



Empire Access Job Description

JOB TITLE:	IP Network Engineer
DEPARTMENT:	Network Engineering
WORK LOCATION(S):	Prattsburgh, NY Elmira, NY Corning, NY Mansfield, PA
REPORTS TO:	Director of IP Network Engineering

JOB SUMMARY:

The IP Network Engineer role encompasses a wide range of responsibilities including network design strategy, network engineering, implementation, migration planning, service design, proof of concept testing, optimization services, employee and customer training. The IP Network Engineer will be required to work in a consultative manner with vendors, project management, sales support, customer services, and systems engineering to scope and deliver professional service projects.

RESPONSIBILITIES:

Your responsibilities will include, but are not limited to, the following:

- Produce HLD/LLD with the best architecture available to support Empire's needs
- Produce network implementation and migration plans
- Oversee equipment and service configuration
- Configure and install various network devices(e.g., routers, switches, firewalls)
- Test and Support networks in various stages of deployment
- Audit and assess Empire Access networks
- Produce and review SOW, MOP, and BOM documentation
- Provide appropriate training and assistance to team members and other employees
- Evaluate customer networks for performance, scalability, and security.
- Work with internal technical teams and vendors for product placement and feature improvements for better reliability, availability, and serviceability.
- Perform "Midnight" maintenances and upgrades when required
- Act as Tier 3 support for employees and customers of Empire Access.
- Ability to travel as needed with a satisfactory driver's license

REQUIRED QUALIFICATIONS:

Must Possess:

- Understanding of network protocols with advanced understanding of BGP and OSPF.
- Experience with network monitoring and analytic tools
- Understanding of firewall configuration and troubleshooting
- Knowledge of layer 3 traffic engineering and layer 2 traffic management
- Excellent written and verbal communication skills are required

Required:

- Minimum four year degree in Computer Science, Computer Engineering, Computer Networking or equivalent work experience
- Cisco Certified Network Associate (CCNA) or equivalent

PREFERRED QUALIFICATIONS:

- Knowledge of MPLS, VPLS, 802.1ad, IPv6, QoS, VRFs, L2/L3 VPN, PbR,
- Knowledge of RFC 2544, Y.1731, Y.1564 testing
- Scripting and Automation skills
- CCNP

JOB TYPE:

Full-time

ABOUT EMPIRE ACCESS:

Empire Access is one of the area's leading telecommunications companies, providing the latest in communications for business and home customers. Empire has provided telecommunications services for over 100 years, as a family-owned company now thriving under the third generation. Our company currently offers phone, Internet, TV and security services to over 25 markets in Upstate New York and Northern Pennsylvania.

OUR BENEFITS:

- * 401(k)
- * Medical, dental, vision and life insurance
- * Paid vacation, holidays and leave programs
- * Tuition reimbursement
- * Flexible spending accounts
- * Business casual dress
- * Volunteer opportunities

CONTACT:



jobs@empireaccess.com

607-522-3747

Empire Access is an equal opportunity employer.



Internet • Phone • IPTV • Security Systems
1-800-338-3300 • www.empireaccess.com • 34 Main Street • Prattsburgh, NY 14873

