



## Position Description

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**JOB TITLE: Systems Engineer**

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**Primary Location:** Denver, CO

### Summary:

Systems Engineers will assist with, provide expertise, and experience for our Government and/or Commercial sector clients. Our engineers deliver state of the art capabilities and provide a wide range of engineering solutions to the most challenging information and system problems. The goal of our engineers is to develop complex system designs or resolve a problem with a current design using the most appropriate/innovative technological approach, that benefits our clients. Our products/services include:

- Process, technical and management solutions that help our clients create systems for the future
- Leadership in development of architectural frameworks while managing the development of the frameworks with complete, coherent, and consistent architectural views
- Assist with establishment of requirements and design principals to assure alignment of solutions with our clients business objectives/mission
- Develop architectural artifacts benchmarked with engineering rigor and operational integrity
- Adherence to industry & government compliance standards

Systems Engineers report to the local Contract/Site Manager and/or Sr. Vice President of Operations.

### Responsibilities:

The System Engineer (SE) will work Coordinate system development tasks that follow our engineering methodology to include requirements analysis, design, integration, and formal testing. SE will oversee all transitions from each system phase from prototype to production deployment (O&M). SE will lead and/or complete actions in system specifications, technical and logistical requirements, and other disciplines. They will create an maintain programmatic/technical documentation to insure efficient planning and execution. Se will be a principal lead

for all systems configuration activities to assure successful mission completion, this includes change control, configuration, and risk management

Responsibilities include:

- Lead one or more assignments across several clients, working closely with all levels of personnel to manage successful completion of all deliverables
- Coordinate the activities of others (internal, client, subcontractor, and associate staff) for collaboration and requirements expectation management
- Ensure aspects of the architecture framework are driven by business requirements; as well as, consistent and effective
- Present the strategic benefits of adopting consistent systems engineering methodology
- Assess requirements and present recommendations that are in line with client vision and wider best practices. Logical fact based analysis must be complete for each recommendation
- Ensure that various views comprising the framework are consistent, coherent, and complete all requirements intentions
- Advise on and participate in governance processes (risk, configuration, design review boards, etc.) to assure that designs deliver the desired benefits
- Serve as a subject matter expert (SME) for architectural frameworks, methods, and tools
- Advise and assist GEM personnel, client personnel and external consultants in any architecture/engineering disciplines
- Other tasks as required

### **Minimum Qualifications:**

The candidate must have:

- Strong coordination, organization, teaming, and communication ability
- Work well individually, as member of a team, or as leader
- Ability to effectively direct others
- Must be organized, accurate, and methodical; utilizing well known engineering practices
- Willingness/Ability to work under pressure and time constraints
- Strong technical presentation skills able to convey high complex concepts to all levels of personnel

### **Preferred Qualifications:**

Reasonable knowledge (and willingness) of the following is a plus:

- Ability to develop and complete architecture views for an enterprise in accordance with common frameworks (e.g. DODAF, FEAF, etc.)
- Strong business analysis skills and experience, including development of business vision and strategies, functional decomposition, requirements capture, process modeling
- Experience with 'system of systems' architecture development, partitioning of functionality among applications and components, and application interfaces/interoperability concerns
- Experience in software development methodologies and structured approaches to system development
- Awareness of systems management and operational support tools
- Security and/or infrastructure experience would also be a significant benefit
- Must be proficient acting in and leading integrated process teams, as well as coordinating and communicating customer requirements
- Comfortable leading a team of professionals within the business, application/systems, data/information and technical architecture disciplines
- Have broad and diverse background in such areas as: business analysis, applications/systems engineering, and information operations/architectures.
- Be able to prepare management reports when required

**Education/Certification Requirement:**

Have a Bachelor's degree or equivalent in Systems, Electrical, Mechanical, Civil, Human Factors Engineering, Computer Sciences, Operations Research Management or other scientific related discipline. We are looking for someone wanting to be a member of our small team and future.

Some of our SE positions may require an advanced degree (MS in System Engineering or similar discipline). Project Management an/or Professional certification also may be desired.

**Clearance:**

Depends on client requirement

**Working Hours:**

Full-time, Monday to Friday

**Relocation authorized:** None