



Use PacketPortal™ and the Network Analyzer to Find and Fix Problems in Minutes, Not Days



Viavi Solutions™ re-invents network troubleshooting by integrating the versatile Network Analyzer protocol analysis software with the powerful new PacketPortal solution.

The Network Analyzer software application can resolve the most complex and difficult-to-find video, voice, and data problems and other issues impacting QoE. Now, PacketPortal extends those capabilities to let operators see the network the way customers experience it.

PacketPortal provides immediate visibility and reach, right to the network edge. PacketPortal makes it possible for any optical transceiver in the network to analyze packets. Intelligent, PacketPortal-enabled SFP transceivers called SFPProbes™ can be located anywhere in the network without affecting performance. They remotely examine packets at full line-rate speeds and then time-stamp, copy, and forward, via PacketPortal software, critical network information to centrally located analysis applications like the industry-leading Network Analyzer.

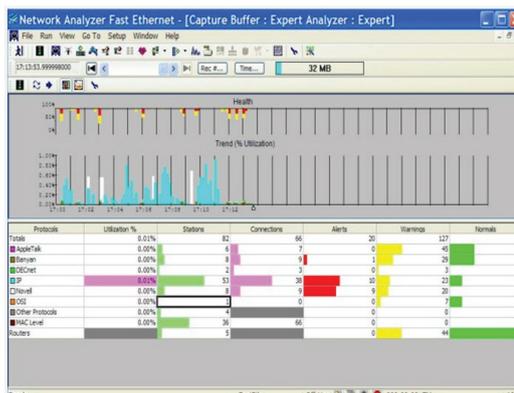
The combined solution unlocks network blind spots, letting users quickly troubleshoot network errors, delays, packet loss, and voice-quality issues before they become significant service interruptions. With PacketPortal and the Network Analyzer, mean-time-to-repair (MTTR) is reduced from days to minutes, leading to better customer service, lower operational costs, and reduced churn despite increases in network complexity. Operators in a central location can remotely see subscriber IP traffic at the edge, segment the problem, and quickly fix the issue—without ever deploying a technician.

Benefits

- Use your existing infrastructure to isolate network data issues all the way to the edge
- See what your customers are experiencing without dispatching technicians
- Isolate and fix network issues dramatically faster
- Reduce churn and lower operational costs
- Optimize the customer experience

Features

- Eliminates the cost of external taps, SPAN ports, and costly overlay networks and appliances
- Enables packet collection anywhere you have a 1 GE optical SFP transceiver
- Shows IP network issues, connection statistics, protocol errors, HTTP failures, and voice QoS issues at the network edge
- Combines full 7-layer protocol analysis with expert troubleshooting and network-wide visibility into anomalies



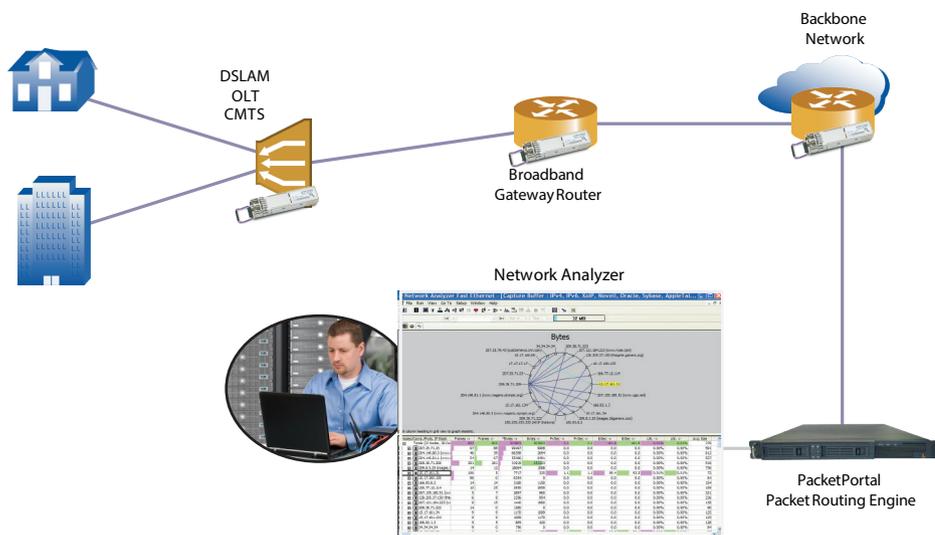
PacketPortal™
ENABLED

PacketPortal and the Network Analyzer Quickly Segment, Isolate, and Resolve Key Issues Such As:

- slow network response
- HTTP failures
- not able to receive or send data
- authentication failures
- who is using all the bandwidth
- no dial tone
- dropped calls or inability to establish a call
- end-to-end voice quality

With PacketPortal and The Network Analyzer, It is Economically Viable to Permanently Instrument at The Network Edge:

- view any subscribers network traffic instantly
- dramatically reduce MTTR and minimize dispatches
- cost-effectively validate a problem at the edge
- eliminate the need to provision a monitor port, install a tap, or send out analysis equipment
- quickly isolate complex, multi-segment IP network issues
- optimize tool utilization and resource productivity



Deploy SFProbes at key network access points, selectively copy per-subscriber traffic to the Network Analyzer, and centralize costly analysis equipment, applications, and expert personnel.



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