

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

**Job Location:** Colorado Springs, Colorado

**Security Clearance:** SECRET

**Clearance Status:** Must be Obtainable



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**Job Summary:**

Responsible for a wide range of system integrations and testing for the Wideband Satellite Communications (SATCOM) Trend Analysis and Anomaly Resolution System/Wideband SATCOM Operations Management System (WSOMS) Mediated Interoperability Infrastructure (WSTARS/WMII) system. The candidate will function as a Wideband SATCOM Subject Matter Expert (SME) performing design, development, and testing activities for all aspects of the systems development lifecycle. Duties include requirements analysis, integration, test and validation, documentation, training, software/hardware installation, and fielding support for the WSTARS/WMII system. Candidate will perform a variety of duties in systems and software integration and test to include working from systems documentation and specifications, conducting tests, and reporting data and results in prescribed formats. Regular interaction with the customer and development teams is required.

WSTARS/WMII is a major component of the WSOMS used to provide satellite network and payload control and monitoring for Defense Satellite Communications System (DSCS) and Wideband Global SATCOM (WGS) satellites. WSTARS/WMII will provide enhanced data sharing and information management capabilities to support management of Wideband Commercial SATCOM and Wideband Military Satellite Communications systems.

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**Primary Responsibilities:**

- Function as a Wideband SATCOM System SME in support of the program
- Develop implementation methods of system level requirements for software development and verification activities
- Perform system level integration activities
- Perform and support system test and validation activities
- Generate and maintain system and test documentation
- Develop and conduct system level training materials
- Provide on-site support for installation, test, and fielding activities
- Requires occasional travel in support of customer interface, technical interchange meetings, test events, training execution, and on-site technical support
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**Required Qualifications:**

- Ability to obtain an interim U.S. Government SECRET security clearance (requires US Citizenship)
- Minimum 2 years' experience working with WGS system architecture, interfaces, protocols, control, planning, equipment, concept of operation, troubleshooting, policies, and/or procedures

- 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

**Preferred Qualifications:**

- Current U.S. Government SECRET security clearance (requires US Citizenship)
- Knowledge base of WSOMS
- Experience or familiarization with analysis of satellite events, troubleshooting anomalies, outages, interference, technical feasibility, interoperability
- Familiarization with DoD systems and subsystems (e.g. C2ISR platforms, SATCOM, data links)
- Familiarization with computer networking and cyber security principles and practices
- Experience with requirements traceability, system-of-systems integration, and test planning and execution
- Experience with automated test and data-driven development concepts, tools, and languages
- 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

(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 \$78,000 to \$132,000. 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 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.