

## Omnipliance CX and MX:

*Powerful, Precise, and Affordable Solutions for 1G and 10G Networks*

### Real-time Network Analysis and Recorder Appliances

#### Keeping Networks Fast, Reliable, and Secure

To keep networks performing optimally and securely, IT engineers need to be able to continuously monitor traffic and troubleshoot problems wherever they occur, as quickly as possible. They need real-time and historical analysis for every type of network segment—Ethernet, 1/10/40 Gigabit, and voice and video over IP—for all types of network traffic. These analysis capabilities must be available 24/7 in an easy-to-use solution that can be deployed everywhere—from a central NOC to remote branch offices.

Yet IT organizations are losing the network visibility they once had. Today's high-speed networks transmit high volumes of data at speeds beyond the recording and analytical capacities of most network recording and monitoring tools.

Data volumes are rising exponentially on enterprise networks, and most network analysis products can't keep up. So they compromise, providing samples and averages in the hope that IT organizations can troubleshoot and optimize complex, high-speed networks with estimates and generalities. Or worse, they drop packets and report erroneous data.

But IT organizations don't have to sacrifice precision for speed. Introducing Omnipliance from WildPackets.

#### Introducing WildPackets Omnipliances: Powerful Analysis Solutions for 1G and 10G Networks

WildPackets' new family of Omnipliances gives IT organizations the network monitoring, recording, and troubleshooting solution they need to keep up with today's high-speed networks. Omnipliances provide 24/7 access to 1G and 10G network traffic for detailed analysis, including forensic analysis of past events, Expert Analysis for troubleshooting, voice and video over IP metrics, and critical network metrics like Top Talkers and Top Protocols.

Each Omnipliance features both powerful network recording for capturing terabytes of traffic with no packet loss, and award-winning OmniEngine Enterprise software for performing real-time analysis of live network traffic and forensic network analysis of recorded traffic.

Omnipliances are built for speed. They enable IT organizations to monitor and troubleshoot all the activities running on 1G and 10G networks—everything from ecommerce transactions to VoIP calls—without having to settle for analysis compromised by dropped packets, vague sampling, or high-level statistics.

## The Omnipliance Difference

The new Omnipliances mark an evolutionary step forward in network analysis, recording, and forensics. They deliver:

### More power in a smaller footprint.

The high-performance architecture of Omnipliances enables them to capture 1G and 10G line-rate data to disk with no data loss while consuming half the rack space of competitive solutions. Omnipliances deliver more comprehensive traffic capture and more analytical power while consuming less storage, less cooling, and less electrical power.

### Greater precision.

Instead of simply collecting network statistics and flow data, Omnipliances capture complete network traffic for real-time monitoring and forensic analysis. Having access to every bit in every packet can be invaluable when investigating security attacks, troubleshooting voice or video over IP traffic, and verifying online transactions.

### Better price/performance.

Omnipliances provide superior power and precision at a price significantly lower than other network forensics products, especially those that require significant external storage to keep up with today's high-speed networks.

With access to captured traffic and advanced tools for network analysis, IT engineers can:

- Troubleshoot network performance issues, including hard-to-diagnose issues that occur only intermittently.
- Keep business-critical services like voice over IP running smoothly.
- Perform transactional analysis with the “ultimate audit trail” for transactions, such as e-commerce transactions, where every network packet matters.
- Find proof of security attacks, including data breaches, suggested by alerts raised by other security tools.

### Powerful, real-time network analysis platform



## Omnipliance Benefits

### Greater flexibility.

Omnipliance CX and MX support any combination of OmniAdapter 1G and 10G cards. Instead of deploying separate appliances for monitoring 1G and 10G segments, IT organizations can combine 1G and 10G interface cards in a single chassis.

### Greater breadth of analysis.

Each Omnipliance supports a Forensics Capture, which is optimized for post-capture forensic analysis, and a Monitoring Capture, which is optimized to produce more detailed expert and statistical data in real time.

### Continuous insight.

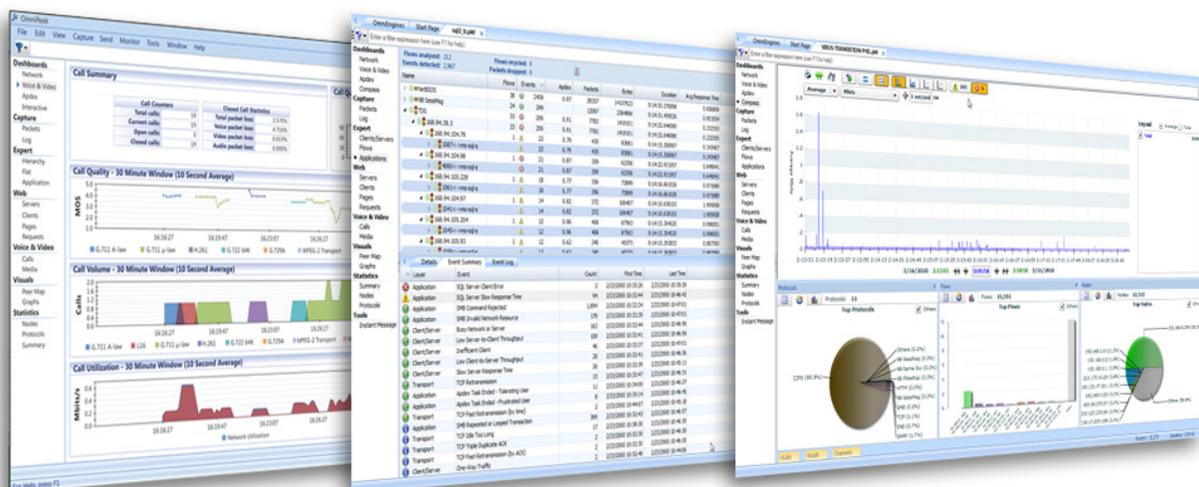
Enterprises can capture data 24/7 so that live traffic is always available for monitoring and recent traffic is always available for forensic analysis.

### Essential details for voice and video over IP analysis.

As part of their voice and video over IP analysis, Omnipliances include complete signaling and media analyses as well as a Call Detail Record (CDR), providing full visibility into calls and video streams as well as comprehensive, real-time statistical and quality-of-service reports for baselining. IT engineers gain access to call data and can replay calls for troubleshooting. Call quality is assessed at both ends. WildPackets VoIP analysis is based on actual call data, not summary data from a VoIP vendor's call manager.

### Improved collaboration.

Omnipliances store captured traffic in industry-standard packet-capture files, which can be easily shared when IT engineers collaborate on root cause analysis.



VoIP Analysis

Expert Analysis

Continuous Monitoring

## Omnipliance Options

Omnipliance CX and MX can be used to monitor and record 1G and 10G traffic. Appliances and network interfaces can be combined to create a scalable solution for capturing and monitoring hundreds of terabytes of high-speed traffic.

### Omnipliance CX

The Omnipliance CX, WildPackets' most affordable network analysis and recorder appliance, is an ideal solution for monitoring less demanding 1G and 10G networks and remote locations such as branch offices.

Omnipliance CX Configurations:

- Pre-loaded, tested, and fully integrated OmniEngine Enterprise software
- Available with 4TB, 8TB, or 16TB of storage
- Supports up to 2 OmniAdapter network analysis cards consisting of any combination of OmniAdapter 1G and OmniAdapter 10G MX

### Omnipliance MX

The Omnipliance MX is a powerful, affordable network analysis and recorder appliance for capturing and analyzing traffic from more demanding 1G and 10G networks, including data centers, NOCs, and WAN links.

Omnipliance MX Configurations:

- Pre-loaded, tested, and fully integrated OmniEngine Enterprise software
- Available with 16TB or 32TB of storage
- Supports four OmniAdapter network analysis cards consisting of any combination of OmniAdapter 1G and OmniAdapter 10G MX

## OmniAdapter™ Analysis Cards

### OmniAdapter 1G

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

### OmniAdapter 10G MX

WildPackets' OmniAdapter 10G MX is a robust, PCI Express 10G network analysis card with 2x10 Gbps optical interfaces that has been optimized for monitoring and troubleshooting traffic on less demanding 10 Gigabit Ethernet networks.

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## About WildPackets

*WildPackets, Inc., founded in 1990, develops network and application analysis solutions that enable organizations of all sizes to analyze, troubleshoot, optimize, and secure their wired and wireless networks. WildPackets has more than 6,000 customers, and its products are sold in over 60 countries in all industrial sectors. Customers include Safeway, Boeing, Siemens, AT&T, Motorola and over 80% of the Fortune 1000. For more information, please visit [www.wildpackets.com](http://www.wildpackets.com).*



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