Senior Engineer – IP Networks 

**Position Summary**

The Senior IP Network Engineer designs, implements, and maintains Blue Stream’s IP network infrastructure to include: routing, switching, firewall, peering, & network caching infrastructure. This position researches developing standards and emerging technologies to improve network reliability while reducing the overall cost to serve. Additional responsibilities include optimizing traffic distribution, handling technical issues, and performing maintenance operations.

**Knowledge, Skills and Abilities**

* Cisco CCNA/CCDA/CCNP/CCDP certifications or equivalent practical knowledge, and/or higher-level certification preferred (example – CCIE)
* In-depth Cisco knowledge with MPLS network architecture and design disciplines, operational support familiarity, previous and current extensive hands-on implementation and thorough configuration knowledge and capabilities for all platform levels
* In-depth knowledge of all routing protocols (For example BGP, OSPF, EIGRP, GLBP, VRF), traffic engineering, L2/L3 VPN, multicast & class of service
* Design and implementation of internet peering and network caching solutions
* Assist with installing network equipment and software components related to the operations of Blue Stream's wired and wireless network, including monitoring and system performance tools
* Develop strategies for performance tuning and capacity planning for the existing network
* Develop and support a culture of measured continuous improvement and best practices
* Advise engineering team and peer technical teams on all technology matters including problem resolution to complex issues
* Collaborate to promote and understand new and emerging technologies to determine where innovative technology can be used across the organization
* Influence roadmaps across the industry; estimates and models the impact of industry strategies, specifications, and new technologies

**Education and Experience**

* Bachelor’s Degree in Electrical Engineering, Computer Science, or related technical field
* Seven or more years of relevant work experience (Telco or MSO) as a Senior Network Design Engineer with a concentration in routing and switching
* Network Security certifications are considered a plus

**Working Conditions**

* Work is in a normal office setting 80% of the time with travel required 20% of the time.