



Omniplance® Network Recorder

The Challenge

Enterprises and service providers depend on reliable network performance. Configuration errors, network faults, and security attacks can jeopardize operations—and the corporate bottom line. To keep networks performing optimally, engineers need to be able to continuously monitor their networks and troubleshoot problems wherever they occur, as quickly as possible. They need real-time analysis for every type of network segment—Ethernet, Gigabit, 10 Gigabit (10G), and WLAN—and for every level of network traffic, including spikes in usage. These analysis capabilities must be available 24/7 in an easy-to-deploy, easy-to-use solution.

Omniplance® Network Recorder

The WildPackets® Omniplance network recorder is a turnkey, continuous capture solution that gives network engineers unprecedented, real-time and post-capture visibility into remote network segments. Each Omniplance network recorder runs a WildPackets OmniEngine™ software probe and sends real-time analytics and monitoring results to a central OmniPeek® console. The Omniplance is an ideal data recorder for network forensics applications, such as incident response operations and policy compliance investigations.

The Omniplance network recorder is designed for rapid, convenient deployment. The system can be installed, configured, and online in under an hour. An LCD and keypad on the front panel enable network engineers to enter configuration information such as IP addresses without the use of a keyboard or monitor.

The Omniplance network recorder makes it easy for organizations of all sizes to

deploy at every network location in the enterprise. By installing Omniplances in data centers and wiring closets, network engineers gain immediate real-time visibility into local and remote network segments without any lengthy or costly network reconfigurations or upgrades.

Omniplance Core



Designed for data center network monitoring, the Omniplance Core is offered in a range of configurations to fit every budget. Taking advantage of the unique data gathering and analysis technology inherent in OmniEngine software probes, the Omniplance Core rapidly evaluates the health of network segments, minimizing the resolution time.

Omniplance Core Configurations

- Pre-loaded, tested, and fully integrated OmniEngine Enterprise software
- Microsoft Windows Server 2008 R2 or Linux
- Available with 8TB/16TB SATA Storage
- Optional SAN
- Supports up to 4 OmniAdapters on Linux and up to 2 OmniAdapters on Windows

Omniplance Edge



The Omniplance Edge, WildPackets' most affordable network traffic recorder, is an ideal addition to the network infrastructure of remote offices. The Omniplance Edge is an excellent solution for expanding



Total Network Visibility



See Invisible Virtual Network Traffic

WildPackets' solutions enable businesses to

- Gain unprecedented visibility into networks and applications
- Accelerate find-to-fix times
- Discover and close network security gaps
- Maximize ROI on existing networks and applications
- Increase IT efficiency and responsiveness
- Reduce costs associated with network downtime and service degradation
- Reduce IT labor costs
- Increase end user productivity

enterprises seeking real-time awareness into the network despite its physical location. In addition to its invaluable benefits in monitoring and providing visibility into remote segments, the Omnipliance Edge helps organizations maximize productivity and efficiency while minimizing the risk of network downtime.

Omnipliance Edge Configurations

- Pre-loaded, tested, and fully integrated OmniEngine Enterprise software
- Microsoft Windows Server 2008 R2 or Linux
- Available with 1TB Storage
- Optional SAN
- Supports one OmniAdapter

OmniEngine Software Probe

OmniEngine Enterprise extends the network analysis capabilities to remote locations, performing data capture and network analysis on multiple network interfaces, and over all network topologies, including wireless (802.11) and Gigabit and 10G networks. This product is best deployed in workgroups or at remote locations, providing continuous network monitoring and analysis without the need for local network engineering support. To completely cover your network analysis needs, one or more OmniEngines should be deployed at each remote location, with every server farm, and within the network operations core.

OmniAdapter™ Analysis Cards

OmniAdapter 1G

The OmniAdapter 1G is a high performance network analyzer card that supports up to 2 full-duplex or 4 half-duplex connections providing advanced monitoring and troubleshooting of Gigabit networks.

OmniAdapter 1G is a four-port, PCI Express network analyzer card available in the following configurations:

- Four SFP cages
- Four fixed RJ45 ports (10/100/1000)
- Two SFP cages and two RJ45 ports (1000)

OmniAdapters 1G are supported on both Windows and Linux operating systems.

Supported Omnipliance network recorders

- Omnipliance Core
- Omnipliance Edge

OmniAdapter 10G

WildPackets' OmniAdapter 10G is a high performance, PCI Express, full-duplex 10 Gigabit Network Analyzer Card with 2x10 Gbps optical interfaces that has been optimized for monitoring and troubleshooting traffic on 10 Gigabit Ethernet networks. The two-port, OmniAdapter 10G provides hardware-accelerated packet tracing and dynamically configurable filtering together with high precision timestamping.

OmniAdapter 10G is available with 1x850nm MFF XFP or 1x1310nm SMF XFP optical transceivers with LC connectors.

OmniAdapter 10G is supported on both Windows and Linux operating systems.

Supported Omnipliance network recorder

- Omnipliance Core

A Flexible, Scalable Solution for Enterprises

Through the rapid deployment of Omnipliances, a network engineering team can gain comprehensive visibility into all its network segments, even its full-duplex Gigabit segments. Once the appliances are configured network engineers can begin benefiting from the Omnipliance's in-depth monitoring and traffic analysis. The business results of that monitoring and analysis are compelling: improved reliability for networks and applications, tighter security, and improved user productivity.

Deployment Service— Onsite or Remote

Omnipliance Deployment Services enable you to put your WildPackets solutions to work for you right away and start fully enjoying the benefits and ROI of your local or distributed analysis platform. From pre-deployment planning to personalized network configuration, we ensure that your WildPackets solution is up and running as quickly and effectively as possible for you and your business.

Remote Consulting

In addition to onsite assistance, WildPackets offers continuing IT support. Through our interactions, there will be shared understanding of your network and business needs. Trace files can be exchanged and analyzed to monitor performance, look for trends, confirm expectations, or just troubleshoot issues that may arise. Remote consulting services can be scheduled like a check-up or available on short notice in emergencies.

For more information, contact: wpconsulting@wildpackets.com or call 800.466.2447 and ask for Professional Services.

About WildPackets, Inc.

WildPackets develops hardware and software solutions that drive network performance, enabling organizations of all sizes to analyze, troubleshoot, optimize, and secure their wired and wireless networks. WildPackets products are sold in over 60 countries and deployed in all industrial sectors. Customers include Boeing, Chrysler, Motorola, Nationwide, and over 80 percent of the Fortune 1000. WildPackets is a Cisco Technical Development Partner (CTDP). For more information, visit www.wildpackets.com.



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