Network Planner
(Prince Rupert or Terrace Office)

Reporting to the VP of Inside Plant & Technology, the Network Planner will be leading and facilitating the network architecture and design for the CityWest infrastructure. You will contribute to the standards and guidelines regarding the proper use and deployment of network infrastructure to support business applications, data and technology within CityWest. This will include creating and managing the various key network architecture assets to integrate correctly and efficiently for the designated portfolio and scope.

You will make recommendations on process or network design enhancement identifying risks and/or issues within our network solution and design for our CityWest data center and locations which may impact realization of project benefits and provides guidance and support to stakeholders in making good decisions to pro-actively resolve or mitigate potential risks/delays to the project. Your priority will be to ensure that network infrastructure and systems functionally appropriate, technically sound, and well-integrated.

You will be required to maintain the hands-on configuration skillset up to date while the expectation is to have the Network/Video/Telephony resources do most of this type of work.

Accountabilities

- Manage the Network Architecture Roadmap for CityWest
- Work with all teams within the Technology department to create a design specs for network integration
- Create and maintain Network standards and policies
- Develop plans and strategies to improve network performance, reliability, and operational cost-effectiveness
- Architect and build national network backbone connecting to our data center
- Research, design, and implement new technologies on the backbone network.
- Provide documentation for new technologies to ensure a smooth handoff of operations and support to the operations team.
- Participate in Defect Resolution - provide next level of support during high priority incidents – requests come from VP
- Work with stakeholders to implement the VP of Technology Strategies for Network Reliability and Security
- Architecture documentation management
- Contribute to network requests both in day to day requests as well as for projects
- Provide capacity management for infrastructure to support business requests/challenges
- Provide consultation and comprehensive support to our internal and external business partners including Architecture, Engineering, Distributed Computing (server, storage, network security, Business Continuity Plan).

Education, Training and Experience
- Bachelor's in computer science, engineering, or information systems
- Applicable certifications in network engineering and architecture
- Cisco CCNP, JNCIP or equivalent designation is an asset and strongly recommended
- BGP, EBGP, EIGRP, OSPF
- F5 / Load Balancers
- Multi-functions firewalls: Cisco ASA, Checkpoint, Fortinet
- Visio, Microsoft office
- Experience managing projects that require a high level of governance and interface with the executive team
- A valid Class 5 driver's license is required

Skills and Competencies
- 2-3 years of experience in enterprise data center networking architecture and proven experience in leading the architecture of a large program from initiation to implementation
- Expert in knowledge of network and computer systems hardware and software theory, practice, concepts, and technology relevant to organizational vision
- Knowledgeable and experienced in the following key areas: Data center and remote locations networking LAN/WAN, Routing, switching, load balancing, DNS, and multi-functions firewalls
- Experienced in designing, implementing, supporting Enterprise Infrastructure Technologies and Platforms
- Operations Architecture: High-availability, reliability, operability, failover, disaster recovery, capacity/performance Management
- Network Security, Network Hardware Configuration, Network Protocols, Networking Standards, Supervision, Conceptual Skills, Informing Others, Functional and Technical Skills, Dependability, Information Security Policies
- Ability to articulate and resolve complex project related problems and execute innovative solutions, in a fast pace environment changing environment
- Exposure to and experience with tools and technologies used to design, plan, and validate architecture designs
- Experience with change management and/or deploying enterprise distributed systems in a production environment
- Experience and understanding of networking services consisting of Virtual and Physical network functions
- Excellent verbal and written communication skills; ability to present information to management and non-technical audience

Expectations
- Willingness to travel across the communities within CityWest's operating area
- Work after business if needed

Please note that interviews may be required to determine skills and qualifications for the position. Please submit a cover letter and resume in confidence to the attention of Human Resources at CityWest 248-3rd Avenue West, Prince Rupert, B.C. or by email to recruitment@cwct.ca