

Job Title: Systems Engineer

Job Description: Lead complex airborne, mission critical, DOD Command, Control, Communications, Computers, Intelligence, Surveillance, Reconnaissance (C4ISR) classified hardware system design Programs. Systems Engineering integrates all the engineering disciplines and specialty groups into a team effort forming a structured development process that proceeds from concept to production to operation. Systems Engineering considers both the business and the technical needs of the customer with the goal of providing a quality product that meets the user needs. This position will interact with all disciplines within the organization to coordinate mechanical and electrical design, cost, and schedule while maintaining focus on “the big picture” to meet system specifications

Duties and Responsibilities Include:

- Analyzing customer and market requirements. The selected candidate will interface with customers, other contractors and internal support groups to successfully meet the goals of the Program and the Company.
- Preparing requirements specifications and guiding allocation.
- Performing top-level system designs and trade-off studies.
- Providing technical and cost inputs for proposals and marketing initiatives.
- Conferring with customers, engineers, and program managers to obtain information on limitations and capabilities of existing systems and capabilities.
- Leading and coordinating multidisciplinary product teams to provide system level technical oversight working on all phases of the system development cycle, from concept development through system sell-off to the customer.
- Interfacing with test engineers to provide system test plans and procedures to ensure that the delivered system fully meets both the functional and performance requirements.
- Interfacing with other functional engineering groups, manufacturing and testing as necessary to resolve technical issues and anomalies. Leads troubleshooting teams as necessary.
- Providing technical oversight to field installation teams to install electronic equipment, cables and/or computers on aircraft and conducting test following installation.
- Overseeing testing and operation of equipment after delivery and installation to ensure system operates in conformance with all specifications.

Knowledge, Skills and Requirements:

- 5-10 years in the fields of Systems Engineering, Electrical Engineering, Product Engineering, and/or Manufacturing Engineering as a program lead in systems analysis and integration from product design through delivery and customer support.
- An ability to lead interdisciplinary engineering teams and an ability to troubleshoot and solve complex issues in an organized manner is required.
- Experience in design, testing and/or operation of DOD airborne C4ISR mission systems desired. Experience in military/ aerospace a plus. A solid understanding of UNIX, LINUX, and Windows based systems is strongly preferred.

- Experience with software tools (MS Project, PowerPoint, Word, Excel) and system requirements management tools is desirable.

US Citizenship required. DOD Security clearance a plus.

Job Location: El Dorado Hills, CA

Salary: DOE.