



## **New Storwize White Paper Describes the Benefits of Real-time Data Compression without Performance Degradation for Primary Storage**

**MARLBOROUGH, MASS., April 19, 2010** – [Storwize](#), the leader in online storage optimization solutions through real-time data compression, today announced the availability of a new white paper that details the company's unique [Random Access Compression Engine™ \(RACE\) architecture](#). RACE is the underlying technology inside Storwize STN appliances that enables real-time data compression without performance degradation.

The white paper outlines the differences between traditional/post-process storage compression and Storwize's real-time, random access method. Both approaches apply the industry-standard Lempel-Ziv (LZ) compression algorithm; however, Storwize has 35 patents or patents pending on how to make LZ compression real-time and random access, meaning that files are compressed as they are written to a network-attached storage (NAS) device without performance degradation. RACE is deterministic, ensuring consistency in its compression ratios and lossless ensuring data integrity.

Storwize is the only company that offers real-time, random access data compression of primary storage. Through the implementation of RACE, Storwize appliances can reduce storage utilization between 50 - 90 percent and dramatically reduce the overall cost of storage. Storwize helps slow the growth of storage, reducing the amount of storage to be managed, powered, and cooled.

"RACE distinguishes us in the data compression market," states Steve Kenniston, VP of Technology Strategy. "It allows us to help customers drive down storage costs while providing them with an accelerated ROI on enterprise applications without changing their storage, network, or applications."

The Storwize RACE white paper is now available. [Click here to download the Storwize Random Access Compression Engine \(RACE\) architecture white paper.](#)

### **About Storwize**

Storwize provides online storage optimization through real-time data compression, delivering dramatic cost reduction without performance degradation. Based on the Storwize's Random Access Compression Engine™ (RACE), Storwize STN appliances transparently compress primary storage between 50 and 90

percent without changes in performance, storage, applications, networks, or processes. RACE ensures that Storwize appliances deliver real-time random access and deterministic, lossless data compression to maintain reliable and consistent performance and data integrity. Storwize helps slow the growth of storage acquisition and related storage life-cycle costs, including reducing the amount of storage to be managed, powered, and cooled. Storwize is headquartered in Marlborough, MA with offices worldwide. Storwize, optimize without compromise. Visit [www.storwize.com](http://www.storwize.com).

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