

NetView



Get a secure, real-time view into the performance of your network* with the NetView monitoring tool from DSCI.

** Available for all on-net services with DSCI-supplied router and off-net services which include DSCI-managed router.*

NetView Benefits

Monitor Network Health

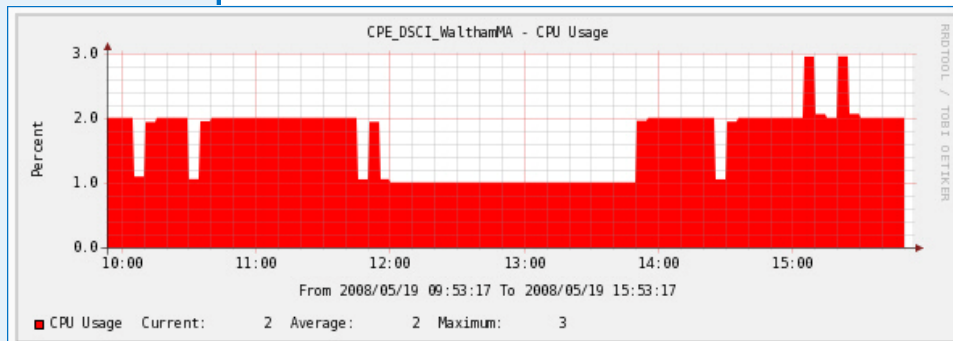
IT staff can view network bandwidth usage for selected time periods to monitor for performance. Comparisons to previous days/weeks/months can graphically show the trend toward degradation in quality due to company growth or operational changes.

Troubleshoot Performance Issues

Views into bandwidth usage over a selected period of time can help diagnose, for example, why performance slows at certain times of day or day of the week. If NBAR (Network Based Application Recognition)** monitoring is enabled, you can identify the specific protocol that is using the most bandwidth during the time in question.

Support Business Decision Making

As your company grows and changes, NetView helps your IT staff monitor the impact these changes are making on your bandwidth usage. NBAR can be used, for example to view how much Microsoft Exchange (SMTP) traffic traverses the WAN. This information could be used to justify an additional Exchange server at a remote office to improve performance for those users. If IP SLA (Internet Protocol Service Level Agreement)** is enabled, the router will ping selected endpoints to measure and monitor latency. Growing response times can indicate T1 saturation and the need for additional bandwidth to maintain performance.



NetView graphs total bandwidth consumed, in this example for the time period of "last 6 hours." Information can be used to monitor performance and diagnose why performance changes at specific times.

NetView Features

Access through Secure, Easy-to-use Web Portal

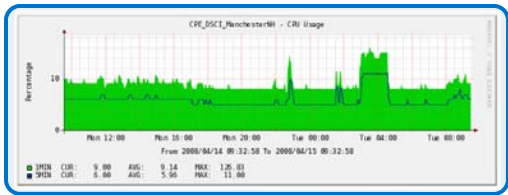
Access graphical data through a secure, password-protected web portal. DSCI does the initial setup so NetView is as easy to use as point and click.

Multiple Views

The NetView tool allows the user to select from multiple views: tree view which shows all routers on the network with associated graphs, list view which presents a checklist for each graph which can be viewed, and pre-view which shows thumbnails of all graphs on a single screen.

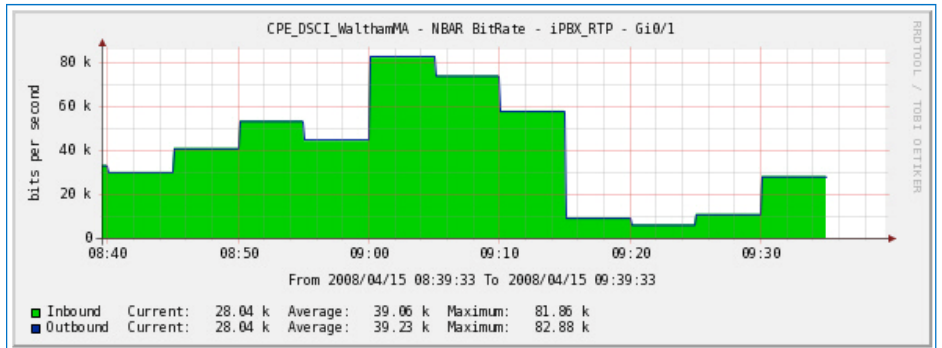


*** NBAR and IP SLA available to sites with Cisco routers only.*



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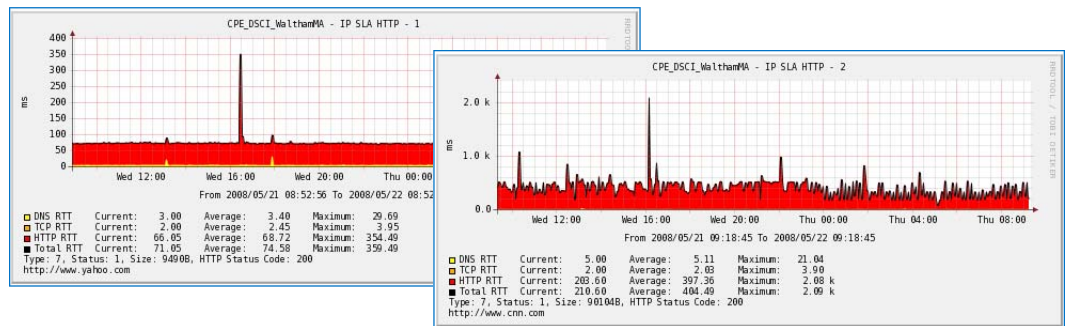
When NBAR is enabled, bandwidth usage can be segmented by protocol. The graph at the right shows usage by iPBX traffic at DSCI's Waltham location.



Export Data or Graphs for Presentation or Analysis

The data reported by NetView can be exported as either .csv files or as graphs for use in a multitude of business scenarios from cost analysis reports to business planning presentations.

When IP SLA is enabled, response times to pre-defined endpoints across the WAN can be monitored. The graphs at the right show response times to Yahoo.com and CNN.com.



Real-time Performance Information

See what your network is doing in real time and respond to situations as they develop. The table below lists the network performance statistics you can graph for periods of time from "last half hour" to "previous year." Note that some features are only available for Cisco routers.

NetView Graphs	Description
CPU Usage	Graph total bandwidth consumed during the selected time period.
Memory Usage	Graph shows I/O memory usage for selected time period.
Interface-Traffic (bits/sec)	Graph shows both inbound and outbound bits/sec. for selected time period.
Temp Internal Ambient	Graph shows router ambient temperature for selected time period.
NBAR BitRate**	Select from 35 pre-defined protocols and/or create 10 custom-defined protocols for monitoring both inbound and outbound performance. You see bandwidth usage for each selected protocol, i.e., dns, exchange, ftp, http, etc.
IP SLA**	Monitor pre-defined endpoints across the WAN to determine response times or performance of the application server.

** NBAR and IP SLA available to sites with Cisco routers only.



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