

ROLE DESCRIPTION

Job Role:	Operational Technology Networks Engineer	
	Work Location:	Department:
	Aberdeen	Information Systems
Purpose of Role:	<ul style="list-style-type: none"> The Operational Technology (OT) Networks Engineer will be responsible for building, maintaining, and administering the day-to-day operations of the company's OT networks infrastructure, including responsibility for change and run elements of the network environment The role will help trouble shoot and triage any problems that arise in the network covering LAN, WAN and Security (firewalls) elements and support disaster recovery operations and security remediation and hardening The role may support the design of new network elements as required. 	
MAE*/MATTE* and HSE* Critical Responsibilities:	<ul style="list-style-type: none"> Ensure that all activities are carried out in a safe manner complying with all regulatory requirements, legislation and Harbour Energy HSEQ procedures 	
Areas of Accountability, Responsibility and Competence Level:	<ul style="list-style-type: none"> Maintains and administers OT networks, including patch management, software and firmware upgrades, application software and configuration appropriate to the day-to-day operations of the network environment Performs and checks data backups and support disaster recovery operations Troubleshoots, diagnoses, and resolves hardware, software and OS issues and system problems Replaces faulty network hardware components as required Monitors network performance and hardware to ensure optimal service is delivered to support production operations Implement and remediates identified security hardening and live vulnerability across the network infrastructure in a timely manner to ensure company security Supports the OT Operations Supervisor with development of new requirements for the OT network Creates and maintains documentation, including design and configuration and operating manuals Ensures OT network security devices are deployed and configured in alignment with regulatory and security best practices and requirements Liaises with vendors as required to facilitate operations May be required to provide out of hours support via an on-call rota 	
Critical Skills* Qualifications Experience, etc.: (* Indicate either preferred or essential.)	<ul style="list-style-type: none"> Excellent analytical, problem solving, collaborative (team working) with planning and execution skills Strong Industry, domain-specific knowledge of the operational technology systems and consumers of the service within the business Self-motivated with a willingness to go the extra mile to achieve important goals Proven track record and experience of working with OT services for production oil and gas environments with a significant understanding of HSES and Asset Integrity practices, including managing and impacting change to these environments Effective influencing and negotiation skills in an environment where resources may not be in direct control of this role Experience and involvement in internal or external audits in accordance with relevant regulatory standards 	

	<ul style="list-style-type: none"> • Experience of working in offshore and live plant environments is desirable • Demonstrated knowledge of Safety Critical System architecture principles, industry best practice and operating secure systems and processes • Accountable for compliance with all Harbour IS related processes, policies and work practices • Knowledge of information security best practices • Strong experience of managing LAN and WAN network infrastructure and security products such as data diodes or hardware and software firewalls • Support the development of future planning and product roadmap activity
<p>* Abbreviations:</p> <p>HSE Health, Safety and Environment</p> <p>MAE Major Accident Event</p> <p>MATTE Major Accident to the Environment</p>	