

Job Title: Systems Engineer – Wideband Remote Monitoring Sensor (WRMS)
(Level 2/3/4/5)

Job Location: Colorado Springs, Colorado

Security Clearance: SECRET

Clearance Status: Must be Obtainable



Job Summary:

Responsible for a wide range of system development related tasks in formal engineering life-cycle processes for Wideband Satellite Communications programs. The candidate will function as a Systems Engineer performing design, architect, development, and planning activities for Wideband Remote Monitoring Sensor (WRMS) functionality using the agile system development lifecycle. Applicant will perform a variety of duties in system engineering, development, and test. Applicant will work from systems documents and specifications, follow written and verbal instructions, conduct tests, and report data. Duties include defining the system architecture, partitioning large sets of capability into lower levels of subsystems and components, applying concepts and requirements identified in customer documents, and guiding plans for future work. Regular interaction with internal and external stakeholders, the assigned development teams, and other product teams is required.

WRMS is a spectral monitoring system supporting the Department of Defense Wideband Military Satellite Communications. The satellite monitoring equipment is required to support the Defense Satellite Communications System (DSCS) and Wideband Global SATCOM (WGS) satellite constellations, and to provide enhancements on an as-needed basis to meet emerging mission requirements. The purpose of satellite monitoring is to ensure DoD communications that take place over these satellites occur as planned and to identify/mitigate interferences. These interferences can typically be contributed to environmental disruptions (sun/rain), unauthorized access, jamming, and operator error. This not only aids in maintaining planned communications but enables more effective management of satellite resources.

This position is contingent upon contract award.

Required Qualifications:

- Ability to obtain an interim U.S. Government SECRET security clearance (requires U.S. Citizenship)
- Minimum three years' experience working with Wideband or Protected system architecture, interfaces, protocols, and concept of operations
- Experience working within an agile system development framework, conducting systems engineering tasks for a complex system
- 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
- Proficiency with MS Office Products (Word, Excel, PowerPoint, etc.)

Preferred Qualifications:

- Current U.S. Government SECRET security clearance (required U.S. Citizenship)
- Knowledge base of Wideband and Protected SATCOM resource allocation and C2 systems
- Familiarization with DoD systems and subsystems (e.g. C2ISR platforms, SATCOM, data links)
- Familiarization with computer networking and cyber security principles and practices
- Experience working in an Agile/Scrum team using tools to assist system development, such as Jira and Confluence, is highly desirable
- Experience with SATCOM systems, products, and interfaces

Educational Requirements:

- *Engineer Level 2:* Bachelor's degree and three or more years relevant experience, Master's degree and one or more years relevant experience
- *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
- *Engineer Level 5:* Bachelor's degree and 16 or more years of experience, or an equivalent combination of technical education and experience (e.g. PhD +9 years' related work experience, Masters +12 years' related work 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 \$150,000. 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.