



Capability Statement

Federal IT • Agentic AI • Data & Cloud Modernization

Overview

AmericSoft Solutions Inc. is a U.S.-based technology products and services company focused on enabling large enterprises through Agentic AI-driven automation. At our core, we design and build AI-powered products that automate complex engineering and knowledge-intensive workloads across federal and commercial environments.

We develop secure, production-grade AI agents that orchestrate workflows across enterprise data repositories, applications, and distributed systems, reducing manual effort and accelerating execution. Our capabilities span AI agent orchestration, data platform modernization, cloud-native architecture, and multi-system integration across heterogeneous enterprise environments.

AmericSoft delivers measurable outcomes by combining agent-based automation, governed enterprise data, and scalable cloud platforms. This integrated approach improves mission execution, accelerates decision-making, and significantly reduces operational and engineering costs.



Business Information:

- Legal Name: AmericSoft Solutions Inc.
- UEI (SAM): KYQFEQBDN4L6
- CAGE Code: 03M07
- SAM.gov Registration: Active
- Business Type: Small Business

Federal Mission Area:

- Agentic AI & Automation
- Enterprise Data Platforms / Data Lakehouse
- Cloud Modernization (Multi-cloud / Hybrid)
- Advanced Analytics & Decision Support
- Aviation & Defense Data Ecosystems

NAICS Codes:

- 54151: Computer Systems Design Services
- 541511: Custom Computer Programming Services
- 541513: Computer Facilities Management Services
- 541519: Other Computer Related Services
- 518210: Data Processing, Hosting, and Related Services
- 541611: Administrative Management & General Consulting

Core Capabilities



Agentic AI Development & Automation

- Agentic AI solutions for workflow automation and operational efficiency.
- LLM-powered document understanding, summarization, extraction, and compliance mapping.
- Agent-based case management / task orchestration across enterprise systems.



Data Agentic Solutions (Data Lake Queries + Analytics)

- AI agents that support natural-language to governed query for data lakes/lakehouses.
- Metadata-aware query assistance (schemas, catalogs, glossaries)
- Automated data discovery, dataset recommendations, and analytics acceleration.



Cloud & Platform Engineering (Multi-Cloud / Hybrid)

- Cloud migration & modernization (AWS, Azure, Hybrid)
- Platform engineering + DevSecOps pipelines
- Secure cloud-native architecture, containerization, and IaC patterns.



Data Engineering & Modern Data Platforms

- Enterprise Data Lakes / Lakehouse architecture and implementation.
- Ingestion, transformation, orchestration, and data quality automation.
- Data governance, lineage, cataloging, and master/reference data strategies.



Application Modernization & Integration

- Legacy modernization, APIs, microservices, enterprise integration.
- Scalable backend services for data/AI products
- Secure integration with identity, access controls, logging, and monitoring.



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Past Performance Highlights

➤ Aviation & Defense Data Ecosystems

- Supported aviation and defense data management initiatives
- Experience with F-35 / aviation prognostic & health management data ecosystems
- Built pipelines enabling analytics and operational insight at scale

➤ Enterprise Data & Cloud Modernization

- Designed and implemented secure enterprise data platforms
- Delivered modernization solutions across multi-system environments
- Enabled analytics acceleration through scalable cloud and data engineering

TECHNOLOGY ECOSYSTEM EXPERIENCE

- **Multi-cloud environments:** Delivery across AWS, Azure, and hybrid architectures supporting secure, scalable, and regulated workloads.
- **Enterprise data platforms:** Hands-on experience with Palantir Foundry and Databricks for large-scale data integration, analytics, and AI enablement.
- **Distributed query engines:** Deployment of Starburst / Trino to enable high-performance, federated analytics across heterogeneous data sources.
- **Data governance & analytics ecosystems:** Implementation of data catalogs, governance layers, and analytics stacks to ensure trusted, compliant, and discoverable data.

Differentiator

● **AI-first delivery:**

Agentic systems are designed into the architecture from day one, automating decisions and workflows that map directly to measurable outcomes reduced cycle time, higher accuracy, and operational lift you can actually quantify.

● **Governed AI:**

Our systems are built with security, auditability, and policy enforcement baked in supporting controlled data access, traceability, and compliance with federal and regulated-environment standards.

● **Aviation & defense-grade data experience:**

We've operated in high-trust, high-consequence environments where data integrity, latency, and reliability are non-negotiable. That experience translates into systems that perform under pressure and meet mission-critical requirements.

● **Practical engineering focus:**

Every solution is designed for reliability, maintainability, and scale tested in real operating conditions and ready to run long after deployment, not just impress on day one.

● **Data + AI + Cloud combined:**

We deliver data engineering, AI/ML, and cloud infrastructure as one integrated motion, ensuring models are trained on the right data, deployed on the right platforms, and scaled without friction.

Our Clients



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