

Optical Network Lead Engineer

Job Information

Recruiter
JAC International Co., Ltd.

Hiring Company
Global technology and digital infrastructure company

Job ID
1617172

Industry
Other

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
8 million yen ~ Negotiable, based on experience

Refreshed
November 12th, 2026 01:00

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

RESPONSIBILITIES

Monitor optical network utilization, performance trends, and capacity thresholds to identify bottlenecks early and avoid service delivery impact.
Forecast demand using historical trends, run?rate data, and sales pipeline visibility to plan proactive capacity builds.
Trigger proactive and reactive capacity expansions, ensuring the right balance between justified investment and delivery timelines.
Use internal planning tools (e.g., OES) for automated capacity monitoring, hotspot detection, and license tracking.
Coordinate with Supply Chain, Vendors, Implementation and Field teams to secure timely delivery of fibre, electronics, site infra, and licences.
Support Sales and Service Delivery at pre?sales and delivery stages for capacity checks, feasibility assessments, and technical inputs.
Identify optimization opportunities to recover unused capacity, reduce costs, and improve network efficiency.
Maintain planning rules, design inputs, and deployment standards for Ciena and Nokia optical platforms.
Track end?to?end capacity delivery plans, risks, dependencies, and ensure commitments to the business are met on time.

Define and maintain KPIs, dashboards, and reporting to measure performance, improvements, and alignment with business objectives.

Employee Benefits:
Health Insurance

Pension Insurance

Employment Insurance

Workers' Compensation Insurance

Annual Paid Leave

Commuting Allowance

Required Skills

Must have:

Native / Fluent level Japanese
Business English
Strong hands?on experience in DWDM/OTN technologies from Ciena, Nokia, Fujitsu, and ADTRAN.
Strong conceptual and technical understanding of ROADM, photonic nodes, shelves, transponders, and mux/demux systems.
Experience in network planning and design- Link Engineering, Simulation, HLD/LLD creation, BOM creation, design validation, and building job packs for field teams.
Experience in optical capacity management, utilization analysis, forecasting, and proactive/reactive builds.

Company Description

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