



Utility Telecom Services & Software

NTG Clarity is a leading provider of network consulting, field services, and software in Canada for hydro telecom organizations. We assist these organizations to plan their telecom businesses more effectively, determine which products and services to offer and how to introduce them to their marketplace. In addition, NTG Clarity assists hydro telecom organizations to create streamlined professional processes, provides and integrates software solutions that automate end-to-end service fulfillment and to install, grow and manage their networks cost effectively and with the right technology.

In today's telecom market, hydro companies are poised to generate significant revenue and profits by offering advanced telecom network services to their customers. However, this opportunity presents these organizations with challenges in determining which products and services to offer, how to offer them, and how to effectively implement and run a network. NTG Clarity has an impressive track record of providing services and software to small and large hydro telecom organizations to help them solve the challenges of establishing and operating a cost effective and profitable telecom operation. These include:

Hydro Telecom Software Suite

NTG Clarity provides powerful system solutions to meet the unique needs of hydro telecom organizations. Our software is rich in functionality and scalable, yet compared with other operations support systems, it's more attractively priced to meet the needs of a start-up operation. The software includes end-to-end functionality from order processing to network operations, as outlined below:

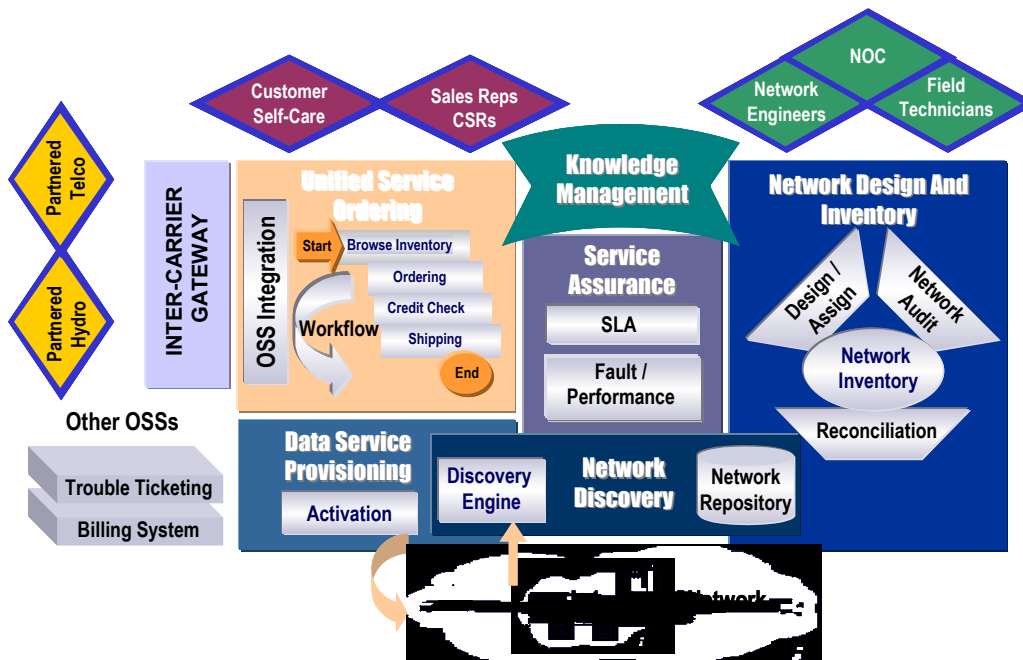
- ◆ Unified Service Ordering
- ◆ Network Design and Inventory
- ◆ Inter-carrier Gateway

- ◆ Network Discovery
- ◆ Data Service Provisioning
- ◆ Service Assurance
- ◆ Knowledge Management

The software, coupled with NTG Clarity's expertise in customization, implementation and support services, provides a cost effective, robust solution for any hydro telecom company. NTG Clarity understands the importance of time-to-market and can usually implement its solutions within 60-90 days. NTG Clarity's modular approach allows our clients to choose the modules they need, minimizing the initial cost and effort, while maintaining the flexibility to add new modules as their business requirements evolve.

Business Planning

- ◆ Market analysis and needs assessment
- ◆ Strategy development
- ◆ Organizational planning
- ◆ Business case development
- ◆ Product and services recommendation, pricing and development



Network Planning

- ◆ Translation of business plans into network plans
- ◆ Investigation and feasibility studies of new voice and data technologies
- ◆ Recommendations on optimal network technology and architecture
- ◆ Capacity planning

Network Design and Engineering

- ◆ Network Sites: POPs, Hubs, COs and Co-locates
- ◆ Equipment: switches, routers, cross connects, cabling and panels
- ◆ Inside/outside plant fibre and network facilities: T1s, T3s, OCn, etc.

Process Development

- ◆ Workflow process development and improvement
- ◆ Naming convention and standards development
- ◆ Change management and "as built" processes
- ◆ Cut-over and roll out strategies

Data Modeling

- ◆ Development of data templates
- ◆ Structuring and modeling of data

Network Build and Commissioning

- ◆ Network Sites: POPs, Hubs COs and Co-locates
- ◆ Equipment: switches, routers, cross connects, cabling and panels
- ◆ Inside/outside plant fibre and network facilities: T1s, T3s, OCn, etc.
- ◆ Racking and cabling

Network Audit and Related Services

- ◆ Physical and logical audits
- ◆ Network capacity management
- ◆ Data integrity
- ◆ Service and process improvement

Training

- ◆ Network fundamentals
- ◆ Network technologies
- ◆ Project management

Who is NTG Clarity?

- ◆ Full Service and Quality Networking Company
- ◆ #4 Fastest Growing Company in Alberta for 2001
- ◆ Publicly trading on the CDNX under symbol NCI
- ◆ Established in 1992
- ◆ Offices in Toronto, Montreal, Calgary, Vancouver, US and Egypt
- ◆ Experienced in developing and delivering enterprise and telecommunications solutions

Why NTG Clarity?

- ◆ Experience with large and small hydro telecom organizations
- ◆ Extensive telecom service provider experience
- ◆ Specializes in networks and network applications
- ◆ Guarantees results and willing to share the risks
- ◆ Client Centric
- ◆ Help evolve and maintain your environment while phasing out old technology applications
- ◆ Flexible engagement model



Adding value to the core processes of our telecom clients



People. Products. Processes. Technologies.
Solutions for telecom and networks.

Contact Info: sales@ntgclarity.com
Tel: 1 800 838 7894 **www.ntgclarity.com**