

**Job Title:** Integration and Test Engineer (Level 2/3/4/5)

**Job Location:** Colorado Springs, Colorado

**Security Clearance:** SECRET

**Clearance Status:** Must be Obtainable



---

**Job Summary:**

Responsible for developing and implementing software and system tests to verify functional compliance of the Protected Tactical Enterprise Services (PTES) satellite ground system. Duties will include performing system level integration activities, defining and specifying the implementation of standards, methods, and procedures for inspecting, testing, and evaluating the precision, accuracy, and reliability of the system with a strong emphasis on test automation.

PTES is a new global military satellite communications (MILSATCOM) ground system that will manage transmission of protected tactical waveform — a type of secure, anti-jam communication — over Boeing-built Wideband Global SATCOM (WGS) satellites. PTES includes a key loading and initialization facility, key management system and a mission management system.

---

**Primary Responsibilities:**

- Determine the verification approach for allocated requirements
- Develop test procedures
- Develop software scripts and test automation solutions
- Isolate and report software and system level defects
- Integrate hardware and software components into working subsystems and systems
- Conduct formal test events with customer witnesses
- May require occasional travel

**Required Qualifications:**

- Ability to obtain an interim U.S. Government SECRET security clearance (requires US Citizenship)
- Familiarity with software development and testing tools
- Familiarity with requirements allocation and traceability
- Good verbal, written, communication, and interpersonal skills
- Ability to interface with internal and external customers
- Ability to work independently as well as within a team
- Proficiency with MS Office Products (Word, Excel, and PowerPoint)
- Ability to isolate and resolve complex problems, identify workarounds, and implement and document corrective actions

**Preferred Qualifications:**

- Current U.S. Government SECRET security clearance (requires US Citizenship)
- Experience with test process development, test case design, test procedure development, test execution, system evaluation and test reporting
- Experience with requirements traceability, system-of-systems integration, test planning, development and execution
- Experience with automated test and data-driven development concepts, tools, and languages
- Experience with Wideband Global SATCOM systems, products, and interfaces
- Experience with automated test tools including SoapUI and Selenium
- Experience with Virtualization and web service technologies, protocols, and standards
- Experience working in an agile development environment using Jira

**Educational Requirements:**

- *Engineer Level 2:* Bachelor's degree and 3 or more years relevant experience, Master's degree and relevant experience, or 6 or more years relevant military satellite communications experience
- *Engineer Level 3:* Bachelor's degree and 7 or more years relevant experience, Master's degree and 4 or more years relevant experience, or 10 or more years relevant military satellite communications experience
- *Engineer Level 4:* Bachelor's degree and 12 or more years of experience, Master's with 9 or more years of experience
- *Engineer Level 5:* Bachelor's degree and 18 or more years of experience, Master's with 15 or more years of experience

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

Ascension Engineering Group is an Equal Opportunity 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.