

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

**Job Location:** Colorado Springs, Colorado

**Security Clearance:** SECRET

**Clearance Status:** Must be Obtainable



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**Job Summary:**

Responsible for developing and implementing software and system tests to verify functional compliance of the Wideband Global SATCOM (WGS) Mitigation and Anti-Jam Enhancement (MAJE) 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.

MAJE is a major component of the Global SATCOM Configuration Control Element (GSCCE) satellite control segment used to provide payload control and monitoring for the fleet of on-orbit WGS spacecraft. MAJE is an upgrade to the existing GSCCE system that will provide the WGS constellation with increased resilience to electronic threats. MAJE is used to assist in electromagnetic interference (EMI) identification, mitigation, and resolution of undesired electromagnetic energy or signals.

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**Primary Responsibilities:**

- Determine the verification approach for allocated requirements
- Develop test procedures
- Isolate and report software and system level defects
- Integrate hardware and software components into working subsystems and systems
- Write software scripts and automation tools to demonstrate system functions
- 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
- Experience with Virtualization and web service technologies, protocols, and standards
- Experience with the JBoss application server, PostgreSQL databases, JMS/SOAP/REST/JSON
- 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.