



**DEDICATED TO YOUR SUCCESS**

A CERTIFIED SMALL BUSINESS

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## REAL TIME CONSULTING ADVANTAGE

### ENGINEERING SERVICES

*Real Time Consulting provides full life-cycle complex engineering solutions for Mission & Safety Critical Embedded Systems and Software including Avionics, Command, Control, Communication, Intelligence, Information and Security. Our team is able to actively manage all phases of product and project development either in-house or at your site.*

### REAL TIME EXPERTISE

*Our staff averages over 20 years of experience developing innovative safety-critical, embedded electronics, software, sensors, control and network connectivity that enable devices to collect and exchange data to support your Internet of Things (IoT) initiatives.*

### INTERACTIVE COMMUNICATION

*Real Time Consulting complies with the highest industry standards by working directly with clients to understand and control fast-paced, high-profile projects. Customized reports are offered to align performance with our client's milestone goals.*

### PROTECTED PROPERTY

*Our facilities offer program and project security with badge-only access, separated DD-254 work bays and is ITAR and EAR controlled. Real Time Consulting uses layered firewall protections and access-controlled.*

## REAL TIME CONSULTING | ENGINEERING CAPABILITIES



### CORE

- Program & Project Management
- Systems
- Software
- D0-178 8/C Certification
- Consulting
- Verification & Validation

### FUNCTIONAL EXPERTISE

- Technical Leadership
- Risk Management
- Recovery Planning
- Progress & Metrics Reporting
- Model Based Design & Support

### ADDITIONAL

- Complex Electronic Hardware Design & Integration
- Lab Development & Hosting
- Safety Assessments
- Controls
- Testing & Simulation
- Tools Development
- Training
- Rapid Prototyping

### SOFTWARE

- Architecture Definition
- Language Conversion to C/C++ (ex. ADA to C)
- D0-178 B/C Processes
- Design to all DAL A--D
- Manual & Automated Code Generation
- High & Low Level Requirement
- Design & Allocation Definition
- Documentation with Tracing
- Multiple Software Language Support
- Software/Hardware Integration
- Embedded, Windows, Tablet, Apps, BSP & Drivers
- Expertise

### SYSTEMS

- ARP4 754 Processes
- Safety (ARP4 761) Including FMEA & FHA
- Use Case Scenario
- Reliability Analyses
- Human Factors Analysis/ Effectiveness
- Requirements Analysis, Capture & Trace
- Model Based Development
- Architectural Definition
- Configuration Identification
- System & Functional Integration
- Acceptance Test Criteria
- Full Life-cycle Development

## NAICS CODES

- 511210 - Software Publishers
- 541330 - Engineering Services
- 541511 - Custom Computer Programming Services
- 541512 - Computer Systems Design Services
- 541519 - Other Computer Related Services
- 541611 - Administrative Management and General Management Consulting Services
- 541690 - Other Scientific and Technical Consulting Services
- 541712 - Research and Development in the Physical, Engineering and Life Sciences (Except Biotechnology)
- 541990 - All Other Professional, Scientific and Technical Services
- 927110 - Space Research and Technology

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Real Time Consulting, LLC is an ISO9001: 2015/AS9100 Rev D (Cert#1110-171-2-A) certified, small business that was founded in March of 1997. Real Time Consulting provides quality service through industry standard systems and software process methodologies with proven success for all suppliers including Fortune 100 companies, OEM and first-tier OEM suppliers.