



**Job Specification**

**Position:** Senior Engineer - DCN (Manager – DCN)  
**Reporting to:** Head of IP Service Planning and Engineering  
**Location:** DAKC (Navi Mumbai), India

**Key Business Objective:**

Developing a highly available DCN for out-of-band secure management of the Reliance Globalcom Cable Landing stations, Transmission and IP/MPLS network, and enabling a Performance Management solution. Enhancing DCN capabilities to provide SCADA like capabilities for managing RGCOM facilities and ILA stations. Standardization and integration of DCN capabilities for RGCOM regional networks into the core.

**Key Performance Indicators:**

- DCN Service availability (Uptime/MTTR/MTBF), performance RTD/Packet-loss/Jitter, Security events,
- Capabilities and application support, equipment support and Reach
- Time to design and implement DCN at various nodes,
- Capex and Opex costs
- Accuracy, timeliness, completeness and quality of designs, updates, documentation, CDRs
- Accuracy, timeliness, completeness and quality of management reporting, proposals, escalations, and project implementations

**Overview – Role Summary:**

**Key Responsibilities:**

- Developing the DCN network, detailed network design, traffic routing and engineering policies, protocol configurations, and migration/integration of various regional DCNs into the global DCN network
- Work closely with cross-functional teams to identify operations, facilities and core network engineering (IP, Transmissions, Projects) for requirements and expansion projects. Analyze and document DCN requirements, equipment specifications, vendor/equipment evaluation, identify costs, and create proposals for upgrades and expansion as per business requirements.
- Working closely with the engineering and operations teams for planning, integration, expansion, and enabling Ops to access and securely manage the remote Cable Landing Stations, Transmission and IP POPs/Equipment, and integration with the OSS systems.
- Create MOPs, planned works, SoW/orders, policies and other documentation for implementations through TAC/TSG and field staff. Keep the DCN documentation updated with every expansion and upgrades on core network.
- Provide highest level technical escalation support to Operations, TSG/TAC and regional engineering teams on DCN.
- Provide training to operations teams and other cross functional teams as necessary.
- Provide regular management reports, updates and alerts, consult team, and escalate any issues to the management as necessary for necessary actions.
- To respond immediately to any requests escalated.

**Contact with Others:**

Internal: Communication across the business within Engineering, Operations, Projects, Access and Commercials  
External: Communication with Equipment vendors, Partners

**Who can Apply:**

**Educational Qualification:**

Bachelor's Degree in Engineering or higher

**Work Experience:**

~6-10 years of relevant experience

**Required Attributes (skills & experience):**

- Extensive experience in designing and implementation of a multi-site global enterprise network with leased-lines/ISDN backups/DSL/IP-Sec implementations, OR DCN designs with an international carrier. Expertise in network planning and design, troubleshooting, documentation and optimization.
- Advanced skills on Cisco Enterprise class routers, Ethernet switches, SDH-Ethernet bridges/converters, ISDN, DSL and IP-Sec implementations.
- Extensive experience in WAN design, implementation and troubleshooting of OSPF, BGP, HSRP/VRRP, Cisco IP-SLA, VLANs, IPv4, IPv6, ISDN, DSL, IP-Sec, Firewalls and network security. Experience with feature testing, interoperability and protocol implementations.
- Excellent planning and structured documentation skills. Experience in creating configuration and design templates, detailed designs, MOP, planned works, and technical project management.
- Knowledge on integration with OSS systems, Fault/Config/Performance/SLA management, SCADA would be highly useful.

Also

- Excellent communication skills, fluent in written and spoken English
- Good eye for detail, 100% accuracy is required
- Be able to demonstrate proactively in all aspects of the role
- Good organizational skills and ability to prioritize daily activities
- Ability to work under pressure, and flexibility to support at odd hours during crisis and important events
- Ability to adapt to multinational organization with diverse cultures, ability to multitask
- Effective Team Player, ability to initiate and establish good relationships with internal partners Ops, Project, Transmission Engineering, Facilities, Commercial/Procurement and other teams

**To apply for this position, please send your updated CV to [careers@relianceglobalcom.com](mailto:careers@relianceglobalcom.com) with 'Senior Engineer - DCN (Manager – DCN)' in the subject line.**