

OPTIVIEW® MANAGEMENT SUITE

THE COMPLETE PICTURE
FOR MONITORING, ANALYSIS
AND TROUBLESHOOTING



Today's network management tools: An incomplete picture.

When it comes to managing network and application performance, typical network management systems (NMS) only reveal part of the picture.

Lack proper perspective

Central polling misses measurement of performance from the user's perspective. Without measuring from multiple points on the network and from remote sites, engineers do not see the actual experience of end users.

A false sense of security

A ping/port test will indicate what devices are "up" but not whether they're performing optimally. NMS often fail to monitor and analyze true network and application performance because they rely on measuring proxies instead of actual application traffic.

Lack troubleshooting and in-depth analysis

With an NMS, network engineers get an overview of what is happening on the network but cannot find the root cause of performance problems or see how an application is behaving because they lack packet level, "on-the-wire" visibility.

Typical Network Management Systems

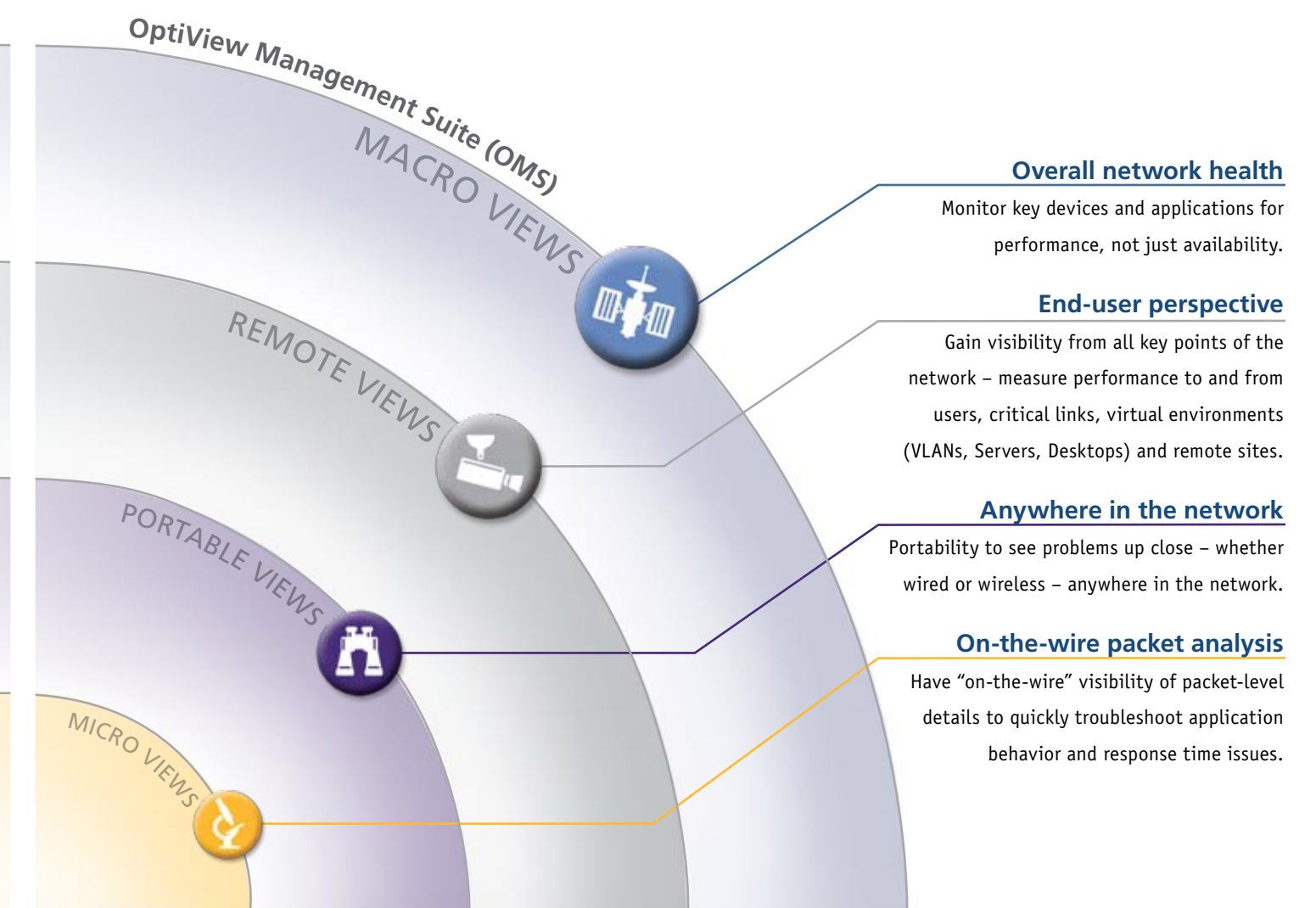
Measure availability
not performance

No view of actual
end-user experience

Cannot go directly
to the problem area

No visibility
into packet level

OptiView Management Suite: A complete picture.



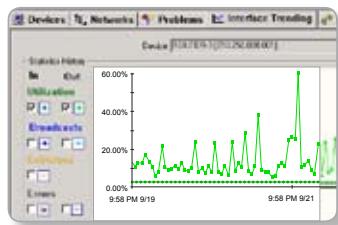
Risks of an incomplete network picture

- **Reduced user productivity:**
Applications are slow or unreliable
- **High down-time costs:**
Problems take longer to resolve
- **Unnecessary expenses:**
Organizations buy new infrastructure to solve performance issues
- **Reduced IT staff efficiency:**
Projects delayed as more time is spent troubleshooting
- **Dissatisfaction with IT:**
Inconsistent service delivery leads to unhappy users

Only OMS provides the breadth of visibility and depth of analysis for a complete picture of network and application performance.

Improve your IT organization, not just network performance.

▶▶ OMS helps reduce complexity and improve productivity in the network team's daily workflow.



1 MONITOR

Conduct daily proactive management and reporting

Monitoring actual traffic provides early warning of emerging issues and ensures performance.

- Monitor key devices, links, paths, applications for performance, not just availability
- Easily identify and prioritize the top issues in the network
- See interactive, web-based reports that show short- and long-term trends about network utilization, traffic types, errors and more
- Get automated daily reports to help prove compliance with SLAs



2 ANALYZE

Isolate and resolve problems from your desk

Eliminating guesswork resolves issues faster, users network-wide are more productive and satisfied with IT performance.

- See actual network traffic, not just proxies or statistics
- Measure what end-users are experiencing to see performance from their perspective
- Collaborate and share data with web based reports to "prove it's not the network" more easily and assign problem ownership
- Solve more problems from your desk to save time, speed resolution



3 TROUBLESHOOT

Go to the problem area to solve it

Tough problems are resolved more quickly, giving staff more time for other critical projects.

- Portable view into the network from wherever you are – wired or wireless
- Expert-assisted analysis for guided troubleshooting
- Discovery, traffic analysis and "on the wire" packet analysis in one tool simplifies and speeds network and application troubleshooting

▶▶ OMS helps network staff and management meet their goals

OMS helps network staff and management more effectively manage daily operations, ensure uptime, optimize assets and ensure compliance. With IT meeting departmental objectives, the organization is that much closer to meeting its overall objectives, from increasing productivity to reducing risk, from improving asset utilization to lowering costs.

UNIQUE CAPABILITIES	BENEFITS	GOALS
<p>Micro to Macro Views (breadth): Measuring the network at critical points and remote sites gives you the end-user perspective</p>	<ul style="list-style-type: none"> • Ensure quality of end-user experience with critical applications • Visibility into remote site performance from one central location saves on support and travel costs • Interactive web reports provide access to performance information and sharing across groups 	<ul style="list-style-type: none"> • Enhance business operations • Increase staff efficiency • Ensure compliance • Manage daily operations <ul style="list-style-type: none"> - Monitor performance and usage (SLA) - Manage changes • Ensure performance uptime, availability • Solve problems fast • Reporting
<p>Testing performance, not just availability: Active application testing to see true performance</p>	<ul style="list-style-type: none"> • Comprehensive visibility into network usage to optimize what you have – save expense by not throwing bandwidth at performance problems • Identify the severity of issues and impact on users and resources • Route quality assessment quickly finds the bottlenecks across your network 	
<p>Depth of visibility for root cause analysis: On-the-wire to see actual transactions/speed</p>	<ul style="list-style-type: none"> • Solve performance issues with rapid problem domain isolation (application, network, user or server) and root cause identification • Faster problem resolution improves workforce productivity 	

Return on investment, return of sanity.

Before making any investment in new tools, it only makes sense to study the return on investment. In addition to an impressive ROI, OptiView Management Suite delivers unprecedented ROS – Return of Sanity.

Because engineers can get the complete picture across their network, as well as in-depth analysis “on-the-wire,” the networking staff is able to solve more problems faster, improving the productivity of the entire workforce. By being proactive – instead of reactive – staff can work to ensure that performance is enhanced across the enterprise.

With network management more efficient and effective, engineers are able to provide management with a clearer understanding of overall performance. Managing the network with fewer vendors and fewer tools simplifies support and training. All of which results in more peace of mind for network engineers on the front lines and managers behind the scenes.

OMS provides ROI*

- Staff Productivity Up 20%
- Speed problem resolution. Down 25-75%
- Remote Site Support Costs Down 33%
- External Consultant Fees Save 50%

*Data derived from surveying OptiView Portable Network Analyzer owners



Fluke Networks: A company you can trust

For over a decade, Fluke Networks has provided innovative solutions used by enterprises and telecommunications carriers that provide network installers, owners and maintainers with superior vision: combining speed, accuracy and ease of use to optimize network performance.

Fluke Networks is focused on delivering Network SuperVision at every point of customer contact.

- The right tool for the right person in your organization
- More ways to look at your network
- Unique vision into the network you can't get anywhere else

Part of Danaher

Fluke Networks, Fluke Corporation and Tektronix are part of the \$2B electronic test platform within Danaher Corporation (DHR), a \$12B corporate parent company.

OptiView Management Suite Components

OptiView® Management Appliance with OptiView® Reporter

Network and application monitoring, trending and reporting.

NetAlly® Application Advisor

Active application analysis, monitoring and troubleshooting end-user experience from multiple sites and VLANs.

OptiView® NetFlow

Enterprise-wide monitoring of NetFlow and IPFIX data for application visibility and troubleshooting.

Network Time Machine™

Monitoring and analysis of critical links and applications, with back-in-time forensics.

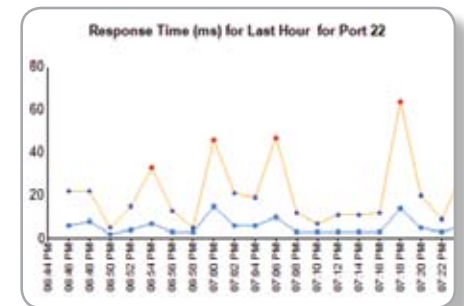
ClearSight Analyzer™

Application-centric packet analysis and troubleshooting.

OptiView® Portable Network Analyzer

Portable network and application troubleshooting and analysis anywhere on the network.

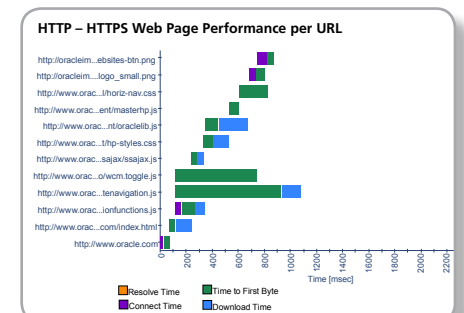
▶▶ See the OptiView Management Suite for yourself.
Visit: www.flukenetworks.com/oms



Monitor key network elements for performance, not just availability.

Interface Availability, Utilization & Errors Summary					
Monitored Interfaces from 8/25/2009 11:59:59					
Name	MAC Address	In/Out	Current Utilization	Cur	Err
ROUTER_3	Cisco-07AC01	In	100.00%		
ROUTER_3	Cisco-07AC01	Out	100.00%		
ROUTER_3	Cisco-07AC01	In	16.02%		
ROUTER_3	Cisco-07AC01	Out	62.80%		
ROUTER_3	Cisco-07AC01	In	100.00%		
ROUTER_3	Cisco-07AC01	Out	100.00%		
WGA-1	Fluke-A11403	In/Out	100.00%		
AP-1	Cisco-55FF20	In	38.18%		

Web-based reporting supports the network team's daily workflow.



NetAlly measures true end-user experience – a more meaningful view of performance.

A decorative graphic on the right side of the page consists of several concentric circles. The outermost circle is solid, while the inner ones are dashed. Four circular icons are placed along the solid circle: a satellite, a camera, binoculars, and a microscope.

▶▶ **Get the complete picture.**
**For more information about the
OptiView Management Suite visit:**
www.flukenetworks.com/oms

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Fluke Networks operates in more than 50 countries worldwide. To find your local office contact details, go to www.flukenetworks.com/contact.

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