



WHO WE ARE

Forward Engineering, LLC is a performance-driven firm delivering full-lifecycle Digital Systems Engineering, Integration, and Test (SEIT) support services to prime contractor and government teams across aerospace and defense programs.

WHAT WE DO

We execute the full Digital SEIT lifecycle—from requirements through integration, test, and deployment—with speed, precision, and disciplined execution.”

We enable alignment of SysML-based architectures and ensure the Digital Thread maintains a trusted Single Source of Truth (SSoT). Through technical oversight and governance, we ensure data and models remain credible, traceable, integrated, and ready for verification, validation, and deployment.”

We drive SEIT execution across air, sea, space, and autonomous systems—ensuring effective horizontal and vertical integration (H&VI) and alignment across Developmental and Operational Test (DT/OT) events.”

Our approach to Risk Management and Agile configuration management is proactive and governance-focused—ensuring programs remain aligned and ahead of cost, schedule, and performance constraints.

CORE CAPABILITIES

- Systems Engineering Leadership & Technical Oversight
- Integration & Test Planning and Execution (DT/OT) within Prime-Led Technical Risk Identification, Analysis, and Mitigation
- Government Technical Review Execution (SDR, PDR, CDR, TRR)
- Digital Engineering & MBSE Advisory
- Digital Thread Governance & Alignment
- Program Execution & Technical Risk Reduction
- Production Transition & Sustainment Support
- Logistics & Technical Data Solutions

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CAPABILITY STATEMENT

Integrating, People, Systems and Purpose to Bridge The Digital Thread between Requirements and Operational Deployment

CERTIFICATIONS



NAICS CODES

541330	541380
541512	541611
541618	541990
611430	512110

PRINCIPAL PAST PERFORMANCE

The following reflects the experience of Forward Engineering’s principal supporting major DoD acquisition programs.

- **Former Naval Officer & Acquisition Leader**
- **30+ Years of Acquisition, SEIT, and Program Management**

\$350M Managed: F-35 Program Manager / COR

\$290M Managed: T-6A/B Deputy Chief Engineer

\$100M+ Managed: Chief Engineer & SEIT Lead