

AIOps Insights with Omnis AI Sensor

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

HIGHLIGHTS

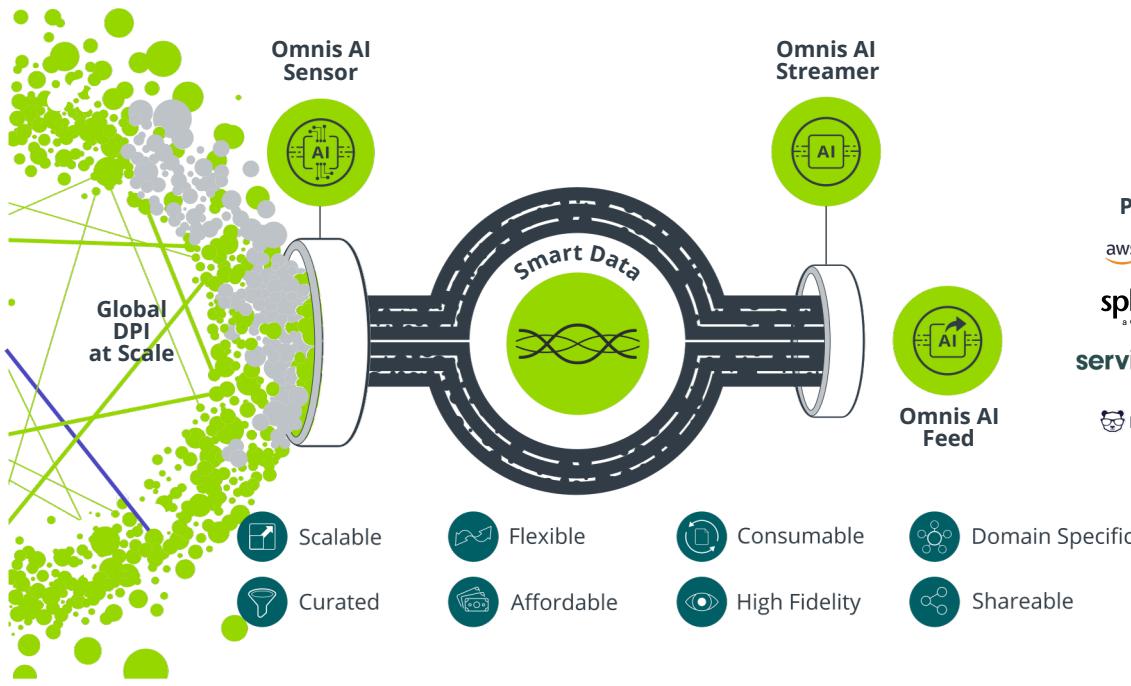
- Scalable sensor architecture generates high-fidelity, protocol-level telemetry across the network, including on-premises and cloud, derived from deep packet inspection (DPI). This metadata forms a curated dataset for AIOps and analytics initiatives.
- Integrated Omnis AI Insights solution technology is available as appliance and software running on certified & qualified COTS hardware.
- Export feeds can be streamed through pipelines or ingested into data lakes and are compatible with analytics partners such as Splunk, ServiceNow, and others.

Better data means better business decisions. As many companies are leveraging AIOps solutions to help modernize and streamline their operations, the need for curated, high-fidelity operational data has never been more essential for driving superior business outcomes and more informed decisions. Empowering organizations with the critical telemetry data they need, in the way they need it, accelerates revenue and growth and evolves operations by implementing machine learning (ML) and artificial intelligence (AI) models to enhance and automate processes.

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™ AI Sensor was 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™ AI 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 AI 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 AI Sensor delivers a curated, high-fidelity dataset derived from packet telemetry—playing a critical role in driving these initiatives forward.



Omnis AI Sensor instrumentation can be strategically deployed at network vantage points to collect real-time information 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)

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For more information, please visit NETSCOUT online:

www.netscout.com/solutions/omnis-ai-insights

Omnis AI Insights Solution

The Omnis AI Sensor is a critical component of the Omnis AI Insights solution, which also includes the Omnis AI Streamer and the Omnis AI Feed. The Omnis AI 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 extracts and 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.

Product SKU	Short Description
Z-04802-00S-2	Omnis AI 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 AI 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 AI 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 AI 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



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