

Cybersecurity Systems Engineer

El Segundo, CA

ZIN Technologies, Inc. is seeking a Cyber Security Systems Engineer to join our team at our office in El Segundo, CA.

The MSEIT (MILSATCOM Systems Engineering, Integration and Test) team in support of SMC (Space and Missiles Systems Center) in El Segundo is seeking an individual to provide Information Assurance (IA) and Cybersecurity support for the MILSATCOM Capability area. The MILSATCOM portfolio of programs has an ongoing need for IA/Cybersecurity support, to meet the needs of our emerging next generation protected SATCOM.

Responsibilities:

- Perform systems engineering activities in the areas of cybersecurity, Assessment & Authorization (A&A), cryptographic System Security Engineering (SSE), and Certification & Accreditation (C&A), in accordance with NIST 800-53 RMF and NSA requirements and regulations
- Define security requirements, architecture, and design for embedded and large-scale, distributed DoD space and ground control systems
- Apply risk management concepts to mitigate vulnerabilities in system security architectures
- Interface with Space Force customer, system stakeholders, and external contractors to coordinate cybersecurity/cryptographic requirements and architecture flow down from the system level to individual elements of the system

Requirements:

- **US Citizenship and the ability to obtain a Secret clearance required to be considered for this position.**
- Bachelor's Degree in engineering, physics, chemistry, mathematics, computer science, network and telecommunications, information systems, information technology, or computer information systems
- 2+ years of work experience in System Engineering Architecture/Design
- 2 years of work experience in Information Assurance (IA)/Cybersecurity
- Understanding of the discipline and practice of Systems Engineering throughout the system lifecycle phases of concept, development, production, use, support, and retirement
- Understanding of modern computing architectures including CI/CD, microservices, cloud, and container technologies
- Background in software design
- Strong interpersonal, organizational, and teambuilding skills
- Strong writing and oral presentation skills; ability to write final-version deliverable technical documents and reports

Preferences:

- Master's Degree in Computer Science/Engineering with emphasis in IA/Cybersecurity
- 5+ years of work experience in IA/Cybersecurity
- 5+ years of work experience in System Engineering Architecture/Design

- DoD Space program experience
- RMF or DIACAP Independent Verification and Validation (IV&V)
- NIST 800-53 and CNSSI 1253 RMF Analysis and Accreditation
- Network Engineering
- Communications Systems
- Security Test and Evaluation (ST&E)
- Understanding of the NSA end cryptographic unit certification process
- Security certification (CISSP)
- Secret clearance or higher

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