Position:
Data Networking Engineer

Reports To:
Engineering Manager

Location:
Boise, Idaho *or* Salt Lake City, Utah

Status:
Full Time, Exempt

General Summary:
Due to continued growth, we have an immediate need for a self-motivated and self-directed individual to become part of their Network team. This individual will be responsible for designing and implementing LAN/WAN networks to support Layer 2 and Layer 3 transport services. Expertise in the areas of transport (SONET, DWDM, RPR), Cisco routers, IP and Internet protocols including BGP, OSPF, ISIS, MPLS, ITU G.8032, and LAN protocol operations are required. LTE (Long Term Evolution) Carrier Ethernet network design knowledge is desirable. The ideal candidate will have 5 or more years of experience in the above specialties, excellent communications skills, and a related 4-year degree.

Responsibilities will include actively managing the design and maintenance of the network in all aspects, including LAN, WAN, and MAN networks, routers, switches, network management servers, and ATM switch systems. This regular full-time position represents an exceptional opportunity to join a strong and growing employee-friendly company offering leading edge technology. We are not currently sponsoring Visas.

This position can be located in either Boise, Idaho or Salt Lake City, Utah.

Essential Job Functions:

Support the development of existing and next generation products including defining the architecture, evaluating products and implementing new technology:
- LAN, MAN, WAN design and implementation.
- Frame Relay design and implementation.
- Regional and metro Ethernet systems development.
- Perform cross-functional tasks as required including on-call rotation for network transport operations.
- Undertake special projects and deliver cross-functional training classes.
- Work with customers and vendors on a frequent and direct basis to resolve any maintenance or provisioning problems.
- Research, recommend and present emerging, advanced layer-three + data networking technologies with significant relevance to the company business model.

Perform tasks associated with pre-sales support:

- Consult with sales for network designs, non-standard business opportunities and alternative solutions for members and customers.

Project management engineering, installation and maintenance activities related to data network and advanced network services:

- Design and deploy layer-three network appliances including VPN concentrators, firewalls, intrusion detection devices and system log servers.
- Provide on-site support for new customer's network installations and upgrades.

Internet engineering, management and support:

- Deploy internet service provider networks.
- Design and implement IP multicast digital video backbone technologies.
- Allocate IP space as required by members and customers.
- Maintain current, accurate IP address space records.
- Design, implement and deploy routed IP networks with BGP, OSPF, ISIS and other routing protocols as necessary.
- Act as local Tier II technical support on all data networking issues network on CPE.

Knowledge, Skills, and Abilities:

- Maintain knowledge of IETF, ARIN, IEEE, CCITT, ANSI, ITU and other industry standards relative to data networking transmission systems.
- Must have current expertise on protocol analyzers, hardware instrumentation tools and standards-based logic analyzers.
- Able to work independently with minimal direct supervision.
- Intimate understanding of and experience with static and dynamic standards-based routing protocols.
- Intimate understanding of IP routing Protocols such as; BGP, ISIS, OSPF.
- SNMP, DNS, IP and TCP, and related topics.
- Thorough understanding, critical features and common application of ISO Layers 2 through 7.
- Senior-level expertise with leased line configurations and troubleshooting, including PPP, HDLC, LAPB, LAPM, SONET UPSR/BLSR and GRE tunnels (RFC2784).
- Cisco certification such as; CCIE, CCNP and CCDP are desirable.
- Excellent typing and writing skills, including proper spelling and grammar.
- Positive and courteous customer service attitude.
- Ability to communicate with customers, employees, and various business contacts in a professional and courteous manner.
- Ability to organize, prioritizes, and reprioritizes multiple work assignments.
- Knowledge IXC/CLEC inter company operations and procedures, and MSA process and requirements for IXC/CLEC customers.
- Hold a valid Driver's License.

Education and Experience:

Bachelor's Degree in Computer Science, and or Electrical Engineering; or related field. Equivalent experience plus five years of telecommunications, or a progressive industry experience.

How to apply:

If you are qualified and interested in this position, please send your cover letter and resume to: resumes@syringanetworks.net or fax to (208) 229-6110 Attn: Human Resources

About Syringa Networks:

Syringa Networks specializes in custom network solutions for businesses, providing a wide range of networking services throughout the region. Delivered over a purpose-built self-healing fiber optic network, services are available at a range of speeds from T1 to OC-192 and Ethernet at data rates ranging from 1 Megabit (Mb) to 10 Gigabits (Gbs). The regional company also offers Dedicated Internet Access (DIA), MPLS, SONET, DWDM, ATM/Frame, Fiber-to-the-Tower, and Network Equipment sales.

Syringa Networks is a privately held Idaho corporation and is headquartered in Boise, Idaho, with additional offices in Idaho Falls, Idaho, and West Valley City, Utah.

This job description in no way states or implies that these are the only duties to be performed by the employee. He or she will be required to follow any other instructions and to perform any other duties requested by his or her supervisor. In accordance with the American with Disabilities Act, it is possible that requirements may be modified to reasonably accommodate disabled individuals. However, no accommodations will be made which may pose serious health or safety risks to the employee or others and which impose undue hardships on the organization. Furthermore, job descriptions are not intended as and do not create employment contracts. The organization maintains its status as an at-will employer. Employees can be terminated for any reason not prohibited by law.