

Capability Statement

About Us

APPLIED MBSE is a small group of Systems Engineers with decades of experience architecting systems and software for military, government, and commercial programs Operating out of Palm Bay, FL with the ability to go nationwide. Each of our members are OMG certified modelers with advanced engineering degrees. We keep our group small and our standards high. Our approach allows you to move to an Agile development life cycle where the reference architecture provides the '80% solution' for your next project. We provide training at your site to bring you up to speed in the model use and reach back for long term support.



Core Competencies

Applied MBSE Specializes but is not limited too –

- Behavior modeling with execution
- Structural Modeling with SWaP Roll-up
- Parametric Modeling
- Requirements synchronization and mapping
- Model-based Documentation
- Requirements generation and analysis

Past Performance

- Underwater warfare training system
- 1B Undersea sensor system
- Space-Based Optical Sensor system
- Sub-Sea Communications system
- RF-Based Battle-Management System
- SysML Optical Link Budget calculations
- SysML Reliability calculations
- Unmanned Underwater Vehicles
- Robotics
- Air-to-Air Communications Systems
- Satellite Communications Systems
- Software Defined Radio Systems

Differentiators

CERTIFICATIONS, Licenses, and Education

- INCOSE Certified Systems Engineering Professional (CSEP) - Credential ID 24004505
- Object Management Group OMG-Certified Systems Modeling Professional

Education

- Florida Institute of technology
- Master of science – MS, Systems Engineering Model Based Systems Engineering
- Florida Institute of Technology
- Masters degree Computer Science
- AI/ Fuzzy Logic

NAICS Codes

- 334511 - Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing.
- 334512 - Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use.
- 333999 - All Other Miscellaneous General Purpose Machinery Manufacturing

Contact us:

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