

**NEXUS
TRACE**

NETWORK + SERVICE TESTING

SERVICE ASSURANCE

All-Software Protocol Analyzer

Solve problems in minutes, not hours – all from your main operations center!

NexusTRACE is the ultimate protocol troubleshooting and application analysis tool that fuels your Network Operations Center with advanced remote multi-protocol analysis capability for access points anywhere in your network.

While NexusTRACE has the same look and feel as traditional hardware protocol analyzers, it is easier to use and runs on your network management workstation or any other workstation connected to your network.

With hundreds of installed systems globally, support experts choose NexusTRACE to decode, display and troubleshoot virtual circuits and protocol stacks on any port in their Alcatel-Lucent, Local Ethernet or Nortel Networks.

Key Benefits

- ⋮ **Meet aggressive SLA problem resolution targets**
- ⋮ **Fulfill lawful interception requirements**
- ⋮ **Increase your service levels by locating your customers' problems**
- ⋮ **Monitor interfaces on your ATM, Frame Relay and X.25 networks where network elements or end-user devices such as DSLAMs, DTUs and other multi-vendor equipment are connected**
- ⋮ **Check whether the Internet traffic on your network shows any signs of overload or is otherwise deficient**
- ⋮ **Quickly solve provisioning errors with detailed protocol analysis**
- ⋮ **Save and recall capture profiles with predefined settings**
- ⋮ **Save time and money with NexusTRACE**
- ⋮ **NexusTRACE is not service-affecting**



We work to improve your network

Softprobe-based Real-Time Protocol Analysis

NexusTRACE brings protocol analysis right to your desk

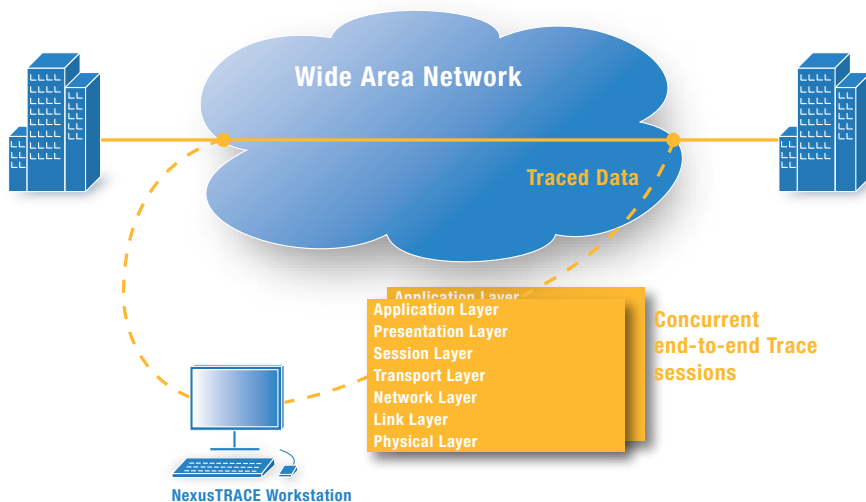
As network operator of a carrier or an enterprise network, you know that solving network problems quickly is vital to your business. Let NexusTRACE help you avoid the hassles and expense of on-site troubleshooting, while freeing your skilled and dedicated personnel to focus on business development.

Key Features

- ⋮ Traced data can be viewed on-line and in real-time, while it is captured to a configurable file for further analysis.
- ⋮ Multiple concurrent sessions: One NexusTRACE application permits a number of users to simultaneously trace a number of connections.
- ⋮ Supports a wide variety of network equipment: ATM, FR and X.25 switches from Alcatel-Lucent and Nortel Networks.
- ⋮ Decodes all standard protocols:
 - ATM and ATM signaling support protocols, CIDIN, DNS, Ethernet, Frame Relay, FTP, HTTP, IP protocols, LDAP, NetBIOS, SNA, X.25 / X.75 and more!
 - Modular Architecture for adding protocols as required

⋮ A rich assortment of tools including:

- Automatic identification of encapsulated protocols
 - Triggers fire upon receipt of specified strings or message types, including EIR alarms, and send user alerts via e-mail or pager
 - Filter on necessary information only
 - Configurable network commands
 - Browse command lists for fast selection of receiver-appropriate commands
 - Flexible Connection Process
 - Real-time throughput statistics for Frame Relay, ATM and IP traffic
 - Optional fully automated startup and shutdown
- ⋮ Platform requirements include a Sun Solaris workstation and an appropriate HSI, E1/T1 or STM-1/OC-3 interface.



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