First Consulting, Inc.

Capability Statement

Engineering expertise and experienced people for government and industry. Software, embedded systems, verification, documentation, project teams, and recruiting - nationwide since 1997.

CORE COMPETENCIES

Since 1997
Serving clients nationwide

300+
Projects delivered

GSA MAS
Contract holder

Nationwide
Engineering & consulting

Embedded Engineering
- Real-time systems development
- Device drivers and hardware integration
- Defense, rail, and medical-device software

Software Development
- Requirements and systems engineering
- Object Oriented Design
- DevSecOps, Agile, Waterfall Methodologies
- C/C++, Java, C#, and .NET

Verification & Validation
- Software verification and validation
- Test automation and traceability
- Formal development and test processes

Technical Documentation
- User, service, and admin manuals
- Quick reference guides and online help
- eLearning courses and user guides


REAL-TIME SYSTEMS


SOFTWARE DEVELOPMENT


TEST & VERIFICATION


TECHNICAL PUBLICATIONS

INDUSTRIES SERVED

Avionics
- Embedded avionics software
- FAA / DO-178B development and testing

Medical Devices
- Class II / III devices
- Health information systems
- Verification and validation

Rail Transit
- Real-time control and radio software
- Testing and documentation

Defense
- Embedded real-time systems
- Secure communications
- Software-defined radio systems

DIFFERENTIATORS

Established expertise
- Experienced, full-time professionals
- Formal engineering and testing expertise
- Continuity across projects

Small-business agility
- Competitive rates and low overhead
- Direct access to leadership
- Responsive decisions and delivery

Client commitment
- Long-term client relationships
- Preserved project knowledge
- Clear budget and schedule communication

Willing to partner
- Ready to team with prime contractors
- Flexible delivery and project support
- Small-business subcontracting

PAST PERFORMANCE

L3Harris
- Defense communication systems
- Space and Airborne applications

Quidel-Ortho
- Blood analyzer systems
- Machine-vision inspection and label verification
- Medical and diagnostic systems

Kodak-Alaris
- Azure-based enterprise platforms
- Large-scale image analysis
- Automated digital print products

Alstom
- Rail control and communications
- Software engineering and verification
- Technical documentation

COMPANY DATA

First Consulting, Inc.	Small Business | Nationwide | **firstconsultinginc.com**
IDENTIFIERS	UEI: LYNUNA67FPG6 | CAGE: 6UCT1 | DUNS: 036665370
NAICS	541511, 541519, 518210, 541512, 541513, 541990, 561410
PSC	7A20, 7E20, 7H20, DJ01, R408, R426, U008, U012
GSA MAS	47QTCA18D003C
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