



## Systems Integration & Test Engineer

**Req ID:** SB\_IT\_01 to SB\_IT\_03

**Position Title:** Systems Integration & Test Engineer

**Classification Requirement:** TS/SCI with CI polygraph

**Position Description:**

The Systems Integration & Test Engineer Candidate will be part of the greater Systems Engineering Integration and Test team at SAGE Black. Plans, implements, tests, documents, and maintains solutions for the integration and testing of in-house developed and COTS/GOTS components, elements, subsystems and/or systems. Synthesizes customer contractual needs and requirements into system test solutions that acknowledge technical, schedule and cost constraints. Establishes functional and technical specifications and standards, solves hardware/software interface problems, defines input/output parameters, and ensures integration of the entire system or subsystem. Reviews, evaluates and derives requirements for testability, develops and directs preparation and execution of comprehensive test plans, procedures and schedules for complete systems and/or subsystems. Coordinates subsystem and/or system testing activities with programs and other organizations. Performs analysis of test results and prepares comprehensive subsystem and/or system level evaluation reports which verify and validate system performance. Writes discrepancy reports and performs integration regression testing to verify/validate incorporated fixes to software, components, subsystems and systems.

Candidate should be familiar with amazon cloud services and testing a software baseline deployed to the cloud. Experience with automated testing (Ranorex). Experience with Image Intelligence domain. Performs maintenance release system test engineering to support the verification approach to user stories and requirements. Performs as a tester on a scrum team performing user story test of the system in development. Performs informal integration testing, formal acceptance test, and operational system checkout. Generates formal test plans and test procedures for factory acceptance testing. Ability to perform defect analysis, ensures requirements trace to test procedures and coordinates issues resulting from test. Updates the engineering baseline documents (defects with test approach and results, test plans, test procedures and test status documents etc.). Ensure enhancements and defects are fully tested and no adverse conditions were introduced into the operational system based on the defect fix. Supports the Release Manager to ensure all changes are ready for operations. Supports external testing organization and performs engineering test activities with enterprise partners.

Because we serve on a greater team that serves our country, the Systems Engineer is required to possess an active Top Secret/Sensitive Compartmented Information (TS/SCI) security clearance and successfully complete a counterintelligence (CI) Polygraph.

**Required Skills:**

- Bachelors and 4 or more years related experience
- Current TS/SCI Security Clearance
- Previous experience with system engineering and test
- System integration and test on a UNIX or Linux platform. Software installation, integration, checkout and test skills are also required
- Desired domain experience: Imagery and Intelligence
- Demonstrated ability to coordinate across multiple functional disciplines, multiple contractors, and multiple locations
- Experience generating user story acceptance criteria and requirement verification criteria
- Experience with test plan and test procedure development
- Experience performing integration testing
- Experience writing and executing formal acceptance tests
- Experience working with external agencies in support of enterprise testing

**In addition to the above skills, the successful candidate will possess some subset of the following:**

- SAFe Agile Development
- VersionOne
- DOORs
- Have experience working in an IPT structure and distributed environment
- Software Unit and Component test experience
- Automated Test Tool Experience (e.g., Ranorex)
- Scripting language experience (Perl, Ruby or Python)
- Excellent communications, organization and planning skills, with ability to work independently
- Microsoft Office (Powerpoint, Word, Excel) and Project expertise

**SAGE black 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.**

**Position Locations:** Littleton Colorado

**Security Clearance:** TS/SCI w/Poly

**Business Unit:** Intelligence Community

**Programs:** Confidential

**Position Class:** Test Engineer

**Position Category:** Mid-level to Senior

**Virtual:** No

**Relocation Available:** Yes

**Work Schedule:** Regular and 9/80 available

**Full-Time / Part-Time:** Full-Time