

Integration, test & evaluation, and software engineering for national security space programs.

COMPANY OVERVIEW

Integrative Engineering LLC provides engineering support for complex, mission-critical systems in secure government environments. We deliver work that is technically complete, detail-driven, and ready for operations.

Our founder brings **more than 20 years** of hands-on experience on major national security space programs, with deep expertise in **Overhead Persistent Infrared (OPIR)** ground systems and space segment interfaces, from development and integration through launch and operations.

CORE COMPETENCIES

Systems Integration & Architecture

End-to-end integration across ground development, space segment interfaces, and full mission data flows.

Launch & Mission Support

Real-time expertise during critical mission phases: troubleshooting, operations coordination, and rapid issue resolution.

Data Processing & Performance

Mission data processing pipelines tuned for throughput, reliability, and fast operational response.

Test & Evaluation

System, software, and hardware testing in lab and operational settings; simulation, hardware-in-the-loop, and requirements verification.

Software Engineering

C++, Python, and scripting on Linux, with containerized and virtualized deployments and CI/CD-friendly practices.

Technical Communication

Clear briefings for senior leadership and non-technical stakeholders that turn complex issues into decisions.

PAST PERFORMANCE

- ✓ **Major OPIR ground program:** 20+ years of continuous support, including integration, test, and launch support across multiple program increments.
- ✓ **Mission data processing:** end-to-end processing and performance optimization in operational environments.
- ✓ **Leadership engagement:** senior-level briefings on capabilities, risks, and resolution paths for time-critical decisions.

DIFFERENTIATORS

- ✓ Full-scope integration expertise, from hardware to software to test, grounded in how systems really operate.
- ✓ Trusted in high-stakes launch and operational environments.
- ✓ Clear communication between engineers, operators, and leadership, so decisions get made.

TECHNICAL TOOLKIT

C++ Python Linux Shell scripting Containers Virtual machines CI/CD
Hardware-in-the-loop Simulation Requirements verification Performance tuning

COMPANY DATA

LEGAL NAME

Integrative Engineering LLC

UEI

QF6XEL63NLM6

CAGE CODE

24ND2

BUSINESS TYPE

Small Business

HEADQUARTERS

Broomfield, Colorado

NAICS CODES

541330 Engineering Services **PRIMARY**

541511 Custom Computer Programming Services

541512 Computer Systems Design Services

LIFECYCLE COVERAGE

- 1 Concept & Requirements
- 2 Architecture & Design Reviews
- 3 Integration & Verification
- 4 Operational Test & Evaluation
- 5 Launch & Mission Support
- 6 Sustainment & Optimization

POINT OF CONTACT

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