South East Water

Position description

Position title	Senior Security Engineer
Group / Branch	Finance & Technology/Business Technology Services
Reports to (Title)	Security Architecture and Engineering Manager
Competency level	Individual Contributor

Job Purpose

Senior Security Engineer will be responsible for evaluating security architectures, conducting risk assessments, and providing expert security guidance to ensure the resilience of our systems, applications, business processes and improve overall security posture. You will collaborate closely with development, operations, and business teams to align security practices with business objectives.

Key Accountabilities

- Perform security reviews for applications, cloud environments, and infrastructure.
- Conduct threat modelling, identity and access reviews, security risk assessments and provide actionable recommendations to mitigate identified risks.
- Provide specialist advise on secure design principles and best practices.
- Assess and validate security controls in alignment with industry frameworks (NIST, ISO 27001, CIS, etc.).
- Collaborate with internal and external stakeholders to enhance security posture and ensure compliance with regulatory requirements.
- Stay updated on emerging cybersecurity threats and assess their impact for South East Water security.
- Assist in the development of security policies, standards, and guidelines.
- Support security incident response efforts by providing technical expertise and remediation guidance.
- Able to obtain security clearance as needed

Knowledge, Skills & Experience

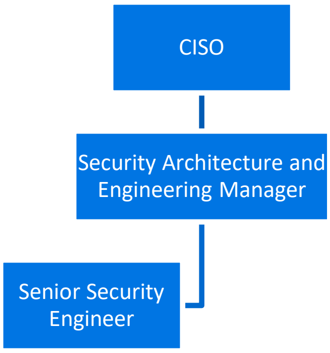
- 5+ years of experience in cybersecurity, with a focus on security architecture, risk assessment, or security consulting.
- Strong understanding of on-premise, cloud security (AWS, Azure, GCP) and enterprise security architectures.
- Hands-on experience with threat modelling, security reviews, and risk assessments.
- Familiarity or qualification/Certification in security frameworks and compliance requirements (e.g., NIST, VPDSS, ISA 62443, CIS, ISO 27001).
- Proficiency in evaluating and implementing security controls for applications, networks, and infrastructure for Enterprise IT and Operational Technology (OT)
- Strong communication skills with the ability to translate security risks into business impact.
- Knowledge of penetration testing, vulnerability management, and security automation.
- Experience working in a DevSecOps environment is preferred
- Experience with advanced security solutions and zero-trust architectures

Education and Formal Certifications:

- Bachelor's degree in computer science, Cybersecurity, Information Security, or a related field (or equivalent experience)
- Industry certifications such as CISSP, CISM, CCSP, SABSA, or equivalent.

Dimensions

Organisational Chart



CISO

Security Architecture and Engineering Manager

Senior Security Engineer

Number of people managed: N/A

Size of budget managed: N/A

Value of Assets managed:

Describe the level/type of responsibility the role has over the organization's assets, both physical and non-physical

Ensuring a sustainable, resilient organisation:

Authorities outlined in **Instrument of Delegations** None

Compliance management responsibilities outlined in the **compliance and obligations register** None