



CAPABILTIY STATEMENT

Integrating Systems, People, and Purpose to Bridge The Digital Thread Between Concept and Operational Deployment

WHO WE ARE

Forward Engineering, LLC is a performance based, Veteran-Owned Small Business (VOSB) providing full-lifecycle Digital Systems Engineering, Integration, and Test (SEIT) solutions for Aerospace and Defense federal and non-traditional markets.

WHAT WE DO

We are **Digital SEIT** practitioners executing cradle-to-grave SEIT lifecycle at Speed.

We architect the **SysML** and manage the Single Source of Truth (SSoT) of the Digital Thread. From Digital Twin Governance to AI Assurance, we ensure your Digital Thread and Data Models are Credible, Traceable, Integrated, Tested, Verified, Validated, and Ready for Deployment.

We perform SEIT execution for Air, Sea, Space, or Autonomous Systems. We handle the heavy lift of program Horizontal and Vertical Integration (H&VI), Test and Evaluation.

Our Risk Management and Agile CM isn't a spreadsheet; it's \$\ \cdot \$350M Managed: F-35 Program Manager/COR a proactive discipline that keeps programs ahead of Cost, Schedule and Performance.

- ❖ Model-Based Systems Engineering: Authoritative Source of Truth
- ❖ Digital Thread Implementation: End-to-End Lifecycle Traceability
- ❖ Digital Twin Governance: Credibility Assess and V&V of Models.
- **❖** Digital Engineering & AI Assurance
- ***** Testing & Evaluation and Analysis
- **❖** Logistics: Automated Multimedia Programming

SOCIO – ECONOMIC CERTS









NAICS CODES

541330	541380
541512	541611
541618	541990
611430	512110

PAST PERFORMANCE Of KEY PERSONNEL

Former Naval Officer & Acquisition Leader

30+ Years of Acquisition, SEIT, & Program Leadership

- \$290M Managed: T-6A/B Navy Deputy Chief Engineer.
- •\$100M+ Managed: Prime Contractor Chief Engineer & SEIT Lead

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