

Job Title: Software Architect – Protected Tactical Enterprise System (PTES)
(Level 5/6)

Job Location: Colorado Springs, Colorado

Security Clearance: SECRET

Clearance Status: Must be Obtainable



Job Summary:

Responsible for a wide range of software architecture requirements and development related tasks for the Protected Tactical Enterprise Service (PTES) project. A successful candidate will develop next-generation technology in an agile environment using skills in software architecture. The candidate should have experience with Java, JavaScript, and Angular software languages. Key responsibilities for the qualified candidate include technical leadership of a software scrum team; utilizing Kubernetes, Docker, and Rancher RKE; decompose complex requirements to epics and user stories; and participate in the architecting of a system using micro services. As a member of the PTES team, the candidate will participate in the entire software development lifecycle, from idea creation and development, through maintenance and support of the delivered system. This position will place the candidate in a role that provides the opportunity to make direct impacts on the outcome of the overall project.

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 US Citizenship)
- Proficiency with Java, JavaScript, and Angular software languages
- Proficiency with a continuous integration / continuous development (CI/CD) pipeline
- Experience using Kubernetes, Docker, and Rancher RKE
- Proficiency with design and development in Agile environment
- Experience decomposing complex requirements into epics and user stories
- Strong teamwork and interpersonal skills
- Excellent verbal, written, communication, and interpersonal skills
- Ability to work independently as well as within a team

Preferred Qualifications:

- Current U.S. Government SECRET security clearance (required U.S. Citizenship)
- Expert proficiency developing software with a high level of automated test code coverage
- Expert proficiency with automated test and test-driven development concepts, tools, and languages

- Prior experience leading an Agile/Scrum team using Jira/Confluence/Maven/Jenkins highly desirable
- Experience with Wideband Global SATCOM (WGS) and protected SATCOM systems, products, and interfaces
- Technical interface with internal and external stakeholders
- Experience preparing, statusing, and presenting detailed schedules, technical material and readiness review data both verbally and written
- Ability to coordinate tasks, provide clear task status, address risk issues, and resolve issues across multiple groups
- Familiarity with other engineering disciplines (systems, hardware, test, configuration management, and quality engineering) and how they interact with software engineering

Educational Requirements:

- *Engineer Level 5:* Bachelors degree and 14+ years of experience, Masters with 12+ years of experience, Doctorate with 9+ years of experience
- *Engineer Level 6:* Bachelors degree and 20+ years of experience, Masters 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 \$140,000 to \$205,000. 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.