



FEATURES AND BENEFITS

KEY FEATURES

- Terascale streaming analytic appliance (DBMS software, system hardware, high-speed storage)
- Asymmetric Massively Parallel Processing™ (AMPP™) architecture – Best combination of SMP and MPP for terascale, complex query processing
- Patented streaming architecture – Query functions and management implemented in silicon, with data streaming at the disk level
- Integrated (appliance) package
- Industry-standard interfaces
- Full compatibility with market-leading BI tools, applications and infrastructure
- Open platform for advanced algorithmic development

KEY BENEFITS

- **PERFORMANCE**
10-100x the performance of existing data warehouse and analytic solutions
- **INTERACTIVE, REAL-TIME ANALYTICS**
Enabling ad hoc queries and complex analytics on terabytes of detailed data
- **AFFORDABILITY**
Low acquisition and ongoing administration and maintenance costs
- **MANAGEABILITY / EASE-OF-USE**
Appliance packaging and pre-tuning limit systems and database administration needs
- **LINEAR SCALABILITY**
From a few hundred GB to hundreds of TB of user data
- **FLEXIBILITY / AGILITY**
Easy addition of modular processing units for scalability and reconfiguration
- **STRUCTURAL RELIABILITY**
Full mirroring and ACID transaction management
- **LOW POWER, COOLING & SPACE CONSUMPTION**
High performance in a compact footprint

Netezza's Streaming Analytic™ Appliance Speeds Drug Discovery and Pharmacovigilance for Leading Pharmaceutical Companies

In today's demanding pharmaceutical environment, the drug discovery process for each new product consumes as much as \$1.5 billion and ten years from the point of initial molecular testing and development to final market launch. As the volume of biological data doubles every six to nine months, the need intensifies for more insightful analysis on developmental drugs, their effects on humans and inter-drug relationships. Faster discovery and rapid decision-making aimed at accelerating medicinal and product development is imperative. According to McKinsey & Company, each month that can be compressed out of the development schedule for new drugs' R&D cycles translates into as much as \$6 million in savings and can add \$100 million per month in sales for "blockbuster" pharmaceuticals.¹

Until now, it seemed impossible for pharmaceutical companies to shorten their development cycles so they could take advantage of revenue increases and cost savings. Pharmaceutical and life sciences organizations need to integrate very complex information and perform more costly, detailed analyses than most other industries in order to appropriately identify effects and relationships of each new drug. A multitude of organizational units generate enormous quantities of structured and unstructured data, resulting in inefficient, disorganized analyses and significant data latency challenges. Methods of data storage, extraction and analysis within the life sciences' disparate data management environments have grown increasingly cumbersome. To complicate matters further, most substances have several commonly used names. As the Clinical Data Interchange Standards Consortium (CDISC) standards attempt to standardize pharmaceutical terminology across the industry, pharmaceutical companies' data warehouse platforms must be similarly simplified. Sound impossible?

Not anymore.

Netezza focuses on large-scale data analysis and integration by reducing the computing complexity required to manage life sciences data. The Netezza Performance Server® (NPS®) family of terascale streaming analytic appliances brings massively parallel supercomputing techniques to bear on complex ad hoc queries and analyses with unprecedented speed and simplicity. Classes of analyses that were unrealistic or impossible because of the time constraints imposed by traditional solutions are now enabled because of the enormous increase in performance made possible through Netezza's unique integration of data management, storage and server into a single computing architecture.

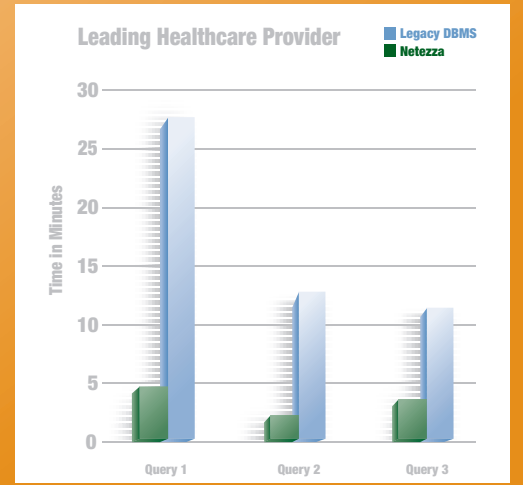
1. Perseid Software Ltd. (February 2002). Enabling the Real-Time Life Sciences Enterprise with an IT Infrastructure. http://www.emc.com/vertical/pdfs/life_sciences/emc_data_warehouse.pdf.

Proven Results: 10-100x Performance at Half the Cost

With the Netezza Performance Server system, pharmaceutical organizations have realized orders of magnitude improvement on their complex query response times with unprecedented simplicity, allowing them to address the core requirements of their discovery applications, at a low total cost of ownership.

Challenge: A leading healthcare provider is using Netezza for enterprise-critical functions including pharmaceutical analyses, dashboard analytics for supply chain management and for its hospital and pharmacy productions. Before Netezza, the organization could not effectively access all of its data, establish logical mapping procedures or executed complex BI reports in near real time. The result was a serious data latency issue in an environment that was increasingly expensive to maintain.

Result with the Netezza system: Since implementing Netezza, over 2,000 active users can readily access the system, running more than 25,000 reports each month. One resource analysis query has been reduced from 26 minutes to four, and a peer business line analysis runs in two minutes instead of 13. Analyst productivity has increased, multi-terabyte data loads can be executed in near real time and the organization now has the scalability it requires to support its growing customer base.



The Netezza Solution

The NPS system is an enterprise-class streaming analytic appliance, designed specifically for high-performance, terascale analytics. The NPS system architecturally integrates relational database, server and storage in one compact, power-efficient unit. By leveraging commodity components and the "secret sauce" of its innovative streaming architecture, Netezza systems deliver 10-100x the performance of traditional systems, at half the cost.

The NPS system's advantage is in its patented streaming architecture: Netezza has placed processing power next to the data, so data analysis occurs at the source at streaming speeds, delivering an unprecedented boost in performance. Analyses that took days now take just seconds. This means a dramatic increase in productivity across the enterprise and faster time to value for drug discovery and business initiatives. Netezza appliances are changing the way organizations leverage information, creating a powerful analytic foundation for a new generation of business analytics that improve strategic decision-making, drive results and ultimately enable the power to question everything.

Don't miss out on the opportunity to increase profits through deeper, more comprehensive analyses at half the cost of your existing system.

Learn more about Netezza by calling 1-866-Netezza or by visiting us at www.netezza.com.

About Netezza Corporation (NYSE Arca: NZ)

Netezza is the global leader in analytic appliances that dramatically simplify high-performance analytics for business users across the extended enterprise, delivering significant competitive and operational advantage in today's information-intensive marketplaces. The Netezza Performance Server® (NPS®) family of streaming analytic™ appliances brings appliance simplicity to a broad range of complex data warehouse and analytic challenges. Customers who have realized the benefits of Netezza appliances include Ahold, Amazon.com, CNET Networks, Debenhams, Department of Veterans Affairs, Epsilon, Neiman Marcus, Orange UK, Premier, Inc., Ross Stores, Ryder System, Inc., The Carphone Warehouse and Virgin Media. Based in Framingham, Mass., Netezza has offices in Washington, DC, the United Kingdom and Asia Pacific. For more information about Netezza, please visit www.netezza.com.