



***NETWORK ROUTE MAPPING,
DEVICE UPTIME TRACKING,
RESPONSE MONITORING
& ANALYSIS TOOL***

Graphical Network Mapping, Route Analysis, Quality-of-Service Management, Troubleshooting and Uptime Monitor

*A Powerful, Intuitive
Solution for Managing
Critical Networks &
the Routes That
Connect Them*

- Reduce Troubleshooting Time
- Detect Network Abnormalities, and Device and Route Failures
- Configure Alarms for Instant Notification Alerts via Program, Pager, or Email
- Quickly Create Maps of Even the Largest Networks—Locally or Remotely
- Log Response Times with Historical Logging Function
- View Historical Data and Current Map Status From Any Web Browser
- Graphically Arrange Display for Easy and Quick Viewing
- Complement Other Diagnostic/Troubleshooting Solutions
- Easy to Install and Use

Monitor the Status of Important Devices on Your Network and Any Route In Between with Link Analyst™

Link Analyst provides graphical mapping of network devices, uptime monitoring of device response times, a trigger-based active notification system to warn of network problems as they happen, and web reporting. Link Analyst provides both local and remote monitoring on any connected network, allowing system administrators schedule flexibility along with the confidence of instant notification in the event of a problem.

Link Analyst is a cost-effective, software-based Windows 95/98/NT/2000/ME solution that is easy to install and use. You'll quickly realize the time and cost savings of being able to identify trouble spots before they turn into a crisis. Link Analyst is the perfect tool for monitoring

and maintaining a network's QoS (Quality of Service), or a service provider's adherence to the terms of a SLA (Service Level Agreement).

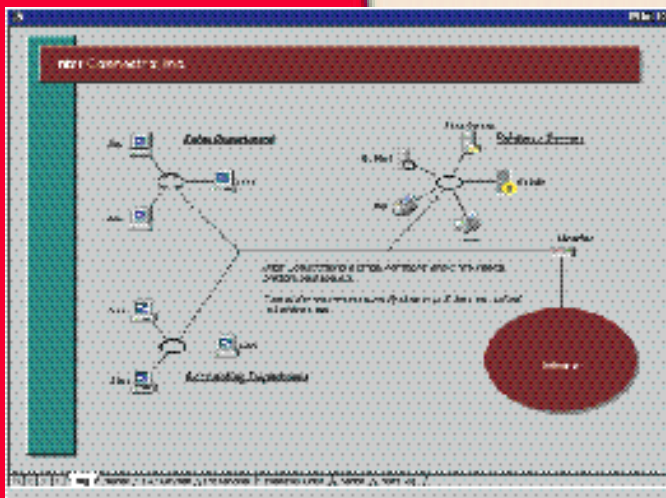
With Link Analyst, you can monitor the severity of degradation and spot trends that may indicate an impending failure.

Additionally, Link Analyst's complete facility to monitor WAN links provides up-to-the-minute route analysis, point-to-point route response times, and the display of each hop in a specific route, as well as response time statistics for each hop. Graphical device mapping is combined with real-time response-time monitoring. Route response times and specific link path information are logged and can be easily accessed for comparison to current conditions.

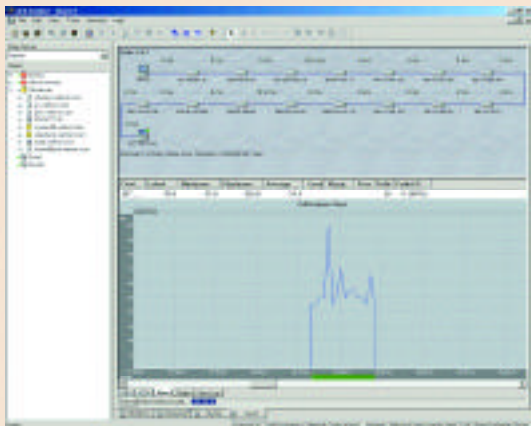
Map Your Network Quickly and Easily

Link Analyst automatically creates a map of any segment or group of systems on your LAN. LAN and device mapping provides both a heads-up view of the LAN, and shows current network assets with a visual grade of the current response times. "Drill-down" is available for individual station statistics, and tabs for map-specific details show device addresses and various names (IP, DNS, IPX, NetBIOS), response time histories, and configuration status.

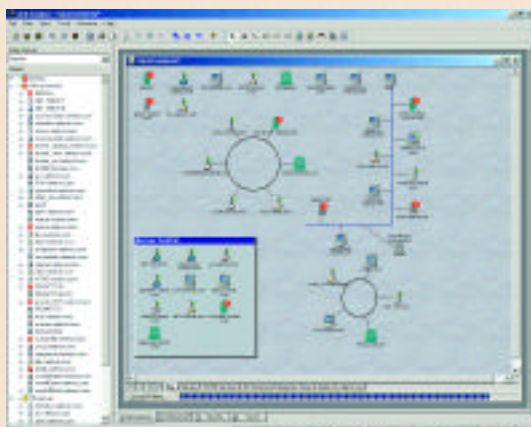
Route Mapping—Provides both a graphical and table-based display of a route between the Link Analyst PC and any device reachable via IP, permitting the network administrator to monitor the performance of the connection between the two devices. Create an independent QoS log for WAN vendor uptime, as well as response time SLA verification.



For a fully functional evaluation visit:
www.networkinstruments.com



Route Map



Network Map

Network Mapping—Provides both a graphical and table-based display of a network, network segment, or even an entire WAN, permitting the network administrator to monitor the response time and performance of devices anywhere on the network, including remote servers, within a matter of minutes.

Map reference items are “goto” links that represent a downstream LAN, WAN or device on any given map. Critical devices on a downstream map can be identified so that each reference item will change color, warning you of a problem that may need investigation. A quick double-click on a reference item displays the subordinate map with the potential problem(s). With map reference items, complete WAN problem identification layouts can be built. A WAN/router-based view of network can be shown, with all downstream LANs referenced and monitored.

Maps can be viewed as a bus, ring, group, or in free-form layout. Link Analyst shows all network devices as icons on a user-configurable display with graphical layout tools that allow complete display and map customization.

By creating a master map, the administrator can embed either kind of map—route or network—as submaps which may contain devices, or links to other maps, or both. This limits screen clutter and allows administrators to tell at a glance if there is a problem on the network and zero in on the source of the problem with just a few mouse clicks.

Link Analyst Pinpoints the Problem—You Focus on the Solution

While a station or device that is down may represent a critical problem and an action that needs to be taken, knowing historical response statistics (including degradation) may solve little problems before they become big ones.

Total response times are kept in a database and any changes in routes that may give reason for change in response time are noted and identified. Historical routes and response times can be viewed graphically for any recorded event or timeframe.

User-configurable service tracking is available for any device. Triggers can identify a server where a particular service is malfunctioning or responding in an unacceptable timeframe. For example, your SMTP server may respond to a ping, but email may be down—Link Analyst knows the difference and lets you know visually or via a user-defined alarm such as email or a pager—instantly.

Control What, When and Where

Device- and service-specific response time events that are below user-defined acceptable levels are flagged as critical for event notification and system-down warnings. Devices not flagged as critical that are down are simply grayed out on the map. Icons can be customized for varying levels of response time degradation. Triggers can be set to cause any recorded event to generate an alarm. You'll know “What's down” *before* the crisis phone call and be well on your way to solving the problem *before* the complaints begin pouring in.

Link Analyst's sophisticated alarm actions allow you to set the event notification that best fits your situation. Multiple alarm actions can be triggered by the same alarm. Example actions include:

Printing—Generates a trouble ticket which is printed to the Windows printer of your specification

Sound—Responds to alarm by playing a user-chosen sound



Program—Executes a user-selected program

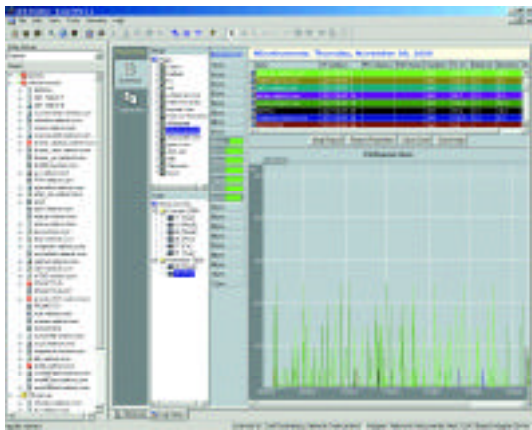
Email—Sends an email message to a designated address

Pager—Sends a numeric or alphanumeric message to configured pager

Advanced pager settings permit the use of one pager service for all pager messages or to configure pager messages for multiple administrators, at different times, different days or from different maps.

View Historical Data From Any Standard Web Browser

Link Analyst™ enables network administrators to keep a record of mapped devices' performance that can be examined at a later date and used to generate a report. All statistics are logged for historical interpretation and baselining. Easy to read charting is available for reporting and management documentation. Link Analyst



Web Report

Reporting works identically through Link Analyst or a Web browser such as Microsoft Internet Explorer. With the Web Reporting feature, data can be made available to anyone, on any platform, who has a web browser, even from remote locations. Historical data can be protected from unauthorized access via an optional password and can be set by user, by group of users, and by map.

Maps Window—shows correct map for which trending data has been collected

Report Type Window—permits user to choose between the type of report that will be displayed

Summary Report—shows information for one or more selected time periods

Comparison Report—compares report information for one or more selected time periods.

Keep your network services and devices up and running 24-hours a day with Link Analyst!

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System Requirements
Pentium 300 MHz, 32MB RAM, mouse, color VGA monitor running at 1024x768, and a fully Winsock-compliant TCP/IP, IPX, or NetBEUI protocol.

Link Analyst™ is available from:

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