

# AIOps Insights Powered by Omnis Sensor

## Redefine Operational Intelligence with Curated, High-Fidelity, Packet-Derived Telemetry

### HIGHLIGHTS

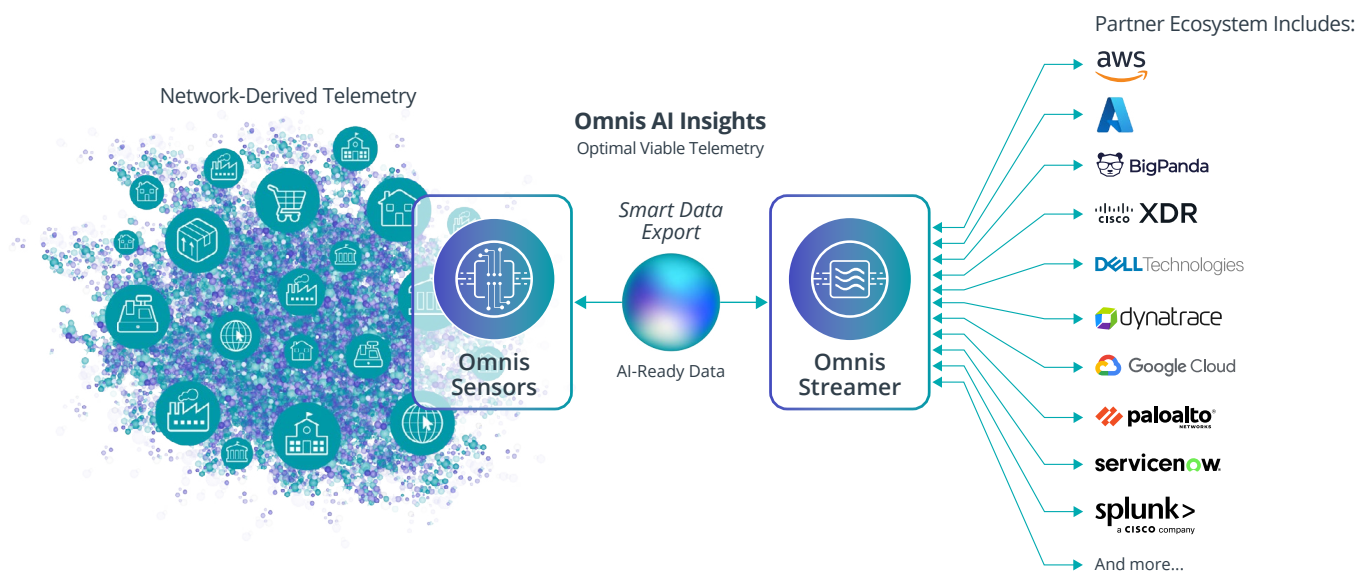
- A scalable sensor architecture generates high-fidelity, protocol-level telemetry across the network, spanning data centers and cloud environments, derived from deep packet inspection (DPI). This metadata is transformed by Adaptive Service Intelligence® (ASI) into NETSCOUT Smart Data, forming curated datasets that support AIOps and analytics initiatives.
- Integrated Omnis AI Insights solution technology is available as appliance and software running on certified & qualified COTS hardware.
- Export feeds can be streamed through pipelines or ingested into repositories such as data lakes, supporting integration with observability and security platforms.

Better data leads to better business decisions. As organizations adopt AIOps to modernize and streamline operations, the need for curated, high-fidelity operational data becomes more critical to driving stronger outcomes and more informed decision-making. Giving organizations access to the telemetry data they need, with the fidelity and context to support AI and ML models, helps accelerate growth and evolve operations through more effective automation and analysis.

With the right data, disruptions, that might otherwise take days to fix, can be resolved in just minutes, reducing the negative effects on business operations and user experience. Harnessing high-fidelity telemetry enriched through deep packet inspection (DPI) enables companies to solve business and application problems like never before.

The NETSCOUT® Omnis® Sensor is purpose-built to help companies achieve their most ambitious business goals. It is designed to enhance service performance by gathering protocol-level, session-aware telemetry with DPI-derived metadata at the source to accelerate troubleshooting. Through NETSCOUT's Omnis® Streamer, a component of NETSCOUT's Omnis AI Insights solution, this telemetry data can be easily ingested into data lakes or seamlessly streamed to NETSCOUT partners such as Splunk, ServiceNow, and others using export formats like Kafka, CSV, or JSON.

Through its unique scalable architecture, sensors collect invaluable intelligence to deliver unparalleled business insights crucial for optimizing performance and ensuring the overall health and security of networks, applications, and services. The Omnis Sensor is the first step in providing the 'high-octane fuel' organizations need to sharpen their competitive edge and unlock their true potential. As organizations embrace AIOps, automation, and digital transformation, the Omnis Sensor delivers a curated, high-fidelity dataset derived from packet telemetry—playing a critical role in driving these initiatives forward.



Omnis AI Sensors are strategically deployed at key network vantage points to generate real-time Smart Data on a wide array of critical metrics required to drive successful AIOps and security initiatives. It plays a pivotal role in assisting organizations' business initiatives including:

- Application and service performance
- Cloud migration projects
- Asset management
- Service level objectives
- Application certificates management
- Unified communications
- Cybersecurity (threat detection, investigation, and compliance)

## Omnis AI Insights Solution

The Omnis Sensor is a critical component of the Omnis AI Insights solution, which also includes the Omnis Streamer and the Omnis AI Feed. The Streamer allows for precise decision-making—enhancing enterprise efficiency for rapid troubleshooting of complex environments. The Sensor generates high-fidelity, packet-derived metadata. The Streamer organizes this metadata into domain-specific export feeds, which collectively form the Omnis AI Feed. These feeds, tailored for different use cases, help IT organizations improve business continuity, security, and application and service performance. These export feeds also enhance the value of other data sources such as logs, metrics, and application performance data by improving correlation, adding context, and strengthening observability across complex environments. For organizations already using InfiniStreamNG®, CyberStream®, or vSTREAM®, Omnis Sensor Adaptors extend the same Smart Data generation across existing deployments—protecting prior investments while expanding AI-ready capabilities.

Product SKU	Short Description
Z-04802-00S-2	Omnis Sensor Certified software, includes NETSCOUT 2-Port 100G ASI Accelerator NIC (QSFP28), 2-socket, for use with C-04800 series certified appliance hardware
Z-04895-00S-2	Omnis Sensor Certified software, includes NETSCOUT 4-Port 10G/1G ASI Accelerator NIC (SFP+), 2-socket, for use with C-04800 series certified appliance hardware
Z-02795-00S-1	Omnis Sensor Certified software, includes NETSCOUT 4-Port 10G/1G ASI Accelerator NIC (SFP+), 1-socket, for use with C-02700 series certified appliance hardware
Z-04807-00S-2	Omnis Sensor Qualified software, includes NETSCOUT 2-Port 40G ASI Accelerator NIC, 2 socket, (QSFP+), 2-socket, for use with C-04800 series certified appliance hardware

## LEARN MORE

For more information, please visit NETSCOUT online:

[www.netscout.com/solutions/omnis-ai-insights](http://www.netscout.com/solutions/omnis-ai-insights)



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