



Astradian Technologies LLC

Capabilities Statement

Bring a loosely defined problem.

Get a working result.

Headquartered in New Mexico

Core Competencies

- **Build and release engineering.** Every system a program runs: Windows, RHEL, Ubuntu, and others, legacy and air-gapped included.
- **DevSecOps and CI/CD.** Pipelines with whole-product test coverage and code and container scanning.
- **Scientific and HPC software.** Desktop models moved to batch runs on HPC clusters; legacy code in C++, Fortran, Python, and others.
- **Rapid prototyping.** From a goal with no spec to a design, a build, and a field test.
- **Infrastructure, data, and AI pipelines.** Self-hosted platforms, PostgreSQL databases, and LLM pipelines that we build and run.

Past Performance



Air Force Research Laboratory program

Subcontractor to HII Mission Technologies · July 2024 to present

Release system · July 2025 to present. Specified, built, and run by us. Nightly releases on every supported system. Every delivery the program makes goes through it, including releases to an outside lab.

RHEL 7 delivery. Whole toolchain built from source; deployed to an HPC cluster on the first attempt.

SCIF delivery · September 2025 to May 2026. Releases built inside the SCIF from optical discs.

HPC batch runs · October 2025 to July 2026. A desktop model run as batch jobs on a government HPC cluster.

Whole-product test coverage · May 2026 to present. Designed, built, and run by us.

Company-funded prototype. A satellite sensor: 5 days of work and under \$1,300 of hardware. Field-tested at a remote dark-sky site on generator power; satellites identified by name.



Differentiators

One month

A whole release system, specified and built from “We need builds.”

5 days of work

A fielded prototype for under \$1,300 of hardware.

Inside the SCIF

We work in SCIFs and on air-gapped systems; the founder holds TS/SCI.

First attempt

Deployed on RHEL 7, past its end of maintenance, with no rework.

Company Data

UEI K3Y8P9MVFKX4

CAGE 9RK32

SAM Active

NAICS

541715 Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology) (primary)

541330 Engineering Services

541511 Custom Computer Programming Services

541512 Computer Systems Design Services

Size Small business under all four NAICS codes

Status Veteran-owned small business

Clearance Founder holds TS/SCI

Teaming Open to teaming on new proposals; subcontract or direct award

Contact Jacob Grass, Founder Replies within one business day

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