



Systems Engineers

Work location(s): Springfield VA, Chantilly VA, Washington D.C.

Role: Systems Engineer

Level(s): Mid (8-12 years) and Senior (10-15 years)

General description

Systems Engineers (SEs) play an integral role ensuring the timely delivery of products, systems, and services. SEs are commonly involved with designing, building, integrating, and managing complex enterprise systems. They are immersed in several phases of a systems lifecycle and participate in everything from strategic planning, requirements generation and solutions engineering to development integration and schedule milestone management.

Responsibilities

- Assist customers in directing requirements engineering, solutions engineering, scheduling, reliability, resiliency, services development, integration, test and evaluation, maintainability and analysis across the IC and DOD agencies.
- Assist with the planning, analysis/traceability of user requirements, architectures traceability, procedures, and problems to automate or improve existing systems and review cloud service capabilities, workflow, and scheduling limitations.
- Advise customers on proposed changes to solution designs based on analysis of requirements and new technology.
- Assist customers to capture and translate mission and customer requirements/needs into systems/capability requirements and solutions.
- Support the analyses and allocation of requirements to systems architecture components and executing programs.
- Assist customers in performing systems integration activities.
- Assist the customer with strategic technical planning, project management, performance engineering, risk management and interface design.
- Assist with the integration of multiple Major Systems Acquisitions across organizational, agency, department, and governmental/national boundaries.
- Oversee and coordinate the work of senior, mid and junior level contractor Systems Engineers

Requirements

- Active TS/SCI with polygraph
- BS degree in Computer Science, Engineering or a related subject field (STEM)
- Applied knowledge of IC and DoD Acquisition processes
- Service Oriented Architecture (SOA) and cloud environments
- Systems Engineering lifecycle knowledge

Preferred

- Graduate (MS/PhD) degree in Systems Engineering or other STEM related fields
 - Knowledge of cloud-based technologies and systems (AWS, Azure)
 - Working knowledge of Model Based Systems Engineering (MBSE) processes and tools
 - Experience engineering solutions using structured and unstructured Big Data
 - Experience engineering solutions using automation, augmentation, and artificial intelligence technologies
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