



<https://tmsllc.us.com/?jobs=system-engineer>

System Engineer

Description

TMSolutions LLC is a Service Disabled, Veteran Owned Small Business providing systems, mission and logistics engineering services to the Department of Defense. Our staff deliver expert technical services in requirements generation, analysis of alternatives, decomposition and allocation, and validation and verification (V&V) that proposed material solutions will be suitable, survivable and effectively satisfy user mission needs. TMSolutions strives to be a trusted partner and to build long-term client relationships by delivering innovative solutions and value-adding products on every project, every day.

The System Engineer supports requirements development, system design, development, and verification/validation of weapon systems and supporting equipment.

Responsibilities

- System requirements development and decomposition resulting in technical performance parameters (TPM), System Requirements Documents (or models), and system specifications.
- Planning and execution management for system engineering life cycle (SELC) processes including developing System Engineering Plans (SEP) and technical review plans/criteria with entry/exit criteria for technical review events, e.g., System Requirements review, System Functional Review, Preliminary Design Review, Critical Design Review, etc.
- Develops requirements traceability matrices and employ them throughout the SELC to support technical review events.
- Collaborates with Test & Evaluation (T&E) managers to develop test methods to best V&V emerging system designs throughout the SELC.
- Collaborates with T&E managers to develop Test and Evaluation Strategies (TES) and Test and Evaluation Master Plans (TEMP) in compliance with DOD directive, policy and best practices.
- Manages development/processing of engineering change request/proposals, and related technical documents and assessments to support configuration control boards.
- Develops and briefs lead system engineers, program managers, functional leads, and customer stakeholders on the system engineering process, performance requirements, and methods for tracing and V&V methods and plans.

Qualifications

- BA or BS with technical, science or engineering focus.
- 5+ years of experience in system engineering, test and evaluation and execution with demonstrated strong analytical and troubleshooting skills.
- DOD Security clearance (mandatory).
- Experience with DOD/DOE weapon system engineering life cycle processes, artifacts, and agencies (highly desired).
- Experience planning and executing T&E events, developing plans, and

Hiring organization

Technology Management Solutions, LLC

Employment Type

Full-time

Beginning of employment

April 2026

Duration of employment

Permanent

Industry

Defense

Job Location

Ogden UT or Albuquerque NM

Date posted

9th April 2026

Valid through

30.06.2026

conducting analysis of T&E results (highly desired).

- Understanding of the DOD's Model Based System Engineering (MBSE) concepts and application thereof (highly desired).
- Experience with SysML using any software (highly desired).
- BA or BS with technical, science or engineering focus.
- 5+ years of experience in system engineering, test and evaluation and execution with demonstrated strong analytical and troubleshooting skills.
- DOD Security clearance (mandatory).
- Experience with DOD/DOE weapon system engineering life cycle processes, artifacts, and agencies (highly desired).
- Experience planning and executing T&E events, developing plans, and conducting analysis of T&E results (highly desired).
- Understanding of the DOD's Model Based System Engineering (MBSE) concepts and application thereof (highly desired).
- Experience with SysML using any software (highly desired).

Job Benefits

TMS offers liberal paid time off, all 11 Federal Holidays, health/dental/eye insurance, and a 401K with 6% match.

Contacts

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