



# JOIN OUR TEAM!

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## NETWORK ANALYST - Brandon, MB

WESTMAN COMMUNICATIONS GROUP is seeking applications from energetic, highly motivated individuals to become part of our team. Westman is a successful, fast-paced and dynamic organization, with a positive, team-oriented work environment. We offer competitive compensation including a comprehensive and unique benefits package. Leverage your knowledge with a local technology leader.

Based in Brandon and reporting to the Team Lead, Network Services, Network Analysts have a primary responsibility for the design, implementation, and operation of both the access and transport networks that are used to provide services to our members. Westman Communication Group has a converged network that is involved in the delivery of internet and data services, voice services, video services, our two radio stations, as well as the corporate IT services.

The incumbent in this position is expected to have a highly functional understanding of basic and advanced routing protocols and networking standards along with the basic knowledge of the fiber transport networks. In addition, we expect the Network Analyst to quickly get familiar with all other systems used in Network Services group to deliver triple play service to the customer base. Those systems include Core and Access network components, IT infrastructure, VoIP telephony currently but, they keep evolving with the technical changes in these domains.

### Key Responsibilities

- Work closely with Network Services group members to make sure that appropriate access and transport infrastructure is in place to handle organic network growth
- Work closely with Sales, Planning & Design groups to design and implement last mile connectivity for business customers
- Develop fiber transport plans and implements the overall strategic goals of the network group
- Identify & evaluate appropriate network technologies to meet present and future requirements
- Make sure that appropriate network infrastructure monitoring in place to address network capacity and availability issues
- Perform regular network capacity analysis and implement upgrades/changes to alleviate network congestion. This would involve DOCSIS node split planning or GPON capacity planning.
- Engage with customer technical teams to design solutions that meets customer requirements
- Ensure all systems have automated monitoring that can identify problems; resolve all trouble reports from monitoring systems in accordance with the operations Service Level Objectives
- Provide training to team members covering a high-level overview of the operations of your systems as well as day-to-day operational matters
- Evaluate and recommend new hardware and software, providing information on technical requirements and cost elements for further analysis

- Document network architecture, as-builts, connectivity diagrams, maintenance records etc.
- Conduct research and stay in touch with the development in the DOCSIS, GPON and fiber transport technologies
- Make recommendations for service/product improvement
- Interface with vendors and carriers to improve product offerings and platform enhancements
- Implement network changes in accordance with departmental change policy
- Provide supervision and technical trainings to junior team members
- Have a commitment towards an excellent customer experience

## Qualifications

- 2 years experience in a network services field including hands-on internet and networking experience
  - Equivalent to completion of a bachelor's degree from an accredited college or university with major coursework in computer science, information systems or a closely related field. Possession of one or more approved information technology certificates and/or completion of other approved technology-related training may substitute for some or all the required education
- CISCO Certified Network Professional or a designation deemed equivalent
- SCTE DOCSIS Engineering Professional or a designation deemed equivalent
  - The Fiber Optic Association Inc. (FOA) certification or a designation deemed equivalent
- Excellent understanding of the technical fundamentals of internet and IP protocols including (but not limited to) Ethernet, VLANs, Spanning Tree, IPv4, IPv6, ICMPv6, TCP, UDP, IP Multicast, IGMP, VXLAN Bridging and Routing, DHCP, DNS and TFTP
  - Good understanding and knowledge of last mile access technologies (DOCSIS, GPON etc.)
  - Good understanding of fiber transport technologies (DWDM, Coherent optics etc.)
  - Excellent knowledge of routing, switching, voice media gateways, SIP/TDM trunking etc.
  - Excellent knowledge of MS-Visio, Lucid Chart or other diagram software/solution
  - Excellent knowledge of scripting language (PHP, Perl, Python etc.)
- Familiarity and ability to troubleshoot IP multicast distribution of video across the network, and IP broadcast path from radio studios through to transmitters
- Knowledge of RF fundamentals as it applies to cable networks
- Knowledge of Linux and general Linux support issues
- Must be able to hold and maintain a valid driver's license and be bondable

As an equal-opportunity employer, we encourage applications from all qualified individuals. While we thank each applicant for their interest, only selected candidates will be contacted.

DEADLINE FOR APPLICATIONS: NOON on Thursday, September 24<sup>th</sup>, 2020.

When applying for this position, please reference the position title in the subject line and/or the body of the email.

**Please submit your cover letter and resume to:**

Krista Derksen

E-mail: [hr@westmancom.com](mailto:hr@westmancom.com)