

Analyze Your Data Network, Solve Problems Faster with PacketPortal™ and Wireshark



PacketPortal™
E N A B L E D

Wireshark, the world's most popular protocol analyzer, can resolve the most complex and difficult-to-find network, data, VoIP, and quality-of-experience impacting issues. Now, breakthrough PacketPortal technology from Viavi Solutions™ extends those capabilities and lets 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 SFProbes™ 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, selected packets to centrally located analysis applications like the industry-leading Wireshark.

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 Wireshark, 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 any subscriber's IP traffic at the network edge, segment the problem, and quickly fix an issue—without ever deploying a technician.



Benefits

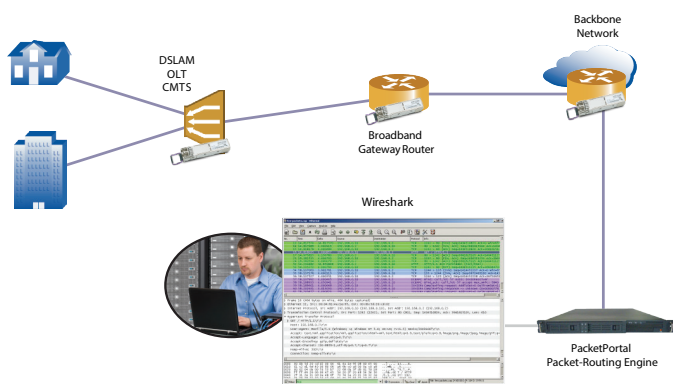
- Isolate network data issues all the way to the edge using existing infrastructure
- Reduce churn and lower OpEx: see what customers are experiencing without dispatching technicians
- Isolate and fix network issues dramatically faster
- Optimize the customer experience
- Eliminate the cost of external taps, SPAN ports, and costly overlay networks and appliances

Features

- Deep packet inspection of hundreds of protocols for both wireline and wireless networks
- Quick views of session analyses and statistics
- Remote views of IP network problems, connection statistics, protocol errors, HTTP failures, and Voice QoS issues at the network edge
- Performance and service profiling to see who is using network bandwidth
- Solutions for access and timestamp accuracy issues associated with traditional data-access methods

PacketPortal and Wireshark make it economically viable to access critical network information anywhere in your network:

- View any subscriber's network traffic instantly
- Dramatically reduce MTTR and minimize dispatches
- Eliminate the need to provision a monitor port, install a tap, or send out analysis equipment
- Cost-effectively validate problems at the edge
- Quickly isolate complex, multi-segment network issues
- Optimize tool utilization and resource productivity



With PacketPortal and Wireshark, users can deploy SFProbes at key network access points and selectively copy per-subscriber traffic to Wireshark. Costly analysis equipment, applications, and expert personnel can be centralized.

PacketPortal Data Analysis with Wireshark Package (Part #JPS-VNICTOOL with JPS-WIRESHARK Option)

This Package Includes:

- All software elements of the PacketPortal solution
 - System manager and platform software
 - Activation entitlements for SFProbes
 - One filter bank activated per SFProbe
- Deployment services
 - Installation and provisioning of software and hardware
 - Deployment completed at single site or remotely
 - Minimum 10 percent of SFProbes activated during deployment
 - User- and administrator-training classes
 - >100 SFProbes = 1-day course
 - <100 SFProbes = 2-day course
 - Project management included for 100+ SFProbe deployments
- Standard PacketCare solution for 12 months
 - 8x5 phone and email support
 - Software update subscription service
 - Software update installation service (SUIS)
 - Remote hardware support and replacement
- The latest versions of Wireshark and desired extensions (downloadable from www.wireshark.org)

Customers must select the following when ordering:

- Number of probe licenses desired (1 to N)

Solutions containing over 1,000 probes require a Statement of Work and Contract.



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To reach the Viavi office nearest you,
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