

## Know what users are doing on your network.

LANGuardian gives you 100% visibility of user activity on your network. No agents, no clients, no performance impact.

### NetFort LANGuardian

NetFort LANGuardian is the industry's leading deep packet inspection software for investigating, monitoring, and reporting on network activity. It is a passive network traffic analyser, not inline, so it doesn't impact on network performance. There are no proxies, no agents or clients to install, and no special hardware appliances are needed. Its primary data source is a SPAN or mirror port on a switch.

Offering a depth of insight into internal network activity that is unmatched by products costing ten times as much, LANGuardian helps network administrators to:

- Troubleshoot bandwidth issues right across the network
- Perform network forensics on past events
- Investigate activity on Windows file shares
- Keep track of user activity on the Internet.

### Who uses LANGuardian?

LANGuardian is used by enterprise, healthcare, education, and government customers all over the world, including:

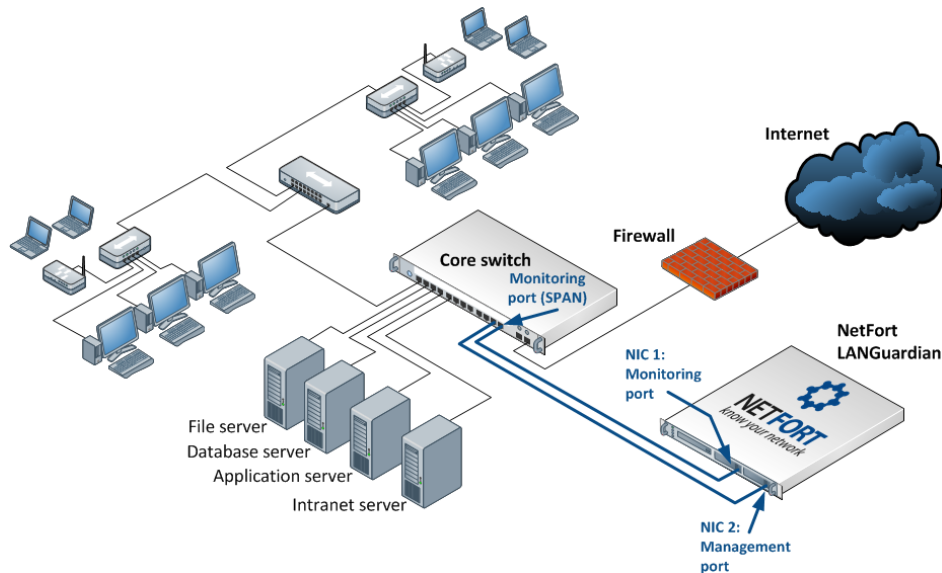
- Australia and New Zealand Bank Group Limited (ANZ Bank)
- Country Casual (USA)
- Honda Canada, Inc.
- Red Bull Formula 1 Team
- Tyco US
- United States Navy
- University of Western Ontario
- Washington Gas
- Wembley Stadium
- Xilinx, Inc.

### Key features

- Runs on industry-standard hardware and is easy to deploy on your network.
- Connects to a SPAN port on your core switch – has no impact on network performance.
- Uses advanced deep packet inspection (DPI) techniques to analyze the data packets flowing through the core switch.
- Creates and maintains a database of traffic information, which gives you access to historical, as well as real-time, network activity data.
- Includes a search facility that enables you to search for network information by username, IP address, subnet, file name, or web address.
- Displays dashboards that show a real-time overview of network activity.
- Generates reports, built-in and custom, with drilldown capability to show you the minutest level of detail.
- Integrates with Microsoft Active Directory to give you reports that list real user names rather than just IP addresses.
- Integrates with other network monitoring tools, such as SolarWinds and McAfee Enterprise Security Manager.



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This diagram shows a LANGuardian installation at a single site, with a single core switch. LANGuardian can also be deployed on networks with multiple core switches.

## Bandwidth troubleshooting

Identify users and applications that devour bandwidth. Troubleshoot saturated links and network bottlenecks.

- See at a glance how bandwidth is being used across your WAN, LAN, and Internet links.
- See details of usage by specific network links, users, clients, servers, applications, and web-sites.
- Drill down to greater levels of detail, ultimately to details of the start-time, end-time, and size of each individual data transfer.
- Make the best possible use of your available capacity.

## Network forensics

Full packet capture, storage of historical network events, and comprehensive analytical capabilities make LANGuardian the ideal solution for your network forensics requirements.

- Analyze an incident by simply entering an IP address, subnet, or username.
- Respond to queries about network activity with all the pertinent facts.
- Troubleshoot network problems and identify anomalous or illegal behaviour.
- Identify misconfigured systems and deliberate or unwitting misuse of the network by authorized users.

## File activity monitoring

Find out who accessed or deleted files. Prevent data leakage and unauthorized access to confidential data.

- See exactly what is happening on your Windows infrastructure.
- Search for file activity by IP address, subnet, username, or file name.
- Identify the users who have accessed a file or file share over a specific time period.
- Receive alerts to unusual file activity, such as large downloads by a single user over a short time period.

## Web activity monitoring

Drill down into user activity by website, download type, and traffic volume. Track down viruses, malware, and other security issues.

- Get an unrivalled level of visibility into the Internet traffic generated by the users on your network.
- Search for web activity by IP address, subnet, username, or website name.
- See everything from the total amount of traffic generated in a year, to the date and time a user visited a specific web page.
- With alerts, trends, reports, and drilldown capabilities,

## Security

Add an extra dimension to your IT security posture. Identify internal threats and get early warnings about zero-day threat activity.

- Use trends and alerts to identify suspicious activity.
- Detect port-scanning and port-sweeping activity.
- Identify instances of spam generation.
- Optional security module combines Snort intrusion detection with LANGuardian database to create a unique historical IDS.

## Application Monitoring (CBAR)

CBAR enables LANGuardian to generate consolidated reports that show bandwidth and usage patterns from an application perspective.

- Uses DPI to analyze packet content as well as packet headers – the foundation for more detailed and accurate reporting than NetFlow based monitoring tools can provide.
- Eliminates reliance on source address, destination address, and port number to identify the application associated with network traffic.
- Enables network engineers and system administrators to identify applications that use random port numbers or that use standard port numbers for non-standard purposes.

*"Much more detail, superior to NetFlow"*

Information Security Officer, City National Bank, USA

*"Seeing what the users are doing in multiple different areas is really what made us purchase"*

Senior IT Specialist, Country Casual, USA



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