

SECURITY ARCHITECT

This role will provide technical security support and recommendations to business regarding the structure of their network architecture and the ability to prevent or detect cyber-attacks. Capabilities of this role include support to test, recommend, procure, and integrate preventive and detective safeguards at each layer of technology.

PROJECT EXAMPLES:

- Network design support
- Development and testing of technology requirements
- Integration of preventive and detective technologies

LIST DUTIES TO BE PERFORMED BY THE INCUMBENT

- Provide guidance to senior management by recommending security technologies and solutions that fortify organization's IT Security posture and address regulatory and privacy requirements. Establish and maintain related portfolio and roadmap documentation.
- Forecast IT Security architectural requirements and design solutions in line with organization's strategic initiatives across people, process, and technology.
- Improve IT Security posture by collaborating with others to benchmark current environment, identify security gaps against relevant security frameworks and evaluate/implement enhancements.
- Establish requirements for auditing and monitoring tools (network, AD etc.) and conduct due diligence to assess, recommend and implement solutions, and ensure consistent service quality.
- Actively implement and be the escalation for troubleshooting IT Security related technology in the environment.
- Perform IT Security probabilistic risk assessments and recommend corrective measures to Senior Management.
- In conjunction with the organizations, we support and other stakeholders, collaborate in the development of IT Security related policies and procedures ensuring they are effectively communicated to all impacted parties.
- Prepare IT Security reports on a regular basis by collecting, analyzing, and summarizing data and trends.
- Conduct evaluations of competing for products ensuring that purchasing and competition policies are adhered to.
- Manage vendor activities including preparing estimates, submitting RFIs & RFPs and generally establishing and building upon vendor relationships.
- Provide monitoring and enforcement of any and all delivery vendors compliance with administrative and technical controls.
- Provide consultation services in support of Health Sciences projects containing IT Security components.

OTHER DUTIES

- Maintain working knowledge of IT Security frameworks, standard and best practices (e.g. NIST, ISO 27k, COBIT).
- Maintain working knowledge of common state and federal privacy standards, laws, and government regulations particularly those involving the healthcare industry.
- Update job knowledge by tracking and understanding emerging security practices and standards.
- Interface with colleagues, vendor partners, auditors, management and leadership to represent the best interests of companies we support.
- Demonstrate competence and gain credibility in the field of IT Security among staff, vendor partners and internal/external auditors.
- Contribute to team performance in order to build a motivated and productive team.
- Mentor IT Security engineers within the department.
- Utilize strong organizational, time management, decision-making, and problem-solving skills.
- Quickly gain forward momentum, set work streams in motion, and drive the execution of initiatives with internal peers and external business partners.
- Work independently in a fast-paced environment, effectively managing and prioritizing multiple tasks and projects with deadlines simultaneously.
- Utilize established ISS processes as necessary (New Project Request/Feasibility process, Engineering Design Review process etc.).
- Learn and utilize technologies identified as essential to the process(es) associated with the job responsibilities.