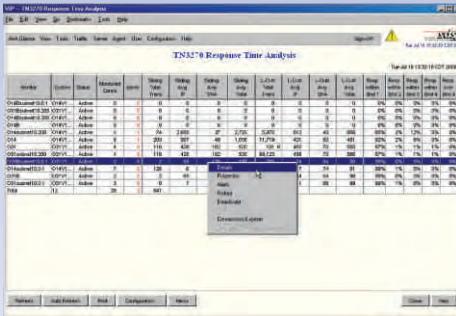


Stretch your network visibility.  
And your budget.

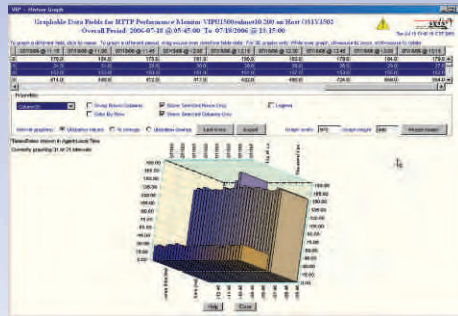


With new VitalSigns VNAC & VIP software.

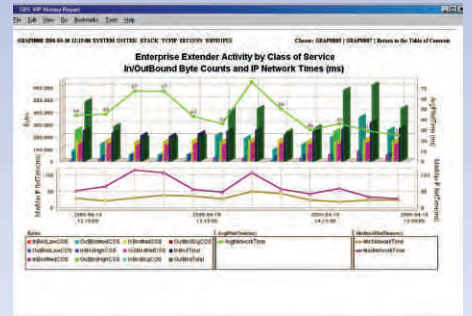




VIP monitors your network in real-time. User-alert thresholds warn users of problems before they happen.



Just point and click to see performance history in graphic or tabular format.



VIP can be used for capacity planning and trending, and data can be viewed via e-mail or FTP.

## Need to save big money monitoring your mainframe SNA and TCP/IP network? VitalSigns is the answer!

With VitalSigns for Network Automation and Control – and VitalSigns for IP – you can monitor your network... historically and in real-time...for substantially less than it costs to run NetView® or NetMaster for SNA.™

VitalSigns provides monitoring, problem diagnosis, network automation, and performance management for both mainframe TCP/IP and SNA networks. It empowers organizations to proactively resolve network problems, helping you automate the management of your network and ensuring that service-level goals are met with room to spare.

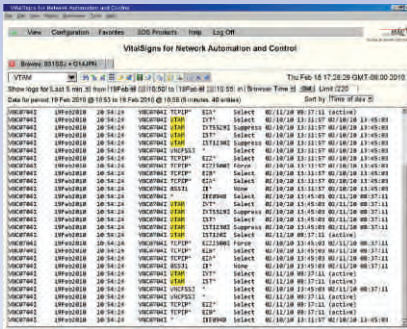
### VitalSigns for Network Automation and Control (VNAC)

VNAC enables you to manage large SNA networks at far less cost than NetView or NetMaster for SNA. Changes in SNA networking architecture have led to customers using only a few key features of expensive SNA legacy products. VNAC can satisfy most customer needs to monitor, automate, and control your SNA network and system environment at significantly less expense than other monitoring solutions.

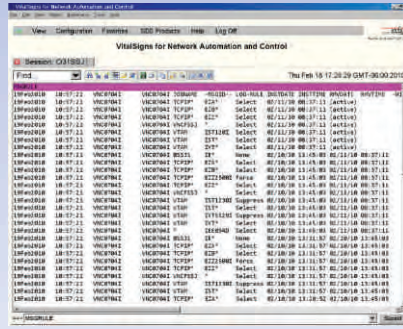
### VitalSigns for IP (VIP)

VIP meets all your TCP/IP monitoring needs to ensure a robust, high-performing, and available network. Capabilities include comprehensive real-time and historical monitoring of OSA, Enterprise Extender, DVIPA, TN3270, TCP applications, FTP, connections, and interfaces.

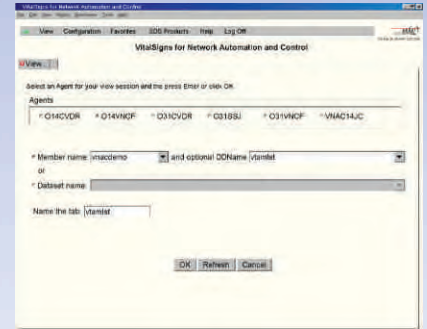
VIP diagnostic capabilities focus on resolving problems faster and more efficiently for network operations, help desks, and systems programmers. VIP diagnostics use proactive alerting, automation, and state-of-the-art tools including real-time trace, multi-protocol ping, EE traceroute, DNS name resolution, and system operator interface.



VNAC allows users to view multiple system logs in a single consolidated view, with online help for all messages and sense codes.



VNAC's command interface allows users to monitor and control entire networks and sysplexes from a single view.



VNAC makes datasets and individual members available network-wide.

## VNAC—An Affordable Alternative for SNA Network Automation and Control.

NetView and NetMaster are complicated to maintain, expensive, and resource intensive. Now there's an easier and more efficient way to manage SNA at a drastically reduced price: VNAC. It delivers the most-used functions of NetView and NetMaster with easier use and higher performance.

## Manage the Entire Enterprise from a Single Screen

Need to monitor or search logs on multiple LPARs? From one VNAC window, you can filter and consolidate network, system, and application messages from every LPAR into a single, searchable view. That's going to dramatically decrease the time it takes to diagnose problems. Real-time console monitoring lets you read all logs immediately as they are written to system consoles.

## Beats NetView NCCF Hands-Down

Once you log into VNAC, you can issue commands and call REXX scripts at every system where you have a VNAC Agent. That's a priceless improvement over NetView NCCF.

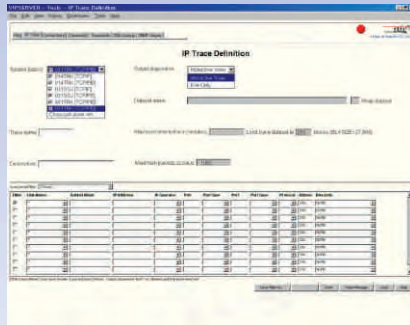
Not sure how to interpret an error message? In VNAC, error messages and sense codes are hyperlinked to explanations. Click on a message and immediately see the most accurate, up-to-date definition straight from IBM's on-line documentation.

## Easily Automates System Response to System, Network, and Application Messages

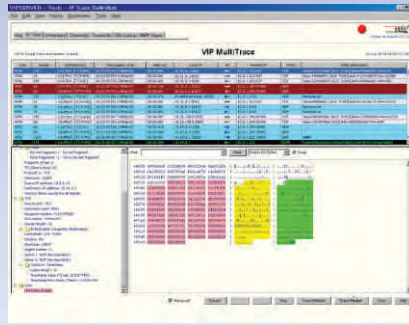
VNAC automates network monitoring and control. As messages arrive, VNAC can respond by invoking commands and REXX scripts. That makes it easy to diagnose and correct problems, even in your sleep.

## Save Money. Delay CPU Upgrades

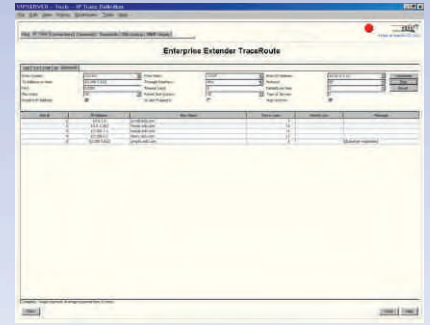
With client-server architecture, VNAC processing can be offloaded to zAAP, UNIX, Linux, or Windows. That frees mainframe cycles for production applications. Testing shows VNAC significantly outperforms legacy software.



IP Packet Multitrace: In a single trace, VIP captures packets from every TCP/IP stack or distributed virtual IP address (DVIPA).



VIP traces the entire IP payload. Users can interrogate each IP packet by pointing and clicking.



Our EE traceroute tool can show you every node on the EE path and the travel time between hops.

## VIP — One Monitoring Solution for the Whole IP Network

Only VitalSigns for IP meets all of your TCP/IP monitoring needs with a single solution. Other vendors require multiple products to monitor and control your Enterprise Extender and HPR network...OSA configuration...IP trace...TN3270 response times...Sysplex distributor performance...and file transfers.

### Check the Entire Network from a Single Screen

Until now, managing multiple TCP/IP stacks and CPUs meant viewing multiple screens, and required considerable diligence on the part of data center staff. With VIP, you can check all your TCP/IP stacks at once, on a single screen, and navigate straight to the solution of any problem.

VIP has no blind spots. It shows you every part of the network at a glance. It guides you effortlessly to precisely the right details. Response time slows? A router quits? Connections spike? You'll know about it, even before the users do.

### More Visibility

VIP takes full advantage of IBM's Network Management Interface (NMI) and its own direct cross-memory interface to the TCP/IP stack. These collection methods are more direct and efficient than polling SNMP or running non-stop packet traces.

With VIP, you're in control. Instantly see which applications are running and who's using them. Get immediate alerts to any problem anywhere, by console or e-mail. Set performance thresholds to proactively detect and fix network threats before they cause serious problems. Perform traceroute and ping for every protocol.

### Less CPU Demand

Among TCP/IP network monitors, the VIP architecture provides the best combination of low CPU consumption, robustness, and data richness. The VIP Server, a robust Java application, can run on z/OS, but doesn't need to. It runs equally well on Linux, UNIX, Windows. Or run the VIP Server on a zAAP processor, at one-fifth the cost of leaving it on the general z/OS processor.

## SDS's VitalSigns network management stretches your budget & keeps your mainframe network up and running.



In today's economic climate, everyone is looking for a way to reduce their expenses. One painless way to reduce expenses is to eliminate seldom-used legacy products such as NetView and Netmaster for SNA, then replace them with SDS's new VitalSigns VNAC & VIP software.

At a fraction of the cost, VitalSigns provides end-to-end mainframe network management for both IP & SNA. Forget those obsolete SNA features you no longer use, and add a full-featured IP monitor, for less than you're paying now.

VitalSigns VIP & VNAC are easy to install – even easier to use. Call us today at 1-877-737-8274 or visit [www.sdsusa.com](http://www.sdsusa.com) for a free trial, to see a whitepaper, or view a webcast.





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## Want a free product Trial?

See for yourself how VIP and VNAC can save a bundle over your current network management software. Call 1-877-737-8274 or click on [www.sdsusa.com/vip](http://www.sdsusa.com/vip)

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