

20⁺RealTime CONSULTING

ENGINEERING EMBEDDED SOLUTIONS
SINCE 1997



DEDICATED TO YOUR SUCCESS

A CERTIFIED SMALL BUSINESS

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REAL TIME ADVANTAGE

ENGINEERING SERVICES

Real Time 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 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 top-secret work bays and is ITAR and EAR controlled. Real Time uses layered firewall protections and access-controlled secure servers and printers to protect our client's Intellectual Property.

REAL TIME | ENGINEERING CAPABILITIES



CORE

- Program & Project Management
- Systems
- Software
- DO-178 B/C Certification
- Verification & Validation
- Engineering Services

FUNCTIONAL EXPERTISE

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

ADDITIONAL

- Complex Electronic Hardware Design & Integration
- Lab Development & Support
- Safety Assessments
- Full Life-cycle Development
- Testing & Simulation
- Tools Development
- Controls
- Rapid Prototyping

SOFTWARE

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

SYSTEMS

- ARP 4754 Processes
- Safety (ARP 4761) 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

20+ RealTime CONSULTING

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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 provides quality service through industry standard systems and software process methodologies with proven success for all suppliers including many Fortune 100 companies, OEM and first-tier OEM suppliers.



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