

Job Title: Systems Engineer – (Level 3/4)

Job Location: Colorado Springs, Colorado

Security Clearance: Secret

Clearance Status: Must be Obtainable



Job Summary:

Responsible for a wide range of system engineering related tasks 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.

Required Qualifications:

- Ability to obtain a U.S. Government SECRET security clearance (requires U.S. Citizenship)
- Knowledge of the systems engineering development lifecycle and change management process
- Experience in satellite command and telemetry
- 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 MS 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
- Experience with complex satellite ground systems, particularly previous deployment of developed systems to ground station operations
- Experience with Ground equipment/RF equipment
- Experience in integration, and/or verification and validation

- Experience in Systems Engineering process development and deployment
- 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 3:* Bachelor's degree and seven or more years relevant experience, Master's degree, and four or more years relevant experience
- *Engineer Level 4:* Bachelor's degree and 12 or more years of experience, Master's with nine 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 \$81,000 to \$130,000. 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.