

Job Title: Integration Engineer (Mid-Level)

Location: Schriever Air Force Base, CO

Clearance: Secret

Level: Mid-Level

Position Description:

The selected applicant will become part of an integrated contractor team as a Modeling and Simulation (M&S) Integration and Test (I&T) Engineer supporting high fidelity/ high resolution modeling of the Ballistic Missile Defense System (BMDS). The candidate will perform integration and testing of digital models and simulations as part of an M&S enterprise. Some travel will be required.

Primary Duties and Responsibilities:

- Daily participation on a team that develops and implements integration processes as the environment matures from a prototype to a formal digital Modeling and Simulation Enterprise
- Integration of the element and component models of the Digital Prototype to feed the design and testing of Early Digital Product (EDP)
- Support the development and execution of integration and verification of the End to End Digital Simulation Framework (EDISS)
- Serve as an Integration and Test Engineer and technical representative to the government.
- Support users across the community with data retrieval.
- Coordinate with model developers during integration.
- Identify and resolve integration of enterprise level, system of systems issues.
- Assist in conduct of top level enterprise integration risk assessments.
- Ensure consistent integration and test processes across M&S environments.
- Ensure consistent systems engineering processes across the M&S system.
- Report Integration, system of systems, status to government and program managers.
- Draft technical instructions, test plans, and other system integration related documents.
- Perform other integration duties as assigned.

Minimum Requirements:

- Bachelor's degree in computer science, computer engineering, or related technical discipline and a minimum of five year's related experience.
- Five (5) to eight (8) years directly related experience.
- Demonstrated understanding of the BMDS system.
- This position requires the selected candidate have an active DoD Secret clearance with the ability to obtain a TS/SCI clearance.

Required Skills:

- Experience developing test plans and integration objectives.
- Understanding of C, C++ and/or other programming languages.
- Experience in formulating and defining system scope and objectives based on user needs.
- Working knowledge of the Linux operating system (or other Unix variants)
- Strong written and verbal communication skills

Preferred Capabilities/Experience

- Experience with hardware/software/network integration
- Experience with troubleshooting hardware and software defects
- Experience with Ballistic Missile Defense programs
- System Engineering Requirements Support for exercises
- Test and Execution for the GMD System Trainer (GST)
- System Test requirements for verification of new capabilities
- Scenario development support

Security Clearance Requirements:

- Position requires that candidate possess, or be able to acquire an active TOP SECRET security clearance in order to access classified information. Inability to maintain a security clearance will result in candidate being ineligible to support this position.