

Job Title: Systems Engineer and Subject Matter Expert (SME)

– Protected Tactical Enterprise System (PTES) (Level 2/3/4)

Job Location: Colorado Springs, Colorado

Security Clearance: SECRET

Clearance Status: Must be Obtainable



Job Summary:

Responsible for a wide range of system development and demonstration related tasks for the Protected Tactical Enterprise Service (PTES) project. A successful candidate will contribute to the development and demonstration of next-generation technology in an agile development environment. Duties include understanding and applying concepts identified in customer documents, generating acceptance criteria for future functionality, conducting cost-benefit analyses, and other system engineering tasks within the agile development framework. Duties also include identifying dependencies and gaps across the system, and scheduling and managing integration across system product teams. The candidate will also act as a subject matter expert (SME), responsible for applying experience with satellite communications (SATCOM) command and control (C2) systems to integration efforts across the PTES program. This SATCOM C2 experience will result in the candidate leading, coordinating, and conducting significant program demonstration events. Demonstration tasks include planning and managing the demonstration schedules, performing demonstrations to internal and external stakeholders, completing documentation associated with events, and preparing and delivering demonstration out briefs. This position requires regular interaction with PTES stakeholders and travel (25%) to demonstration events.

PTES is a next-generation military satellite communications (MILSATCOM) system that manages and transmits the protected tactical waveform (PTW). PTES uses the PTW to provide secure, anti-jam communications over Boeing-built Wideband Global SATCOM (WGS) satellites and terminals. This capability will ensure that the user can receive required services over SATCOM resources in benign and contested, degraded, and operationally limited (CDO) environments.

Required Qualifications:

- Ability to obtain an interim U.S. Government SECRET security clearance (requires US Citizenship)
- Knowledge base of Wideband and Protected SATCOM command and control (C2) systems
- Experience with SATCOM systems, products, and interfaces
- Experience working within an agile system development framework, conducting systems engineering tasks for a complex system
- Ability to isolate and resolve complex problems, identify workarounds, and implement and document corrective actions across multiple systems and components
- Excellent organizational skills and ability to manage multiple demonstration events at the same time
- Excellent verbal, written, communication, and interpersonal skills
- Ability to work independently as well as within a team
- Proficiency with MS Office Products (Word, Excel, PowerPoint, etc)

Preferred Qualifications:

- Current U.S. Government SECRET security clearance (required U.S. Citizenship)
- Familiarization with DoD systems and subsystems (e.g. C2ISR platforms, SATCOM, data links)
- Familiarization with computer networking and cyber security principles and practices
- Experience working in an Agile/Scrum team using tools to assist system development, such as Jira and Confluence, is highly desirable
- Experience with SATCOM systems, products, and interfaces
- Familiarity with other engineering disciplines (systems, hardware, test, configuration management, and quality engineering) and how they interact with software engineering

Educational Requirements:

- *Engineer Level 2:* Engineer Level 2: Bachelor's degree and 2 or more years relevant experience, or an equivalent combination of technical education and experience (e.g., Associates + 6 years' related work experience)
- *Engineer Level 3:* Bachelor's degree and seven or more years relevant experience, Master's degree, and four or more years relevant experience
- *Engineer Level 4:* Bachelor's degree and 12 or more years of experience, Master's with nine or more years of experience

(Degrees must be from an accredited course of study in engineering, computer science, mathematics, or physics)

In compliance with Colorado's Equal Pay for Equal Work Act, the salary range for this position is \$78,000 to \$132,000. Ascension Engineering Group considers factors such as work experience, education, key skills, and position role when extending an offer.

Ascension Engineering Group is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status, or disability status.