Capability Based Assessment Systems Engineer L4

> **Position ID: 2017 – S – 126**
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> **Position Location: Washington Metro Area**
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> **Duration of Position: Full-Time**
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> **Security Clearance   (TS/SCI Clearance REQUIRED)**
> (Active SCI within 2 years; SSBI current within 5 years)
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> **Need Date: Immediate**

Intelligence Consulting Enterprise Solutions, INC. is looking for an **Capability Based Assessment Systems Engineer L4**

Description:
The Systems Engineering & Integration for the National Systems for Geospatial-Intelligence program delivers full life-cycle systems integration and engineering services to the missions of its customer. This program is chartered to provide technical leadership for many of NGA's highest priorities, including the Capabilities and Retirements Analysis project.

The Capabilities and Retirements Analysis Project provides analysis of alternatives and recommendations to the NGA Modernization Initiatives of candidate legacy systems through migration of enduring capabilities and requirements to modernized systems and retirement of obsolete capabilities and requirements in support of the NGA strategic themes in order to gain efficiencies and cost avoidance.

The Systems Integration engineer will analyze candidate legacy systems by identifying capabilities and requirements that should endure and migrate to modernized system, and those capabilities and requirements that should retire in order to decommission and dispose of legacy systems. The engineer will prioritize divestments to gain efficiencies and cost-savings with minimal mission impact.

Specific responsibilities include, but are not limited to:

- Conduct analysis of operational capability threads to mission needs to ensure capabilities are satisfactorily mapping to the desired state of the GEOINT CONOPs and the NSG and NGA strategies and visions.
- Identify capability redundancies for divestment opportunities to reduce NGA's total cost of ownership with minimal mission impact.
- Identify enduring capabilities and system requirements to migrate from the legacy system candidate to modernized systems.
- Identify redundant, obsolete and non-essential capabilities and requirements that can be deleted from the enterprise architecture.
- Collaborate with stakeholders and adjacent systems engineering teams to develop cost-benefit analysis; determine milestones, requirements migration, risks; and assist with transition processes (licenses, security, testing, deployment, disposal, etc.).
- Deliver documentation to demonstrate traces of operational capabilities and system requirements from the legacy system to the future system.
- Generate artifacts to support the development of transition plans by the Modernization Initiatives and Programs for transition/divestment activities (i.e. artifacts and analysis to the RFC originator).

- Develop and deliver retirement recommendations to stakeholders at decision boards.

Required Qualifications:

- TS/SCI Clearance (with a current SSBI favorably adjudicated within the last 5 years)
- Bachelor's degree in CS / Math / Science / Engineering or related technical experience
- 11+ full years of experience in related field, with a minimum of 5 years of recent agency experience.
- SE&I experience working with NSG/NGA or GEOINT Mission Partner systems/segments
- Experience with NGA systems and GEOINT Architecture
- Ability to conduct technical trade studies and analysis
- Experience applying system engineering processes, and detailed implementation planning to complex systems or enterprises
- Strong interpersonal, problem solving, organizational and multi-tasking skills
- Excellent written, verbal, and presentation skills
- Knowledgeable about IC Cloud Computing Initiatives, virtualization (HW & SW), SOA, open standards initiatives, and NIST framework
- Experience with the NGA Change Management Process
- Ability to work independently and within a team environment
- Experience with JIRA Scrum
- Proficiency with Microsoft Office applications and Windows XP

Desirable Qualifications or Exceptional Candidate:

- Advanced degree in a technical field
- Demonstrated working knowledge of the NGA organization, strategy and mission
- Working knowledge NGA Foundation GEOINT, Analysis, Infrastructure, and/or Exploitation systems
- Working knowledge of the NSG and NGA Acquisition Processes
- Relevant SE&I (INCOSE), Agile (Scrum) certifications
- Familiarity with NGA leadership and organization
- Project/Task Leadership skills and experience