

# Omnpliance TL: The Most Powerful Real-time Network Analysis and Recorder Appliance Available Anywhere

*A Powerful, Precise, and Affordable Solution for 10G and 40G Networks*

## Keeping Your Fastest Networks High-performing, Secure, and Reliable

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, even on 40G segments. They need both real-time and historical analysis for every type of network segment, and this analysis 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.

## Introducing WildPackets Omnpliance TL: The Most Powerful Analysis Solution Available Anywhere for 10G and 40G Networks

WildPackets' Omnpliance TL gives IT organizations the network monitoring, recording, and troubleshooting solution they need to keep up with today's highly utilized, high-speed networks.

Omnpliance TL sets a new standard, offering unsurpassed network traffic collection and recording, the most complete set of real-time statistics, quick data rewinding, simultaneous real-time network monitoring, and rapid search and forensic analysis of collected data. With Omnpliance TL, network issues of any type on 10G and even 40G networks can be identified, analyzed, reconstructed, and resolved quickly and efficiently.

Each Omnpliance TL features both powerful network recording for capturing up to 128 terabytes of traffic with no packet loss, and award-winning OmniEngine Enterprise software for performing real-time and forensic analysis of network traffic.

IT organizations can use Omnpliance TL to monitor and troubleshoot all activities—everything from ecommerce transactions to VoIP calls—without having to settle for analysis compromised by dropped packets, vague sampling, or high-level statistics.

As networks get faster, 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 with estimates and generalities. Or worse, they drop packets and report erroneous data.

But IT organizations don't have to sacrifice precision for speed. Wildpackets' powerful and precise Omnpliance TL captures and analyzes traffic even on your busiest 40G segments.

## The Omnipliance Advantages

WildPackets 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 the Omnipliance TL enables it to capture 10G (line-rate) and 40G 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, the Omnipliance TL captures 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.

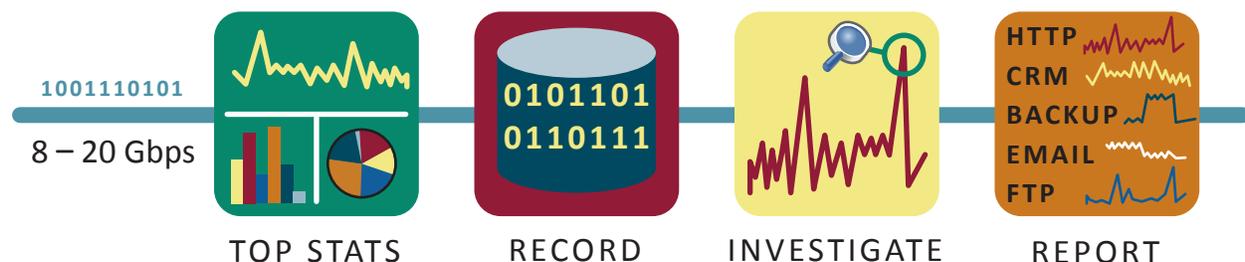
### Better price/performance.

Omnipliance TL provides 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, high-speed network forensics



## Omnipliance Benefits

### Highest performance.

Omnipliance TL captures and monitors sustained traffic rates of up to 20Gbps, recording all packets to disk without data loss for forensics analysis.

### Greater flexibility.

Omnipliance TL supports any combination of OmniAdapter 10G and 40G cards. Instead of deploying separate appliances for monitoring 40G, 10G, and 1G segments, IT organizations can combine 1G, 10G, and 40G 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.

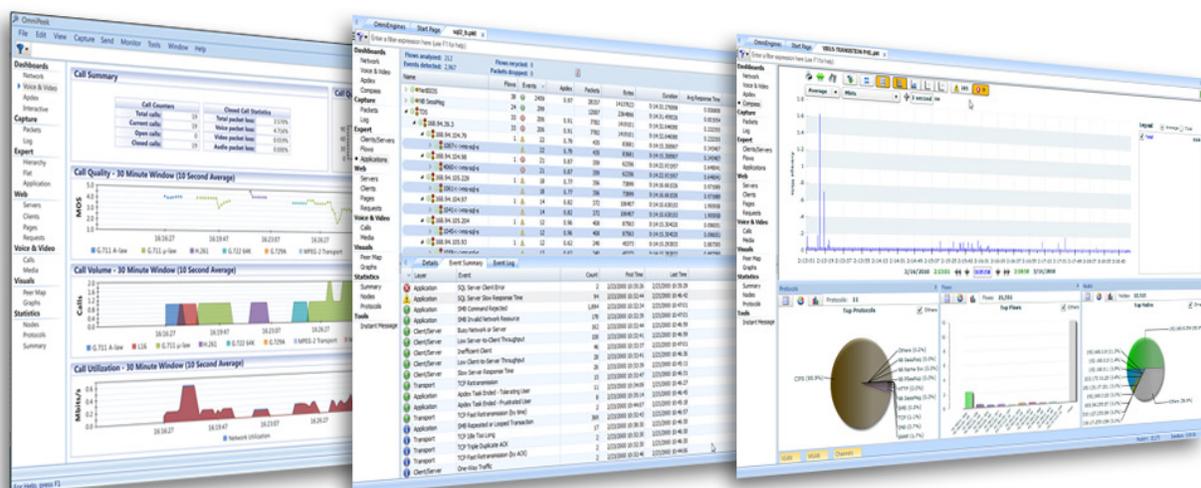
Enterprises can capture data 24/7 so that live traffic is always available for monitoring and recent traffic is always available for forensic analysis.

### 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.



## Omnipliance TL Options

The Omnipliance TL is an ideal solution for monitoring busy high-speed networks. In a 3U chassis, the Omnipliance TL provides real-time recording, monitoring and forensic analysis for up to 64TB of recorded traffic. Optional OmniStorage disk arrays allow the internal storage of the Omnipliance TL to be doubled, increasing the capacity of a single Omnipliance TL to 128TB.

Omnipliance TL Configurations:

- Pre-loaded, tested, and fully integrated OmniEngine Enterprise software
- Available with 32TB, 48TB, or 64TB of internal storage and 32TB, 48TB, or 64TB of external OmniStorage arrays
- Supports up to 4 OmniAdapter network analysis cards consisting of any combination of OmniAdapter 1G, OmniAdapter 10G, and OmniAdapter 40G

## OmniStorage™ Disk Arrays

The storage capacity of any Omnipliance TL can be doubled through the addition of an OmniStorage disk array. OmniStorage disk arrays are available in configurations of 32TB, 48TB, or 64TB.

## 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

The OmniAdapter 10G is a high-performance, PCI Express, full-duplex 10 Gigabit network analysis card with 2 or 4x10 Gbps optical interfaces that has been optimized for monitoring and inspecting traffic on 10G networks.

### OmniAdapter 40G

The OmniAdapter 40G is a high-performance, PCI Express 40G network analysis card with 1x40Gbps optical interface that allows an Omnipliance TL to capture and analyze data on 40G 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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