

## **Network Engineer**

### **General Responsibilities**

The Network Engineer will be responsible for integration (product and network), interconnection and maintenance of telecommunication networks with an emphasis on high availability and security working with a back office group who will support the system remotely 24/7. Also, this person will be responsible for installation of customers utilizing the latest WIMAX and WiFi technology.

### **Specific Responsibilities**

- Maintain all core network systems
- Maintain firewall systems and access control lists to protect the integrity and security of the MAN, wireless modem, and direct line networks
- Test, implement, and maintain high availability network solutions utilizing technologies such as load balancing and fault tolerance
- Test, implement, and maintain connectivity solutions between corporate data customers, the headend, and the backbone circuits
- Lead network system planning and testing
- Provide customer support and evaluate customer product and network requirements to generate test and deployment plans
- Assist customers with modem issues when necessary. This involves travel to Basestation and or customers location to test signal and insure Razzolink equipment is working properly.
- Installation of wiring and equipment to provide internet service to residences and businesses

### **Qualifications**

#### **Experience and Education**

- A minimum of five years of experience in the analysis, integration, planning, implementation, and support of network circuits and WAN/LAN infrastructure
- A minimum of three years with Cisco routers, configuration, and support
- A minimum of one years of experience with ISP support technology
- Engineering, computer science or other technical degree (BS/MS), or equivalent training and experience are recommended

#### **Technical Skills**

- Experience and/or training with VPN technology, firewall configuration and maintenance and related security/authentication methods is strongly preferred
- Experience deploying and support of network equipment within a widely dispersed server environment is strongly preferred
- Experience in network communications, TCP/IP protocols, and routing technologies that include OSPF and BGP4, content load balancing/switching and caching is strongly preferred
- Familiarity with UNIX shell and Perl scripting and Sun Server technology

- Strong experience documenting network and system designs for business case analysis

**Performance Skills**

- Must be committed to achieving results
- Must be able to work as a team player
- Must be able to set and achieve goals
- Must have good communication skills
- Must have good organizational skills
- Must be innovative