Job Description

Job Title / Location: Network Architect / United Kingdom

Reports To: Technical Director – Networks & Security

Job Purpose:

To provide subject matter expertise for MNB Networks' ISP, Telco, and enterprise customers across all areas networking technology. The post holder will be viewed as a trusted advisor to our blue-chip clients across LAN, WAN / SD-WAN, Security, and core MPLS networks.

The role will require a candidate with approximately 7 – 10 years' experience delivering a variety of network technology-based projects and may suit either an established Network Architect who is looking for their next challenge, or an experienced project engineer who is looking to move into architecture.

Key Responsibilities:

MNB Networks takes great pride in putting the customer at the centre of everything we do, where our objective is to be engaged as their trusted advisor for all things networking. This is achieved by ensuring the customers are aware of the latest innovations whilst having access to world class consultants and engineering resource.

The Network Architect is a key position as they will serve as the main technical point of contact for our customers to help them with the overall strategy. Key responsibilities are listed below for the role.

- Provide network subject matter expertise to ISP, Telco, and large global enterprise customers in meetings, verbally and in writing.
- Gather business, application, and technical requirements from customers to develop network designs.
- Present technical solutions and their benefits to customers, including Pros, Cons, and recommendation.
- Create customer designs across network, security, cloud, and multi-cloud network connectivity.
- Create architectural high level network design diagrams in Lucidchart or similar tools.
- Developing detailed low level network design diagrams in Lucidchart or similar tools when required.
- Perform network discoveries and audits on customer networks with RAG status.
- Produce gap analysis findings between existing and newly proposed network solutions.
- Technical ownership of all network design aspects for customer network transition / transformation projects.
- Contribute technical input to RFI / RFP responses to ensure sales can propose compelling solutions.
- Act as an operational escalation point and be viewed as a subject matter expert for the engineering team.
- Providing customer requirements and technical information to register deals with vendors.
- Contribute to developing MNB Networks lab environment, products, and consulting services.
- Identify opportunities within new and existing accounts to add value with additional services or solutions.
- Liaise with other MNB teams and individuals to deliver for the customer i.e., Sales / Commercial, Project Management, Operations, and third-party suppliers.
- Stay up to date with industry by studying towards new technology for knowledge and certifications.
- Developing good working relationships with a range of people including internal or external customers.
- Ensuring compliance with MNB Networks' policies, procedures, and guidelines, together with all relevant regulatory and statutory requirements.
- Engaging with the organisation's appraisal process, and demonstrate commitment to our values, behaviours, and your continuous personal development.
- Performing other reasonable duties and/or projects as directed by your line manager.

Knowledge, Skills and Experience

The nature of this role is senior within the organisation where a clear path exists to develop into a technical leadership position as the company grows. We therefore require an established network professional who has experience working with high end customers and is comfortable operating with a consultative approach.

The role is predominantly a hands-off position in respect to configuring devices, where the main tasks will be related to developing network designs after capturing requirements from customers.

It is likely there will be a requirement to assist with setup of POC, pilots, lab demonstrations for new products and the ability to read and understand configurations from existing network devices.

KNOWLEDGE (& QUALIFICATIONS)	Essential	Desirable
Network routing and switching certification at professional level (JNCIP, CCNP)	√	
Understanding of Telco / ISP operating models (sales > project > operations)	√	
Commercial understanding to assist with securing new business (Presales)	√	
Fluent in written and spoken English language.	√	
Commercial understanding and experience working with or in Presales teams		√
Cisco or Juniper Expert level certification (CCIE / CCDE / JNCIE)		√
Network security certification (CCNP Security, JNCIS, Fortinet NSE 4/7, Check Point CCSA, Palo Alto PCNSE etc)		√
SD-WAN certification (Cisco, Aruba / Silver Peak, Fortinet)		√
Degree in network computing or Cybersecurity or equivalent work experience through an apprenticeship / trainee programme.		√
SKILLS		
Deep knowledge in layer 3 routing (OSPF, IS-IS, BGP & Static)	√	
Ability to produce high- and low-level design documentation.	√	
Good understanding of MPLS L3VPN and L2VPN core networks (P, PE, CE)	√	
Knowledge of multiple vendor solutions from design, implementation, and product perspective. Prefer Cisco, Meraki, Fortinet, Juniper and HPE / Aruba.	√	
Microsoft Office and Visio or Lucidchart diagram production	√	
Proven track record in providing world-class customer care and service delivery.	√	
Ability to work under pressure and prioritise workload.	√	
Ability to be proactive and work well on their own, or in a team environment.	√	
Network modelling and automation tools (Python, Ansible, Rest API)		√
Network security knowledge (Firewalls, WAF, Web Proxy, SASE, SLB, GSLB)		√
EXPERIENCE		
Experience of reviewing, implementing & maintaining systems (electronic).	√	
Experience in designing, managing, and embedding projects.	√	
Experienced in operational activities such as managing TAC escalations.	√	
Experience working with senior / C-level execs to design solutions that meet business requirements.		√
Worked in an ISP, Telco, or Systems Integrator.		√