

JOB DESCRIPTION

Job title:	Infrastructure Engineer.
Department:	IT Infrastructure.
Location:	Beaconsfield.
Working hours:	9.30am to 6pm Monday to Friday.
Reporting to:	Head of IT
Direct reports:	N/A.
Main purpose(s) of job:	The Infrastructure Engineer is responsible and accountable for the smooth running of Sargent-Disc's computer systems within the limits of requirements, specifications, costs and timelines. This is a hands-on role with responsibility for the implementation and maintenance of the company's computing needs with a passion for Windows server and networking with a desire to gain additional skills in other areas such as SAN technology & Linux. You will have the opportunity to drive innovation and performance improvements across our infrastructure. The role requires proven skills, professional experience and a detailed knowledge of industry's best practice processes.
Main tasks and duties:	Essential: • Manage internal and external information technology and computer systems including: ○ Managing Windows servers, Active Directory, Group Policy, Office365 and Remote Desktop Services (W2019). ○ Microsoft qualifications (equivalent to MCSA or higher) ○ Strong experience of network configuration and management in a current role. ○ Experience of firewall configuration and management. ○ Current CCNA (or higher) certified or equivalent (experience of Netgate firewalls). ○ Experience of switch management (stacked/edge switches) ○ Proven ability to create and maintain PowerShell scripts ○ Monitor, troubleshoot, and optimize network performance, ensuring high availability and minimal downtime. ○ Clustered virtualized environment (based on Xenserver or Xcp-ng). ○ Splunk Logserver. ○ System monitoring. Desirable: ○ RHEL / CentOS Linux Servers (SAMBA / Apache / Wildfly). ○ Experience of Cloud based environments (AWS) ○ Mailserver (M365/Exchange) ○ Container based infrastructure (Docker / Kubernetes). ○ IP Based PBX and phone system.

	○ iSCSI SAN Technologies. ○ MySQL, MSSQL and Postgres databases. ○ Dell server hardware ● Maintain the company's DR infrastructure including performing scheduled testing. ● Monitoring of key systems to ensure availability and capacity requirements are met so that the business can perform in an efficient manner, including on-premise Dell server and storage hardware. ● Implement and manage network security policies, including VPNs, Firewalls, and intrusion prevention systems. ● Manage and maintain network documentation, configurations, and processes in line with regulatory and compliance standards. ● Manage and maintain Windows server estate, as well as core Microsoft services (AD, GPO, DNS, NPS/Radius). Experience on Remote Desktop Services (RDS). ● Responsible for the companies Laptops and Mobiles phones equipment. ● Perform regular system updates, patching, and vulnerability assessments to maintain a secure network environment. ● Work closely with the cybersecurity team to ensure network resilience against evolving threats. ● Work closely with the Head of IT, C.I.S.O. and Directors to develop, implement and coordinate systems and procedures. ● Ensure systems and procedures conform to the company security policies including security of data, network access and backup systems. ● A solid understanding of networking principles (TCP/IP, VLANs) and exposure to routing protocols ● Audit systems to identify problematic areas and implement strategic solutions in time. ● Ensure systems are available to meet company Service Level Agreements. ● Be available to troubleshoot / rectify any issues that affect the ability of the company to adhere to their SLA's out of std working hours where necessary. This list is not exhaustive, and other duties may be required commensurate with this position as roles evolve.
Person Specification:	● Experience of Windows Server & AD, networking, especially Netgate 8300 pfSense Plus appliances ● Proven working experience or relevant experience ● Excellent knowledge of technical management, information analysis and of computer hardware/software systems. ● Experience with the systems detailed above. ● Hands-on experience with computer networks, network administration and network installation ● Relevant professional qualifications ● Team focused; motivated; innovative; diligent. ● Enjoys working in a fast-paced and time pressured environment. ● Exceptional organisational skills. ● Pays strong attention to detail. ● Excellent time management and communication skills.