



**SDN COMMUNICATIONS**  
**OPEN POSITION**

<b>Job Title</b> Network Engineer	<b>Department</b> Network Engineering	<b>Hours</b> Hours may vary, usually Monday – Friday 8- 5, some weekends and evenings
<b>Pay Status</b> Exempt	<b>SDN or Tech</b> SDN	<b>Date Posted</b> 1/23/2012
<b>Reports To:</b> Mitch Elfstrand, VP Network Engineering		<b>Requisition #</b> 12-02

**RESPONSIBILITIES**

**Summary**

Competent at the highest level to perform a variety of highly skilled network engineering related duties. Work on design and implementation of various network devices.

**Essential Duties and Responsibilities**

- Provides network planning as it relates to Access Network which includes all access rings including CO and customer premise equipment, digital access cross-connect systems and all collocation and interconnect facilities.
- Analyzes bandwidth utilization to determine ring upgrades and ring splits.
- Take responsibility for the analysis, definition, and continued development of the end-to-end Architecture for SDN.
- Analyzes network vulnerabilities and develops plan of actions to minimize risks.
- Develops and maintains detailed network designs and documentation including Method of Procedure and Engineering Specifications.
- Maintains network asset and circuit inventory databases.
- Assists in the evaluation and selection of network equipment and emerging technologies, while insuring the selected technology positions the network for future capacity growth, features, capabilities, and reliability.
- Recommends hardware and software upgrades in order to support the network.
- Perform Network Design duties for overall network solutions.
- Manage project issues, and schedules.
- Treat the public and other employees in a respectful and courteous manner.
- Adheres to and enforces safe work practices and follows safety policies and rules.

**QUALIFICATIONS**

- Bachelor’s degree from four-year College or university. 7 Years of experience on a service provider network in engineering, architecture or design roles.
- Knowledge of Microsoft Access, Excel, Visio & Word software.
- Ability to prioritize and multitask.
- Excellent communication and interpersonal skills.

For full job description, questions on the process, or to apply, please contact Amy Preator, Human Resources, Ext. 3533

Bids for this position will not guarantee that the employee will be interviewed or selected, but will be considered as an indication of interest by the employee. SDN will recruit, hire, assign and promote employees on the basis of their qualifications and without regard to race, creed, color, age, sex, religion, national origin, marital status, disability, or other legally protected status. It is also our policy to employ and advance disabled veterans and Vietnam Era veterans.