



Business | Intelligence | Innovation | Transformation

Government Capabilities Statement

Strategy | Enterprise Architecture | Infrastructure Modernization | AI Governance

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CAGE / UEI: Available upon request

Primary NAICS: 541611

Website: BIITLAB.com

Location: Houston, Texas

COMPANY OVERVIEW

BIITLAB, LLC is a strategic advisory and technology management consulting firm helping government agencies, mission-driven organizations, and government-facing companies turn complexity into clarity and clarity into executable action. The firm supports leaders navigating infrastructure modernization, AI adoption, technology portfolio decisions, procurement choices, governance design, workforce readiness, and mission-aligned transformation. BIITLAB brings a disciplined, business-architecture-first approach shaped by decades of systems engineering, executive leadership, strategy, enterprise architecture, digital transformation, and NASA mission-support experience.

CORE COMPETENCIES

Capability Area	Government-Facing Support
Enterprise Strategy & Architecture	Mission alignment, business capability mapping, target operating model design, portfolio governance, architecture roadmaps, and line-of-sight from strategy to investment decisions and through execution.
AI Strategy, Governance & Responsible Adoption	AI readiness, policy and governance models, risk/accountability design, human-in-the-loop decision frameworks, pilot-to-scale planning, and measurable AI value adoption.
Infrastructure Modernization & Resilience	Infrastructure strategy, modernization roadmaps, cloud/data/cyber alignment, technical debt diagnostics, resiliency planning, interoperability, platform rationalization, and execution sequencing.
Digital Transformation & Mission Technology Alignment	Transformation strategy, product-to-mission alignment, digital operating models, service portfolio clarity, investment prioritization, and measurable modernization outcomes.
Procurement & Acquisition Strategy Support	Requirements framing, product-to-mission fit analysis, vendor/solution evaluation support, acquisition pathway advisory, market research, and proposal/capture strategy support.
Operating Model, Governance & Execution Cadence	Decision rights, RACI design, governance forums, performance measures, executive dashboards, stakeholder alignment, and transformation controls.
Executive Leadership & Workforce Readiness	Executive coaching, AI-era leadership development, workforce capability planning, change readiness, and human-plus-machine operating model enablement.

ENGAGEMENT TRACKS ACROSS THE LIFECYCLE

Where BIITLAB Enters	What BIITLAB Helps Produce
1. Mission & Capability Definition	Clarify mission outcomes, stakeholder needs, strategic priorities, value drivers, constraints, and capability gaps before technology decisions harden.
2. Architecture & Solution Design	Translate mission needs into business architecture, target-state design, integration views, data/technology dependencies, and scalable modernization roadmaps.
3. Procurement & Evaluation Support	Support acquisition strategy, requirements clarity, vendor/solution comparison, product-to-mission fit, evaluation criteria, and proposal/capture readiness.
4. Infrastructure Modernization & Resilience Planning	Assess technical debt, cloud/data/cyber alignment, platform modernization, infrastructure resilience, interoperability, operating impacts, transition risk, and investment sequencing.
5. AI Governance & Adoption	Define responsible AI governance, accountability, workflow redesign, model risk controls, performance metrics, and human judgment boundaries.
6. Operating Model & Governance	Establish decision forums, roles, measures, portfolio controls, execution cadence, and sustained transformation governance.
7. Leadership & Workforce Readiness	Prepare executives, teams, and stakeholders for AI-enabled operations, adaptive leadership, change adoption, and human-plus-machine collaboration.

DIFFERENTIATORS

- **NASA-informed discipline for high-stakes complexity:** strategy, architecture, governance, mission alignment, and execution clarity where ambiguity and risk must be managed deliberately.
- **Business architecture first:** connects mission outcomes, capabilities, governance, processes, technology decisions, funding priorities, procurement choices, and measurable value.
- **AI-era operating model perspective:** addresses leadership, accountability, workflow redesign, trust, and human-machine decision quality - not just tool deployment.
- **Procurement-aware advisory support:** improves requirements clarity, solution evaluation, vendor alignment, and capture/proposal readiness without lobbying or access-selling.
- **Executive-to-technical translation** across leadership, program management, engineering, IT, cybersecurity, data, AI, acquisition, and workforce stakeholders.

GOVERNMENT APPLICATION AREAS

- Federal enterprise modernization and digital transformation
- AI strategy, governance, responsible adoption, and decision accountability
- Mission support operating model and governance design
- Infrastructure modernization, technical debt, cloud/data/cyber strategy, platform resilience, and interoperability planning
- Procurement readiness, acquisition strategy, and product-to-mission fit evaluation
- Leadership and workforce readiness for AI-enabled operations

RELEVANT PRINCIPAL EXPERIENCE

- Senior federal executive-level experience in enterprise architecture, strategy, technology management, governance, and digital transformation within NASA mission-support environments.
- Experience aligning strategy, business architecture, technology portfolios, operating models, roadmaps, governance structures, and executive decision-making across complex stakeholder ecosystems.
- Advisory expertise in AI readiness, responsible adoption, portfolio modernization, transformation governance, technical debt, business capability modeling, and leadership development.
- Ability to translate products, platforms, and solutions into mission-aligned value narratives, capability maps, and procurement-aware engagement strategies.

NAICS CODES

Code	Description	BIITLAB Use Case
541611	Administrative Management and General Management Consulting Services	Primary
541512	Computer Systems Design Services	Relevant for architecture, systems design, infrastructure modernization, integration planning, and IT advisory
541618	Other Management Consulting Services	Relevant for specialized strategy, transformation, and governance advisory
541690	Other Scientific and Technical Consulting Services	Relevant for technical advisory and mission-systems consulting
541330	Engineering Services	Relevant where engineering advisory, infrastructure planning, or systems integration strategy is in scope
541715	Research and Development in the Physical, Engineering, and Life Sciences	Relevant only where formal R&D, AI/advanced technology studies, or applied research support is in scope
611430	Professional and Management Development Training	Relevant for leadership, workforce readiness, and executive capability development

CONTRACTING INFORMATION

Business Type	Small Business / LLC - certifications and set-aside status to be specified
CAGE / UEI	Available upon request
Engagement Models	Prime consulting support, subcontracting, teaming, BPA/IDIQ task support, fixed-price advisory SOWs, retainer advisory support
Point of Contact	Yasser Haridi, BIITLAB, LLC
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