

Senior Systems Engineer

El Segundo, CA

Brief Description

ZIN Technologies, Inc. is seeking a Senior Systems Engineer to join our team in El Segundo, CA.

The MILSATCOM Systems Engineering, Integration, and Test (MSEIT) effort provides leading edge Systems Engineering & Integration (SE&I) for the Air Force's Space and Missiles System Center. We support the Air Force's acquisition of state of the art Military Satellite Communications systems, providing global secure, survivable, and protected communications for our nation's warfighters. We seek technical individuals who will thrive in a highly collaborative work environment of small teams, using the most modern tools and methodologies to tackle the challenges of integrating complex space and ground communications systems.

Responsibilities:

- Apply Model Based System Engineering (MBSE) to support development of the program technical baselines.
- Analyze system requirements that define the technical baseline and verification of the technical baseline.
- Work with Government and contractor personnel to close gaps in flow of customer requirements down through the system and component levels.
- Lead and supporting Government/Contractor Working Group meetings—by creating briefings, leading discussion, and writing minutes—to resolve risks, requirement gaps, and action items.
- Review proposed changes to the technical baseline for impacts to capabilities and to cross-stakeholder integration concerns.
- Facilitate review of program documents by providing comments, compiling other reviewer comments, and working with contractor to adjudicate the comments.
- Serve as a subject matter expert to assess technical issues and to prepare briefings to U.S. Air Force management.
- Support management of risks, issues, interdependencies, identifying schedule disconnects and conflicts, developing action plans for resolution, and assisting the Government in executing selected solutions.

Requirements

- **BS in technical field, such as engineering and computer science**
- **US Citizenship and an active Secret clearance is required to be considered for this position**
- Strong interpersonal skills, communication (oral and written), and presentation skills
- Proficient in Microsoft Office products (Word, Excel, PowerPoint)

Preferred Skills:

- MS in Engineering

Required Experience:

- 5 years with space or aeronautical systems engineering & integration programs and projects
- 5 years demonstrated experience in systems engineering
- 5 years working in a collaborative team environment developing technical baseline/systems specification, verification or analysis using engineering applications and simulation models

Preferred Experience:

- 10 years with space or aeronautical systems engineering & integration programs and projects
- Experience with MILSATCOM, such as AEHF, EPS, FAB-T terminal programs
- Experience working with military or DoD civilian clients
- Experience with ground and airborne systems, such as terminals and networks
- Experience with communication satellite/terminal performance analyses, link budgets and interfaces