



# Hydro Telecom Software Solution

NTG Clarity offers a suite of software products for Hydro Telecom organizations. The products enable these organizations to rapidly implement end-to-end solutions for managing networks and customer services with efficiency, integrated with the existing networks and infrastructure. Hydro telecom organizations can provide quick-to-market services, acquire customers rapidly and increase revenues through improved network planning, customer direct access, and readily available service information using the solution.

## NTG Clarity Product Suite

In today's market, a hydro telecom organization needs to launch services rapidly, deliver services faster, and manage networks efficiently for customer services. NTG Clarity provides a software product suite for the hydro telecom organization to automate end-to-end service fulfillment, improve ongoing network maintenance, and promote knowledge management. Recognizing that the hydro telecom organization is building and benefiting from inter-carrier connectivity to service wider markets, the software solution can also provide the inter-carrier gateway to support service fulfillment and delivery from partnered networks.

NTG Clarity's software products include:

- ◆ Unified Service Ordering
- ◆ Network Design and Inventory
- ◆ Inter-carrier Gateway
- ◆ Data Service Provisioning
- ◆ Network Discovery
- ◆ Service Assurance

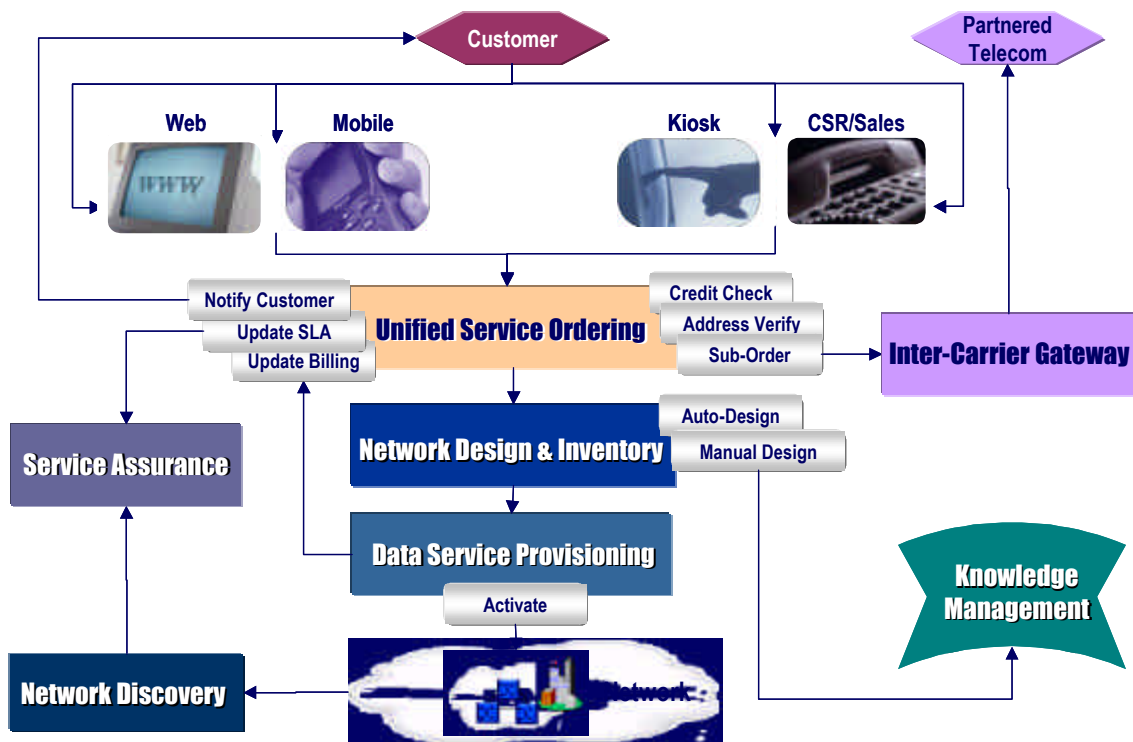
## ◆ Knowledge Management

A hydro telecom organization can jump-start by implementing one product in the suite to address the most urgent business needs; then incrementally implement other products and integrate them with the network infrastructure and other operations support systems for a complete solution. The product suite can also offer a set of pre-integrated solutions, i.e. an end-to-end service fulfillment solution (as illustrated below) or a network management solution with customer SLA.

## NTG Clarity Products

NTG Clarity offers individual products for the hydro telecom organizations to mix and match. Each product is provided with its built-in knowledge management component. For Network Design and Inventory, Data Service Provisioning and Service Assurance, they are pre-integrated with the common Network Discovery component.

**Unified Service Ordering:** As a hydro telecom organization, enabling the sales force and customers with direct ordering provides the quick-to-market competitive advantage. This product offers rapid service modeling and



NTG Clarity End-to-End Service Fulfillment Solution

flexible order captures by different channels. Its order entry and order management are enabled with the scalable technologies. It can be integrated with flow-through service activation and billing while providing centralized customer information and service catalogue.

**Network Design and Inventory:** The hydro telecom organization must leverage existing networks and continue to build new networks for offering competitive services. This solution improves every aspect of networks, from planning, design to ongoing maintenance. Its deep discovery capability supports network audit for data integrity for keeping accurate inventory and facilitating engineering design.

**Inter-carrier Gateway:** The hydro telecom organization needs to leverage partners, such as other hydro telecom organizations or telecom service providers to support wider markets with more service offerings. This gateway can be used to automate the service fulfillment that requires a commitment from the partnered carrier's networks. It can provide open interfaces and flexible workflow for service ordering with external parties.

**Data Service Provisioning:** Creating and activating services rapidly is a key requirement when fulfilling customer data services on a timely basis. This solution, coupled with auto-discovery capability and built-in end-to-end circuit design, automates the complex process of creating and activating data services over multi-vendor multi-technology networks.

**Network Discovery:** Maintaining an accurate network inventory can be time-consuming and costly, but it is essential to have it in order to deliver services properly. The Network Discovery product, also used as the common component embedded in other products in the suite, is the answer to keep track of the network resources directly from the network, both at the physical and logic level in an automated interface.

**Service Assurance:** The hydro telecom organization must ensure the quality of customer services. This product proactively tracks, correlates network events, and alerts with customers. It supplies the network and service assurance through fault and performance to meet customer service level agreement.

**Knowledge Management:** The hydro telecom organization needs to be efficient with operations when delivering services. This product provides a

centralized portal to facilitate knowledge management, collaborative communications, and document management. It is the information repository, with easy to use web access, integrated with multimedia contents identified by the hydro telecom organization.

## Software Implementation Services

NTG Clarity provides software implementation and integration services with track records in delivering successful solutions to hydro telecom organizations.

The services provided cover the full life cycle of solution implementation with key activities in:

- ◆ Project Management
- ◆ Requirements Analysis
- ◆ Functional and Architecture Design
- ◆ Customization, Integration and Implementation
- ◆ Documentation and Training
- ◆ Installation, Configuration and Performance Tuning
- ◆ User Acceptance Testing
- ◆ Support and Maintenance

## 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?

- ◆ 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



**People. Products. Technologies.**  
**Network Software Solutions.**

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