

Program Systems Integration Engineer

El Segundo, CA

Description

We are seeking a Program Systems Integration Engineer to join our team to work onsite at our customer's location in El Segundo, CA.

You will join a Systems Engineering team defining the next generation of space communication systems supporting Air Force Military Satellite Communications. You will support Systems Engineering & Integration activities in a multidisciplinary and collaborative environment. The System Engineer will interface and collaborate with SE&I team members, contractors, government civilians and members of the USAF. The System Engineer will lead and support several working groups responsible for leading technical discussion, resolve and identify risk, requirement gaps, developing briefings, writing and tracking action items, and authoring meeting minutes.

US Citizenship, a relevant Bachelor's Degree and the ability to obtain a Secret clearance are required for the position.

Responsibilities:

- Apply Model Based System Engineering (MBSE) to support development of 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 thru 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 enterprise 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
- 4+ years of demonstrated experience in systems engineering
- 4+ years with system specification, verification, or analysis
- Strong interpersonal skills, communication (oral and written), and presentation skills
- Proficient in Microsoft Office products (Word, Excel, PowerPoint)
- **US Citizenship and the ability to obtain a Secret clearance is required to be considered for this position**

Preferences

- Experience with MILSATCOM, such as AEHF, EPS, WGS, and FAB-T terminal programs
- Experience working with military or DoD civilian clients
- Experience with ground and airborne systems, such as terminals and networks
- Certifications in Systems Engineering (INCOSE ESEP, CSEP)
- Certifications in MBSE (OCSMP)
- Certifications in Agile Development
- Knowledge and experience in Jira and Confluence

About Us

ZIN Technologies, Inc. is a federal contractor and an award-winning AS 9100 registered small, disadvantaged business (SDB) headquartered in Northeast Ohio. Established in 1957, ZIN is a leader in providing advanced engineering services and product development solutions for NASA, DoD, and private industry.

ZIN provides full lifecycle development of aerospace systems including design, development, engineering, integration, test, evaluation, orbital operations, systems modeling, simulation, verification, and validation. The flight hardware lifecycle spans concept definition, design, development, fabrication, verification, integration, launch, operations, and data processing.

We offer expertise in multi-discipline engineering, system and product development, production, and research and technology development. ZIN'S engineering capabilities include systems, mechanical, electrical, fluids, propulsion, structural, thermal, integration and test.

ZIN has a strong heritage in the areas of Space Operations including payload operations, space communications, navigation, and network reconfigurable testbed. ZIN supports exploration systems (ORION, SLS, ISS, commercial vehicles) and space technologies (advanced communications, power, propulsion, cryogenics).

Our award-winning 200+ person organization consists of scientists, engineers, designers, and technicians. ZIN employs an integrated performance-based management approach, providing experienced people, proven processes and tools and exceptional cost, schedule, and technical performance while identifying and managing program and project risks.

Offering Unsurpassed Product, Process and Service:

- Prime contractor
- Sub-contractor
- Product manufacturer
- Value-added service provider

Company Benefits and Programs

In addition to competitive salaries, ZIN offers excellent benefits to our associates, including medical, vision, and dental insurance; short- and long-term disability; life insurance; paid leave and paid holidays; 401(k) retirement plan (immediate vesting); education and training reimbursement; professional development opportunities; employee assistance program; flexible spending plans; credit union membership; and direct deposit.

As a federal contractor, ZIN Technologies strives to comply with all applicable customer, federal, state, and local requirements, up to, and including, COVID-19 vaccine regulations. ZIN Technologies may require its employees to obtain full COVID-19 vaccination, provide proof of vaccination status as a condition of employment, provide documentation to substantiate a valid exemption, as defined by law, and/or comply with all safety protocols related to COVID testing, mask wearing, and physical distancing while in covered contractor workplaces.

ZIN-Technologies, Inc. is an Equal Employment Opportunity Employer
Minority/Female/Disabled/Veteran