

Electronic Security System (ESS) Engineer/Subject Matter Expert

Position Description:

Summary of Duties: Security Risk Solutions, Inc., a professional information security services company in Mt. Pleasant, SC, seeks an Electronic Security System (ESS) Engineer with a high degree of proficiency in multiple ESS technologies. The candidate shall be a subject matter expert in the design, analysis, integration, maintenance and support of integrated, Internet Protocol (IP)-based security systems consisting of Access Control Systems (ACS), Intrusion Detection Systems (IDS), networked Video Management Systems (VMS), video intercom and network infrastructure components (firewalls, routers, switches, etc.).

Candidates must have excellent written and verbal communication skills, be able to represent the company in the best light possible, be willing to travel, and be able to interact confidently with individuals at every level of each organization.

Duties and Functions: Directly support the Risk Management Framework (RMF)/Cybersecurity Program in activities related to Industrial Control System (ICS) engineering disciplines, and their integration into the overall ESS design, technical interface testing, security engineering, compliance validation, configuration management, maintenance and support.

- Evaluate electrical systems, products, components, and applications by designing and conducting research; applying knowledge of the system and their capabilities to meet Department of Defense (DoD) regulations, code, and specifications, specifically AR 190-11, Army Physical Security of Arms, Ammunition, and Explosives (IDS), AR 190-13, The Army Physical Security Program, and AR 190 – 51, Security of Unclassified Army property (Sensitive and non-sensitive).
- Confirm systems and components' capabilities by designing testing methods; testing properties, and associated required documentation.
- Provide timely patches for vulnerabilities (vendor specific as well as globally published vulnerabilities), adhere to Information Assurance Vulnerability Alerts (IAVAs), and adhere to Industrial Control Systems Cyber Emergency Response Team (ICS-CERT) alerts and notifications, to maintain system authorization.
- Conduct monitoring and adjustment activities such as system auditing and reviews, assessments, configuration management and change control processes, and applying lessons learned as a part of an overall risk management practice.
- Architecture IP management (such as VLAN Access Control Lists required for site installation and configuration), IP testing, configuration baseline testing, and service specific design requirements.
- Review proposed configuration controlled changes to the information system with explicit consideration for security and functional impact analysis.
- Perform system security engineering analysis related to the integration and implementation of the ESS system(s) and applicable interfaces (IDS Monitoring Stations, ARNG JTF Locations, ARNG Guardnet, etc.).
- Evaluate remote access solutions to ensure they provide efficient and meaningful access to critical information and essential services by those who require it to perform their duties.

- Assess and validate remote access solutions to ensure that resources can access information and essential services from any location if required and allowed by policy.
- Provide technical subject matter expertise for the deployed instances of authorized ESS baseline to site and regional Information Systems Security Officers/Managers (ISSO/ISSMs), and assist in the identification and assessment of site-specific technical requirements.

Qualifications and Requirements:

- Bachelor's degree required; B.S. in IT, Computer Science, Electrical Engineering, or related field desired and at least 4 years of ICS/ESS experience within the DoD, Federal or State governments; OR
- Minimum of 8 years technical experience with commercial grade/production ICS/ESS technologies within the DoD, Federal or State governments.
- US Citizen with ability to obtain security clearance is required.
- Extensive experience in designing and integrating Lenel, SoftwareHouse, Galaxy, Honeywell, Bosch, Elk, Pelco and AiPhone hardware and software products is required.
- Approximately 15% travel
- CISSP, Security+, or other Information Security certification.

Salary: Commensurate with experience.

Application Procedures:

Cover letter, salary requirements, and resume should be submitted to: jobs@securityrs.com

Additional Information:

This is a key position in an established and growing organization with an excellent reputation. Opportunities for growth are substantial, including the potential to build and manage a team supporting multiple clients and contracts. For more information regarding Security Risk Solutions, Inc, please visit our website at www.securityrisksolutions.com.

E-Verify:

If you are selected for this position, the documentation that you present for purposes of completing the Department of Homeland Security (DHS) Form I-9 will be verified through the DHS "E-Verify" system. Federal law requires DHHS to use the E-Verify system to verify the employment eligibility of all new hires, and obligates the new hire to take affirmative steps to resolve any discrepancies identified by the system as a condition of continued employment. Security Risk Solutions, Inc. is an [E-Verify Participant](#).