

Senior Terminal Systems Engineer

El Segundo, CA

Brief Description

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

You will be assigned to the terminals engineering team responsible for the development of requirements, test and verification and interoperability certification. The Terminals System Test and Evaluation Engineer will support the SATCOM Capability Integrator's office Joint Terminal Engineering Office for the Space and Missile Systems Center (SMC) in Los Angeles, CA.

Responsibilities

- Conduct and participate in IPTs and Working Groups that address the design/development, production, integration, and certification of SATCOM terminals
- Facilitate/develop/present resolution of issues related to terminal integration
- Develop and maintain interoperability requirements for SATCOM programs
- Develop program Interoperability Verification Plans (IVPs), trace IVPs to test events
- Develop terminal Interoperability Certification Evaluation Plans (ICEPs)
- Monitor test events, perform analysis on test results, develop report with recommendations
- Collect, analyze, and report on data collected during program Integrated Tests

Required Skills:

- Independent problem solving with a variety of systems engineering abilities, including knowledge and experience in requirements development, verification, and test
- Ability to work effectively with customers and program stakeholders and have robust written and verbal communication skills

Preferred Skills:

- Candidate must have excellent oral/written communication skills and customer relationship skills
- Candidate must be an independent problem solver, comfortable in a fast paced environment and be able to quickly adapt to emerging requirements and changing priorities

Required Experience:

- **BS in engineering or computer science or equivalent experience**
- 15+ years of relevant technical experience in aerospace
- 5+ years in SATCOM terminals requirements verification, test and evaluation
- **US Citizenship and active DoD Secret Clearance is required to be considered for this position**

Preferred Experience:

- Master's degree in engineering
- Protected MILSATCOM program experience, such as on Milstar, Advanced EHF or Enhanced Polar System
- SATCOM terminal design, development, production, integration & test, and/or certification experience

About Us

ZIN Technologies, Inc. is 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 250+ 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.

ZIN-Technologies, Inc. is an Equal Employment Opportunity Employer

M/F/D/V