

ZILITIVITY INC.

Software Engineering and IT Services Consulting

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Capabilities Statement

Zilitivity Inc., in collaboration with its esteemed partners, boasts 30 years of executive expertise as a leading provider of tactical software engineering, cybersecurity, and IT services for DoD classified projects. We address the requirements of the U.S. Military's critical systems, including the Nuclear Submarine Ship Control System, F-18 Fighter Jet, Black Hawk, Chinook, Osprey, Dual Band Radar, National Advanced Surface-to-Air Missile System, B-52 Bomber, and Special Access Program (SAP). Our team of highly skilled subject matter experts (SMEs) possesses extensive experience that ensures compliance with DoD industry standards.

Differentiators

Certifications and Compliance:

- Ready for DOD Cleared Work.
- JCP Certified
- CMMC for DoD - NIST SP 800-171 Compliance
- Enrolled in National Security Agency (NSA)/
- Central Security Service (CSS) Defense Industrial Base (DIB) Cybersecurity services

Personnel and Expertise:

- 150+ cleared SMEs with up to Top Secret SCI
- Skilled Engineers with Industry Experience

Processes and Management:

- DevOps, Scrum, Agile, Kanban, Scrumban, Waterfall, Spiral, CMMC, CMMI, MIL standards
- Performance-Based Processes
- Client Relationship Management
- Quality Focused Rigor
- Software Engineering Process Group (SEPG)

Executive Experiences

RTX (Raytheon Technologies), 1999 - present

- Dual Band Radar (S-band VSR & SPY-3 X-band MFR)
- National Advanced Surface-to-Air Missile System (NASAMS)

General Dynamics Electric Boat (GDEB), 2022 - present

- Classified Software Engineering Subcontract
- COLUMBIA & VIRGINIA Nuclear Submarine Ship Control Systems

General Dynamics Mission Systems (GDMS) 2020 - present

L3Harris Technologies, 2019-present

- F18 Fighter Jet's Integrated Defensive Electronic Countermeasures
- Special Ops Helicopters (Black Hawks, Ospreys, Chinooks), B-52 Bomber and C130 aircrafts, Operational flight program (OFP)

Boeing, 2003 - 2022

Lockheed Martin, 2001 - 2023

Flight Safety, 2020 - 2024

Con Edison, 2017 - 2018

Other Engineering and IT Services, 1995-present

Core Capabilities

Engineering Disciplines:

- Embedded Software and Systems Engineering
- Software Unit, Systems, and Integration Testing
- Software Development and Integration
- Quality Assurance (QA)
- Independent Verification & Validation (IV&V)
- Special Access Programs
- Root Cause Analysis

Technologies and Techniques:

FPGA, MCU, Radar, Jammer, Avionics, RF Techniques, Simulation (AvSim, Multisim, Simulink), Signal Modulation, Logic Analyzers, Spectrum Analysis, Electrical Circuits, Safety Protocols, ESD-Handling, Oscilloscope

Programming Languages and Tools:

Ada, Java, C++, ATAC 16M, MIPS, VxWorks, ObjectAda, VectorCAST, GNAT Studio, MATLAB, DOORS, Jira, Coverity, GitLab, PTC Integrity, Rhapsody

Company Info

Entity: Zilitivity Inc.

| CAGE: 9PD32

SAM UEI: PQYRBBNDQFM5 | DUNS: 09-032-9372

NAICS:

- 541511 - Custom Computer Programming Services
- 541512 - Computer Systems Design Services
- 541330 - Engineering Services
- 541519 - Other Computer Related Services
- 561320 - Temp. Help Services
- 541690 - Other Scientific & Technical Consulting Services

PSCs:

- DA01 - IT & Telecom – Application Development Support Services
- 1905 - Combat Ships and Landing Vessels
- D304 - IT, Telecom, and Transmission Services

Serving: Throughout U.S.

