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# Example of Senior Information Security Engineer Job Description

Our growing company is looking to fill the role of senior information security engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for senior information security engineer

* Assesses risks based on changes to implementation of ISO(International Organization for Standardization)/BSO(Business Services Online)
* Creates cost effective solutions for system/application development regarding Information Security processes and concepts in applicable systems and software
* Performs day-to-day Information Security functions pertaining to computer access control on numerous security software products and processes
* Enhance understanding of business objectives and helps providing direction based on risk, Corporate Policy, and association and regulatory guidelines
* Participates in developing long term strategies for conducting system penetration, vulnerability and web application testing, risk assessments, policy creation
* Lead technical information security assessments on vendor solutions providers to accurately reflect associated organizational risk
* Analyze, review, monitor, and reassess the adequacy of information security provisions in vendor and customer contracts
* Lead vendor assessment and risk monitoring by populating an existing GRC tool with assessment results
* Execute technical risk assessments using NIST SP 800-30 methodology against a variety of organization units, entities, business units, technologies, data centers, Summarize and present residual risks identified from assessments for an executive-level audience
* Perform security audits, internal security assessments, risk assessments, and support the management of independent external security audits

## Qualifications for senior information security engineer

* Maintain a professional certification as a Certified Information Systems Security Professional (CISSP)
* Strong working knowledge of infrastructure technologies such as Windows and Linux operating systems
* Candidate must process a CISSP or equivalent IA certification, Security+CE, RHEL 6 System Administration, MCSA, or other equivalent certification
* Possess security certifications (CISSP, CCNA, ) and/or top secret security clearance
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* Knowledge of IEC 62443 policies