NETSCOUT

NETSCOUT Delivers Double-Digit Energy Savings for Data Center Observability Solutions

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Solutions Optimized for Reduced Energy Consumption in the AI Era

WESTFORD, Mass.--(BUSINESS WIRE)-- NETSCOUT SYSTEMS, INC. (NASDAQ: NTCT), a leading provider of observability, AIOps, cybersecurity, and DDoS attack protection solutions, today announced how the intentionally efficient design and architecture of its InfiniStreamNG solution also enables incremental advances in product energy efficiency, thus reducing operational costs and contributing to IT infrastructure sustainability.

Data center energy consumption is escalating at an alarming rate, driven by digital transformation and advancements in artificial intelligence. According to a recent International Energy Agency (IEA) report, **global data center electricity consumption is projected to more than double** by 2030, including U.S. data centers consuming more electricity than for the production of aluminum, steel, cement, chemicals, and all other energy-intensive goods combined.

NETSCOUT's nGeniusONE and InfiniStreamNG solutions are purpose-built to deliver comprehensive network visibility and analytics. Unlike multi-appliance architectures that require numerous components for different functionalities, NETSCOUT's approach centralizes capabilities within the InfiniStreamNG probe, leading to a more streamlined and energy-efficient deployment.

Key benefits of this approach include:

- Quantifiable Energy and Cost Reductions: NETSCOUT's **InfiniStream solution** has demonstrated an average **reduction in electricity consumption of 23%** based on analysis of ten customers covering more than 500 InfiniStreamNG devices, with no trade-off in optimized performance.

- Reduced Rack Space and Simplified Deployments: InfiniStreamNG's consolidated architecture reduces the number of physical appliances. This smaller footprint not only saves valuable rack space but also substantially lowers energy consumption.
- Intelligent Data Processing: Data filtering capabilities enable organizations to collect and process data only from necessary protocols and ports, reducing required compute and storage resources, as well as overall energy usage.

"By applying our deep expertise in hardware technology, we've optimized the InfiniStreamNG platform to reduce complexity, lower energy and operational costs – while delivering the network visibility required to manage today's increasingly complex environments," said Ray Jones, senior director, platform product management at NETSCOUT. "This capability is critical as organizations face mounting pressure to improve data center efficiency in response to explosive AI-driven growth."

NETSCOUT's commitment to sustainability extends beyond product design to its own operations. The company has **set science-based emissions reduction targets**, committing to reduce absolute Scope 1 (direct emissions) greenhouse gas emissions by 57.4% and absolute Scope 2 (indirect emissions from electricity) greenhouse gas emissions by 42% by FY2030 from an FY2022 baseline. These targets have been validated by the **Science-Based Targets initiative (SBTi),** and NETSCOUT is already making measurable progress toward these goals or exceeding them.

For more information about NETSCOUT's leading approach to sustainability by design, **visit our website**.

About NETSCOUT

NETSCOUT SYSTEMS, INC. (NASDAQ: NTCT) protects the connected world from cyberattacks and performance and availability disruptions through its unique visibility platform and solutions powered by its pioneering deep packet inspection at scale technology. NETSCOUT serves the world's largest enterprises, service providers, and public sector organizations. Learn more at **www.netscout.com** or follow @NETSCOUT on **LinkedIn**, **X**, or **Facebook**.

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