

Job Title: Systems Engineer (Level 3/4/5)

Job Location: Colorado Springs, Colorado

Security Clearance: SECRET

Clearance Status: Must be Obtainable



Job Summary:

Responsible for a wide range of system development related tasks for the Mission Management Segment (MMS) of the Protected Tactical Enterprise Service (PTES) program. The candidate will function as a Systems Engineer performing design, architect, development, and planning activities for PTES functionality using the agile system development lifecycle. Duties include defining the system architecture, partitioning large sets of capability into lower levels of subsystems and components, applying concepts and requirements identified in customer documents, guiding plans for future work and generating acceptance criteria for future functionality, conducting trade studies to understand cost-benefit analyses, and other engineering tasks within the agile development framework. Regular interaction with internal and external stakeholders, the assigned development teams, and other product teams is required.

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. The MMS is responsible for managing mission operations and the resource allocation process for PTES resources. 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 U.S. Citizenship)
- Minimum seven years' experience working with Wideband or Protected system architecture, interfaces, protocols, and concept of operations
- 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
- Good 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)
- Knowledge base of Wideband and Protected SATCOM resource allocation and C2 systems
- 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

Educational Requirements:

- *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
- *Engineer Level 5:* Bachelor's degree and 16 or more years of experience, or an equivalent combination of technical education and experience (e.g. PhD +9 years' related work experience, Masters +12 years' related work experience).

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

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.