



Job Title: Product System Engineer – Protected Tactical Enterprise System (PTES) (Level 4/5/6)

Job Location: Colorado Springs, Colorado

Security Clearance: SECRET

Clearance Status: Must be Obtainable

Job Summary:

Responsible for various system engineer tasks engineering responsibilities associated with the Protected Tactical Enterprise Service (PTES) project. A successful candidate contributes to developing next-generation technology in an agile environment. The candidate will lead the planning, design, development, and verification of a complex system of systems and solutions. Specific functions will include leading and applying technical performance measurements, requirements management, system certification via the Government customer, identification of operational needs, and system verification/sell-off.

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 Wideband Global SATCOM (WGS) satellites and terminals. This capability will ensure the user can receive required services over SATCOM resources in benign, contested, degraded, and operationally limited (CDO) environments.

Required Qualifications:

- Ability to obtain an interim U.S. Government SECRET security clearance (requires U.S. Citizenship)
- Knowledge of the systems engineering development lifecycle and change management process
- Experience with Agile technologies and tools
- Experience in systems engineering functions, including operations concept development, system and product design, requirements management, technical risk management, interface definition and control
- Demonstrated ability to effectively work with and communicate with all levels of management and individual contributors on the program team
- Excellent verbal, written, communication, and interpersonal skills
- Ability to work independently as well as within a team
- Proficiency with M.S. Office Products (Word, Excel, PowerPoint, etc.)

Preferred Qualifications:

- Current U.S. Government SECRET security clearance (required U.S. Citizenship)
- Systems Engineering experience on a large government software development contract
- Proficiency with system performance modeling and development using Python and other scripting languages
- Verification including the generation of verification (e.g., inspection and analysis) reports and supporting artifacts



- Ability to gather and integrate data from disparate sources to derive solutions that meet the needs of multiple teams and to collaborate and build consensus, so all impacted stakeholders accept these solutions
- Experience working in a fast-paced and dynamic work environment where priorities often change due to program needs
- Experience with Model Based Systems Engineering (MBSE) using DOORS, Enterprise Architect, and JIRA or similar tools
- Experience working in an Agile or DevOps development environment, being part of a highly integrated team working closely with Software, Integration and Verification teams

Educational Requirements:

- *Engineer Level 4:* Bachelor's degree and 12+ years of experience, Master's with nine or more years of experience
- *Engineer Level 5:* Bachelor's degree and 14+ years of experience, Master's with 12+ years of experience, Doctorate with 9+ years of experience
- *Engineer Level 6:* Bachelor's degree and 20+ years of experience, Master's with 18+ years of experience, Doctorate with 15+ 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 \$99,000 to \$185,000. 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.