

CORIANT IS NOW PART OF INFINERA

Northbound Interface Integration Services

*Cost-effective Integration of NBIs from Coriant™
Transcend Chorus for Packet to Your BSS/OSS Platforms*

Today's increasingly complex telecommunications networks typically leverage equipment from multiple vendors. Managing these disparate network elements can pose significant technical and operational challenges.

Northbound Interface Integration Services equip you to monitor and control all of the elements in your network from a single console by creating Northbound Interfaces (NBI) that link Coriant Transcend™ Chorus to your Business Support System (BSS) or Operations Support System (OSS). Coriant Services consultants have extensive network management design and implementation skills combined with the practical experience of operational and business processes required for an effective deployment.

Coriant consultants design and deploy Northbound Interfaces between Transcend Chorus and your BSS/OSS to support:

- Fault management
- Provisioning
- Inventory management
- Performance management

BENEFITS

Managing all of your network elements from a single BSS/OSS offers a range of benefits, including:

- Streamlined network management process reduces complexity and drives faster fault resolution
- Reduced complexity means easier and faster deployment of new service offerings
- Less effort required to manage and troubleshoot the network reduces operating expense and allows staff to focus on revenue generating activity
- Automated tasks for faster service provisioning
- Streamlined management of enterprise-wide architecture from one console
- Flexibility using either Transcend Chorus or the BSS/OSS, depending on the functionality required
- Simplified reporting ability across the network

BENEFITS OF CORIANT NORTHBOUND INTERFACE INTEGRATION SERVICES

- Streamlined network management enables **faster fault resolution**
- Reduced complexity ensures **faster new service deployment**
- Automated tasks enable **faster service provisioning**
- Streamlined management **reduces operating costs**
- **Outsourced design, implementation and support expertise** ensures a smooth integration



Cost-Effective Design, Implementation, and Support for Successful Northbound Interface Integration

NBI integrations cover a wide range of technologies in the network, including optical, SDH, PDH and MPLS technologies. They also cover various applications in mobile backhaul, fixed line, and business services. Once the NBI has been developed and integrated, it will continue to function with future changes in your network.

IMPLEMENTATION PROCESS

Coriant performs an analysis of your BSS or OSS, detailing the data links needed between Transcend Chorus to the BSS/OSS. Coriant Services consultants develop the Northbound Interface. When the NBI is completed, Coriant installs, integrates, tests, configures and commissions the interface into your network.

Your team can integrate Coriant's off-the-shelf NBI implementation's themselves or utilize Coriant's Services team to perform the integration quickly and efficiently.

FEATURES

Through the Northbound Interface Integration Service, Coriant delivers a fully functional Java-based interface, linking data from the Coriant Northbound Interface to your BSS/OSS platform. As part of this service, the following Northbound Interfaces can be included:

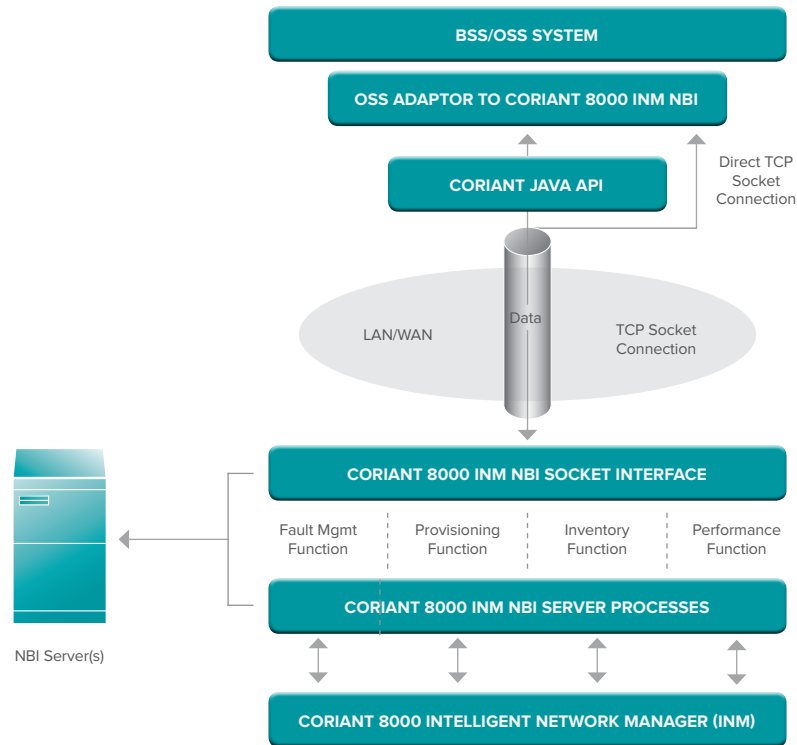
- **Fault management functions**
 - Network element fault
 - Extended network element fault
 - Faulty service
 - Extended faulty service
- **Network provisioning functions**
 - Pseudowire creation
 - Circuit creation
- **Network inventory function**
 - Change notification
 - Add/delete/suspend inventory
 - Request and receive updated network inventory
- **Network performance functions**
 - Circuit 24-hour performance data
 - Circuit accounting data
 - Ethernet and ATM performance

CORIAN NBI INTEGRATIONS

Coriant has developed and integrated over 50, cost-effective NBIs that allow customers to perform all management system tasks from their BSS/OSS, including:

- IBM Tivoli NetCool
- HP Openview TEMIP
- Cramer (Amdocs)
- Nokia NetAct
- Metrica (Vallent / IBM)
- Comarch
- Infovista
- Netboss (Harris)
- Navis (Alcatel Lucent)
- Syndesis (Subex Azure)

The Java Application Programming Interface (API) is composed of more than 20 Java classes and a single interface. The Java API processes notification messages sent by Transcend Chorus to the BSS/OSS platform. A standards-based MTOSI NBI is also available for pseudowire provisioning and service management on 8600 Smart Router network elements. A standards-based SNMP NBI is also available providing fault management for all network element types supported by Transcend Chorus.



ORDERING AND AVAILABILITY

Customized Northbound Interface Services are available to Coriant customers worldwide. For further information on these services, please consult your local Coriant account manager or regional sales office.

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