



## JOB POSTING

**Date of Posting:** August 21, 2008  
**Posting Number:** NE82108SEIII  
**Position:** Systems Engineer III LAN/WAN  
**Status:** Exempt  
**Location:** Omaha, NE  
**Position Reports To:** Manager, Proposal Engineering

This person will provide system engineering expertise to help capture new projects and support existing projects for the company.

### **Essential Duties and Functions:**

- Design systems and networks based on customer requirements and specifications for communications and security applications.
- Be the lead engineer on proposals and projects and direct work activities for other engineers to develop total solutions for customers.
- Develop cost estimates for these systems and networks including; equipment costs, material costs, and labor costs.
- Lead design reviews and project coordination meetings.
- Generate technical diagrams, engineering, scopes of work, test plans and procedures, implementation plans, project schedules, and bid packages.
- Interact with subcontractors, vendors and suppliers.
- Write and review convincing proposal text to describe designs in response to customer requirements.
- Mentor younger level engineers.
- Research, provision, configure, turn-up, and test system components for product evaluation in a lab environment.
- Perform verification testing on new systems, integrate them with existing equipment and systems, and activate them for service
- Work with the business development department to market the services of the company, develop new markets, meet with customers, and make effective presentations as requested.
- Self-starter capable of independently leading complex enterprise wide solutions.
- Other duties as assigned by supervision.

**Qualifications:**

Must have a Bachelor of Science degree and a minimum of 7 – 10 years of experience in an applicable field. An acceptable equivalent combination of education and experience will be considered. Must possess a valid driver's license. In addition must have the following skills:

- Proficient with software tools such as spreadsheets, Microsoft® Word, project scheduling, and computer aided design.
- Must have good communications skills, both oral and written.
- Must have the ability to train and mentor other employees.

A U.S. Department of Defense secret level clearance will likely be required by the candidate if the department or work location deals with security installation work.

**SPECIALIZATION REQUIREMENTS**

- Technical knowledge and experience including all Windows OS platforms, DHCP, TCP/IP, switching, routing, and NT/2000/2003 server administration.
- Knowledge and experience with 802.11, WI-MAX class products, PTP microwave, and RF systems a plus.
- Knowledge in network security including firewalls, virtual private networks, and encryption.
- Knowledge in provisioning and configuring routers and switches.
- Network architecture design experience from the ground up in LAN/WAN for enterprise and data center networks.
- Knowledgeable in Layer 2 and Layer 3 switching as well as IPv4 and IPv6 network addressing and routing.
- Knowledgeable in Intrusion Detection Systems and Video Systems.
- Knowledge in telecommunications SONET, MPLS, Frame Relay, Ethernet, etc.
- Technical knowledge in fault diagnosis, network management, and hardware and software integration.
- Technical writing skills capable of describing in detail network design, operation capabilities, and benefits of proposed design over other design solutions.
- Cisco Certified Network Associate (CCNA) or better.
- Microsoft Certified Systems Engineer (MCSE) in Windows 2000 or 2003 a plus.