Title: MLS Engineer	Type Position: Full Time
Position ID: 2026-0014	Level: PL4
Primary Location: To be determined	Travel Required: 10% CONUS and HI
Alternate Location: Home office anywhere in the U.S.	Contact: Technical: taxberg@stephensonstellar.org (Tom Axberg) Human Resource: bmoyer@stephensonstellar.org (Barb Moyer)

Company Background: Stephenson Stellar Corporation (Stellar) is a nonprofit research and development organization focused on assuring our nation remains a global leader in the Space Domain. Our mission is to foster technological innovation and provide secure space-based solutions.

Stellar is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, age, disability status, protected veteran status, or any other characteristic protected by law.

Additional information at: www.stephensonstellar.org

Job Description: In this position you will serve as an MLS Engineer for the Mission Performance & Security Systems Directorate. The candidate will serve as a senior technical expert responsible for the design, development, integration, and sustainment of secure data-sharing solutions across multiple classification domains within U.S. Department of Defense (DoD) and Intelligence Community (IC) environments. This role focuses on the hands-on engineering and deployment of cross domain solutions (CDS) and multi-level security architectures, enabling controlled, policy-compliant data transfer between networks of differing classification levels. The position requires deep technical expertise, operational experience in classified environments, and the ability to lead the implementation of high-assurance security solutions supporting mission-critical systems. Additional responsibilities include: (1) Design, develop, and implement cross domain solutions (CDS) to enable secure data exchange between networks of varying classification levels; (2) Architect and maintain multi-level security (MLS) systems, including definition of data flows, trust boundaries, and enforcement mechanisms; (3) Integrate CDS capabilities into complex systems such as ISR platforms, sensing systems, communications architectures, and data environments; (4) Implement and configure data filtering, validation, tagging, and releasability controls in accordance with security and mission requirements; (5) Support real-time and near-real-time data transfer across domains while ensuring system performance and reliability; (6) Troubleshoot and resolve issues related to CDS functionality, data flow, and system interoperability in operational environments; (7) Ensure compliance with NIST Risk Management Framework (RMF) and applicable DoD/IC cross domain policies; (8) Develop and maintain documentation required for Authority to Operate (ATO) processes, including system security plans and risk assessments; (9) Coordinate with government stakeholders, Authorizing Officials, and cross domain authorities during design reviews and accreditation activities; (10) Provide technical leadership and mentorship to engineering teams supporting MLS and CDS efforts; and (11) Develop end-to-end MLS architectures across space sensor payloads (EO/IR, RF sensing), spacecraft bus and onboard processing, ground entry points, mission processing, and dissemination layers.

Requirements

Clearance: Active U. S. Secret clearance with ability to obtain TS/SCI.
Citizenship: Candidate must be a United States citizen.
Education:
- BS in Engineering, Computer Science, Information Systems, or a related technical field (or equivalent experience).

Experience:
- 10-15+ years of experience supporting cybersecurity or systems engineering efforts within DoD or Intelligence Community programs.

Required Skills:
- Demonstrated hands-on experience with Cross Domain Solutions (CDS), including design, integration, or operational deployment.
- Experience implementing or supporting multi-level security (MLS) architectures.
- Experience with high-assurance CDS platforms (e.g., Radiant Mercury, Trusted Gateway System, or similar).
- Strong working knowledge of NSA Raise-the-Bar (RTB) requirements and CDS certification processes.
- Experience implementing data tagging, labeling, and automated releasability frameworks.
- Strong understanding of data transfer, filtering, and validation mechanisms across security domains.
- Experience in Test, Verification & Validation, ability to define MLS verification strategies within a functional and secure testing environment.
- Experience in validating data separation enforcement, policy compliance, end-to-end secure data flows, and system-level integration testing across space and ground segments.
- Experience coordination with potential Authorizing Officials and security stakeholders.

Desired Skills:
- Knowledge of real-time or streaming data architectures (e.g., publish/subscribe systems, ISR data flows).
- Familiar with cloud or hybrid architectures in classified environments.
- Software development experience supporting CDS customization (e.g., Python, C++, Java).
- Demonstrated experience supporting large-scale sensing, communications, or ISR systems.
- Cross-domain architecture design, engineering across space and ground domains, system architecture modeling, cyber classification and posture
- Secure data fusion and dissemination experience, familiarization with RMF, and systems accreditation expertise