's Data and AI Practice is at the forefront of delivering impactful AI solutions that drive mission success. Our technology-agnostic approach leverages a variety of partnerships to provide innovative, state-of-the-art solutions that ensure clients remain at the cutting edge.

Our comprehensive approach includes designing Data and AI solutions that meet clients where they are, building and integrating solutions for deployment, and sustaining those solutions while integrating them fully with broader operations for maximum impact.



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“ MANTECH’s Data and AI services accelerate mission-critical decision-making and ensure leaders reach actionable outcomes faster, backed by high-integrity data and a mission-ready framework.

# Beyond the Pilot: Moving Responsible AI From Pilot to Mission Impact

Policymakers and congressional staff are under growing pressure to adopt AI responsibly, strengthen mission readiness, and improve operational performance, and demonstrate measurable results without increasing risk or waste.

Maximus addresses this challenge through Hackathon as a Service, a structured approach that brings mission owners, operators, industry, and governance stakeholders together to solve real operational problems. The model builds in responsible AI, human oversight, security, and implementation planning from the start, helping agencies test ideas, surface risks early, and clarify next steps before larger investments are made.

The result is a practical, lower-risk path to modernization that supports stronger oversight, better stewardship of resources, and more confident decision-making.



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“ The best outcome is not a stronger demo.  
It is a better decision.

## Cognitive Warfare and the Battlefield for American Influence

The United States military commands supremacy across land, sea, air, and space. Yet, in cognitive warfare to foreign audiences, we are outspent, out-gunned, and out-maneuvered by adversaries aggressively using propaganda and information manipulation to undermine American global influence.

Effective, AI-accelerated cognitive warfare is crucial to U.S. military warfighting and strategy, and Combatant Commanders consistently request greater investment. Employing AI-boosted cognitive warfare as a primary tool can enhance the effects of diplomatic, military, and economic power.

What to Do About It:

1. Streamline approval processes
2. Leverage AI-powered, commercially available capabilities. Peraton's experience successfully building, testing, and deploying AI-powered platforms for operations in the global information environment demonstrates the potential this approach holds
3. Illuminate adversary activity via advanced U.S. technology
4. Integrate information as a key pillar of the National Security Strategy
5. Fund resources essential to achieving defense objectives



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“ In an era where strategic competition is increasingly decided in the cognitive domain, these reforms aren’t supplemental — they are essential to maintaining America’s global leadership and securing our interests in the 21st century.



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