

Senior OT Network & Security Engineer

We're making a difference: Together, we can ensure that there is enough water for everyone, now and in the future.

Portsmouth Water are delighted to have an opening for a Senior OT Network & Security Engineer to support the Digital Transformation of our Production Department.

In this critical role, you will help shape the future of OT at Portsmouth Water by taking responsibility for designing, developing, maintaining and optimising OT network and cyber security solutions. You will deliver eCAF technical objectives while working closely with both operational and technical teams to improve site connectivity, cyber security, Network Information Systems (NIS) compliance, and data acquisition. All of which will elevate the business into an exciting and high performing technological future.

What will you be doing?

Key Responsibilities

- Manage and maintain OT network and network security assets.
- Ensure continuous compliance with manufacturer, company and regulatory standards.
- Proactive monitoring of OT cyber security equipment and systems.
- Lead OT network security workstreams.
- Design, install and commission network and control upgrades and improvements.
- Commission OT works to company and regulatory compliant standards where required.
- Author, manage and review engineering documentation.
- Design and develop OT cyber security and systems solutions including Intrusion Detection, SIEM integration, vulnerability monitoring & management and threat hunting.
- Design & install systems from and to architecture drawings.
- Configuration of managed switches and firewalls including patching & backup management.



320,000

Properties supplied
with water



170 Million

Litres of drinking
water per day



21

Natural water
sources



Excellence | Integrity | Future Focus

£68,130 - £73,168

GRADE 11

+ Car allowance

+ Non-contractual bonus related to company performance of up to 6% of basic salary

Hours:

Full-time | 38 hours per week

Holiday:

28 days annual leave, plus bank holidays

Pension:

A generous pension scheme in which Portsmouth Water will contribute up to 15%

Enhanced Family Friendly Leave:

Enhanced Company maternity, adoption, and paternity leave and pay

Life assurance:

The life assurance scheme provides a death in service lump sum benefit of 4 times pensionable salary

Private Medical Insurance:

Provided by Bupa

Employee Assistance Programme & Virtual GP Services:

Provided by HealthHero

PW Perks: Access discounts at thousands of retailers, plus the Electric Vehicle Scheme (eligible after one year of service), Cycle to Work Scheme, Health Cash Plan, and more!

CONTINUED



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Key Responsibilities Continued

- Manage and facilitate network Penetration Testing.
- Produce security improvement plans where appropriate.
- Security improvements including design, build and management of servers, virtual environments, Domain Controllers, Active Directory etc.
- Implement and maintain disaster recovery, business continuity and change control systems.
- Develop project documentation for project lifecycle.
- Develop Standard Operating Procedures.
- Promote Cyber Security culture across the business to normalise as BAU.

What do you need?

Skills, Qualifications & Competencies

- Bachelors Degree in a relevant technical field.
- Experienced in managing digital network security and governance.
- Experienced in managing firewalls, routers and switches.
- Expert understanding of networking & network management.
- Expert understanding of physical and logical networking methods including virtual environments.
- Expert understanding and experience in managing of Domain Controllers and Active Directory.
- Experienced in managing virtual environments.
- Conceptual understanding of PLC/HMI/SCADA systems.
- System maintenance including patch management and disaster recovery.
- Working to and developing project/engineering documentation.
- Working knowledge of cyber security policies and equipment.
- Recognised cyber security qualification.

What can Portsmouth Water offer you?



Pension Scheme



Flexible Working Opportunities



Professional Development



Employee Assistance Program



Life Assurance



Annual Salary Review



Holiday Entitlement

We recognise people want to work in a variety of different ways, this means we are happy to consider flexible working arrangements. Please talk to us at the interview about the flexibility you may want.

We support equality, diversity and inclusion and encourage applications from all sections of society. The Company has a responsibility to ensure that all employees are eligible to work and live in the UK.

Due to the high volume of applications received we are unable to respond to unsuccessful candidates. If your application is of interest to us, we will normally contact you within 4 weeks of receiving your application.

Excellence in water. Always.

Committed to a sustainable future together