Data Network Engineer

SUMMARY:

The Data Network Engineer is an expert Engineer specialized in the design and implementation of wired and wireless data network and collaboration infrastructures to support Telecommunication and Security systems projects.

The role has the following peculiarities:

- ➢ Capability to work in a multicultural environment
- ➢ Analytical thinking, problem solving and strong target-oriented approach
- ➢ Capability to provide System engineering services such as system design, implementation, configuration, testing, site supervision and commissioning.
- ➢ Capability to work closely with vendors, internal and external stakeholders to properly select and implement compliant solutions and follow the relevant lifecycle from design to user acceptance.
- ➢ Capability to define, plan and execute all tasks required to successfully complete Factory, Site and Integrated Acceptance Tests.
- ➢ Capability to identify the risks associated with certain requirements and take reasonable engineering decisions aiming to minimize those risks.
- ➢ Capability to deeply understand the scope applicable to the assigned system, identify scope changes (if any) and relevant impacts.
- ➢ Capability to work in a Team of engineers and coordinate with them as required.

LOCATION:

Muscat (Sultanate of Oman) with possibility to be temporarily assigned to other location in Oman or abroad.

ROLES & RESPONSIBILITIES

Policies, Process and Procedures:

Follow all relevant company policies, processes, operating procedures and instructions so that work is carried out in a controlled and consistent manner.

Day to day activities:

- ❖ Define and implement Network Systems design (Preliminary and Detailed Design) in compliance with established system architecture, project specifications, drawings, security policies, Company and Well-Known standards, and best practices. Author and maintain all the related design documentation.
- ❖ Understand system specifications and select compliant solutions accordingly. Prepare compliance and comparison matrix and reports as needed.

❖ Prepare technical documentation within Projects such as System Specifications, Material Approval Sheets, Schematics and Architectural Drawing Concepts, System Manuals, IP and Configuration Plan, Networking Calculations, Testing Procedure, Training Manuals, etc.

❖ Prepare the Bill(s) of Materials for the procurement of the selected solution and support the procurement department as required.

❖ Develop new system solutions within proposals according to specifications and cost constraints. Prepare proposals documentation as applicable to the assigned system(s) such as technical descriptions and cost estimations.

Continuous Improvement:

Contributes to the identification of opportunities for continuous improvement of systems, processes and practices considering 'international best practice', improvement of business processes, cost reduction and productivity improvement.

Safety, Quality & Environment:

Comply with all relevant safety, quality and environmental management policies, procedures and controls to ensure a healthy and safe work environment.

Information Security Management:

Protect company information and assets in accordance with policies and procedures. Report any unusual or suspicious behavior either related to the use of IT, network services or related to other staff or visitors.

AUTHORITIES

❖ Coordinate with the CAD department & provide all the required engineering inputs to produce documents such as System Block Diagrams, General Arrangement, System Interconnection, Detailed Wiring Diagrams, Cabinet Layouts and Schematics, as-built, etc.

❖ Participating in meetings with customers, consultants, manufacturers and other technical personnel.

❖ Coordinate with and Report to the Engineering Manager OR the Project Manager (based on project and assignment) as regards progress and potential issues. Provide the required engineering input for the activities plan development.

Minimum requirements for the Role

Qualification	Bachelor's Degree
Title of Study	Information Technology or Computer Science
Previous experience	7+ Years in Large Scale Network and collaboration System Design, Implementation, Site Supervision and Commissioning.

	Expert working knowledge of networking protocol such as TCP/IP, UDP, DHCP, DNS, SNMP, etc. as well as routing protocols such as OSPF, BGP, EIGRP, etc.
	Expert working knowledge of LAN switching including VLANs, VLAN aggregation, LAG, LACP, VRRP, PVLANs, Spanning Tree, MST, 802.1X, 802.1Q.
	Expert working knowledge of firewall and security technologies including IPSEC/SSL VPN, ACL, App & User-ID, and firewall management tools. Relevant vendor certifications such as Cisco or Fortinet are preferred.
	Extensive experience with Juniper portfolio including JUNOS, EX switching and SRX firewall and Palo Alto Networks firewall.
	Experience with various Cisco platform and technologies such as Cisco Catalyst Switches, Nexus Switches, ISR and ASR Routers, UCS, ACI, DNA, Firepower Next-Generation Firewall
	Experience with IP telephony and collaboration from different vendors. Experience in working with cabling infrastructure vendors.
	Experience with various network monitoring tools such as Nagios, SolarWinds, PRTG, Zabbix, Syslog, packet capturing (Wireshark), NetBrain, network load testing, and application performance.
	Working knowledge of virtualization platforms such as VMware, Hyper-V, KVM, Xen, Oracle. Relevant certification is a plus.
	Proficient Pc Skills Including Word Processing, Spreadsheet, Project and Presentation Software, Excel, PowerPoint, Visio.
	Experience in working with Cisco Commerce Workspace
	CCNA level certification as a minimum required. CCNP level preferred, CCIE is a plus.
Experience in PME	Not Necessary

If you are eligible and interested, please complete the form by scanning the following QR code.

[Click-here](#)/Scan