

Job Description

Job Title: SENIOR Engineer – Access IP/MPLS	Employer: Telikom Limited
Job Code: JD – SE –AIP/MPLS	Job Grade:
Department: Engineering Design & Planning	Job Location: HQ/TL Rumana
Revision Date: 12/03/2024	Equal Employment Employer

Job Summary

As a Senior Engineer – Access IP/MPLS Network, you will be responsible for designing, planning, and optimizing Telikom’s access IP/MPLS network infrastructure to ensure seamless connectivity, reliability, and scalability. This role involves analyzing network architecture, implementing solutions to enhance network performance, and collaborating with cross-functional teams to drive innovation and efficiency. The Senior Engineer will play a pivotal role in defining technical strategies, ensuring security compliance, and supporting the deployment of advanced network technologies.

Main Duties and Responsibilities

- **Network Design & Planning:** Develop and optimize access IP/MPLS network architecture to support business and operational requirements.
- **Network Implementation:** Oversee deployment of IP/MPLS-based services, ensuring seamless integration with existing infrastructure.
- **Security & Access Control:** Define and enforce access policies for critical network nodes, ensuring only authorized devices and personnel interact with the system.
- **Traffic Monitoring & Optimization:** Analyze network performance metrics and optimize traffic flow across MPLS transport layers to enhance efficiency.
- **Incident Response & Troubleshooting:** Identify and resolve network faults, ensuring minimal disruption and quick recovery of services.
- **Documentation & Reporting:** Maintain accurate records of network configurations, incident reports, and operational logs for audit and compliance purposes.
- **Collaboration & Technical Support:** Work closely with other engineering teams, vendors, and stakeholders to implement cutting-edge solutions aligned with business needs.
- **Regulatory Compliance:** Ensure adherence to industry standards, security policies, and best practices for IP/MPLS network operations.
- **Continuous Learning & Development:** Engage in technical training and certifications to stay updated on evolving network technologies and industry advancements.

Key Skills & Competencies

- Network Architecture & Design
- IP/MPLS Routing & Switching
- Traffic Engineering & QoS Management
- Problem-Solving & Troubleshooting
- Technical Documentation & Reporting
- Team Collaboration & Communication
- Industry Compliance & Regulatory Standards

Reporting Relationships

The Senior Engineer – Access IP/MPLS reports to the Team Leader Access IP/MPLS NCD

Qualification/Experience/Attributes

- Bachelor's Degree in Electrical Engineering, Telecommunications, or a related field.
- Industry Certifications such as Cisco CCNP, Juniper JNCIS, or equivalent are highly desirable.
- 5+ years of experience in IP/MPLS network engineering, design, and implementation.
- Strong analytical and problem-solving skills with expertise in network traffic management.
- Excellent communication and interpersonal abilities to collaborate with cross-functional teams.
- Proficiency in using network diagnostic tools, simulation software, and documentation platforms.

NOTE: *This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization*