Burlywood

Igniting Data Center Storage Innovation™

The Next Wave in Data Center Storage Innovation

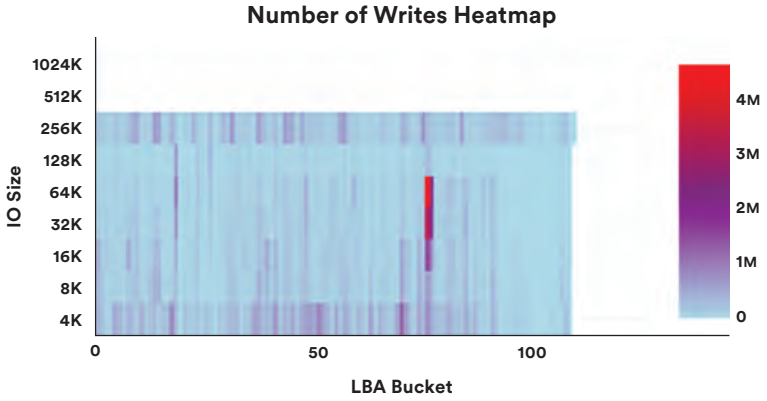
FlashOS™ SSD

FlashOS is the industry's first Software Defined SSD for the Cloud and Data Center. It offers a flash storage architecture that analyzes application behavior at the flash controller level, tunes SSD performance and features to create a perfect fit for the application.

Say good-bye to deteriorating SSD performance and hello to better production application performance.

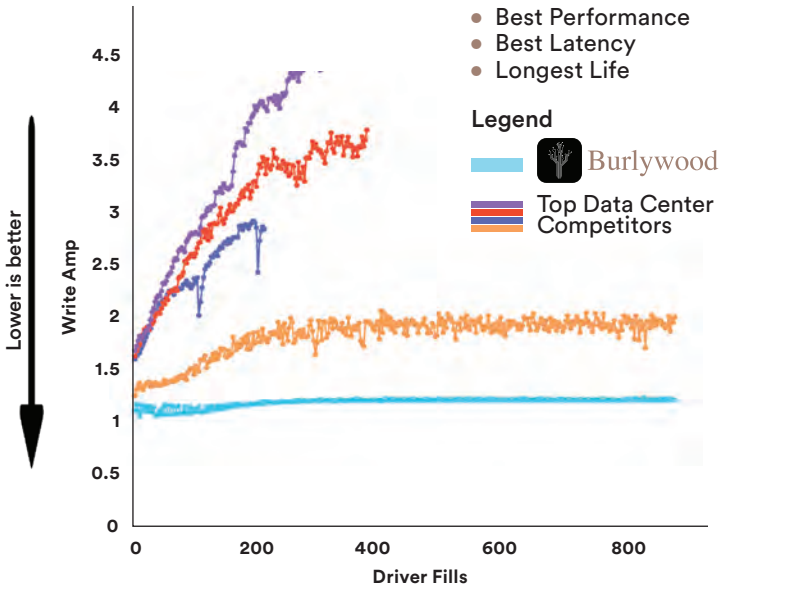
Where Visibility is Power

- New visibility into precise Data Center production workloads, and data placement intelligence to optimize performance and efficiency
- Production Workload Analysis
- Adaptive system driven by customer needs
- Storage that works in concert with and adds value to customer applications



Innovative Drivers

- A new Self-Adaptive Architecture driven by real production workload analysis
- Improved storage performance and durability, optimized for endurance
- Performance confidence for high-volume applications with massive write-heavy workloads

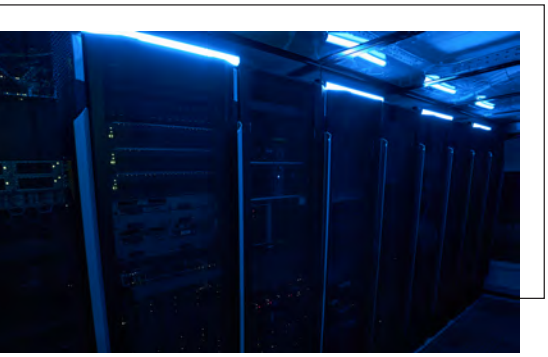


Rising WA correlates to lower write bandwidth and higher wear

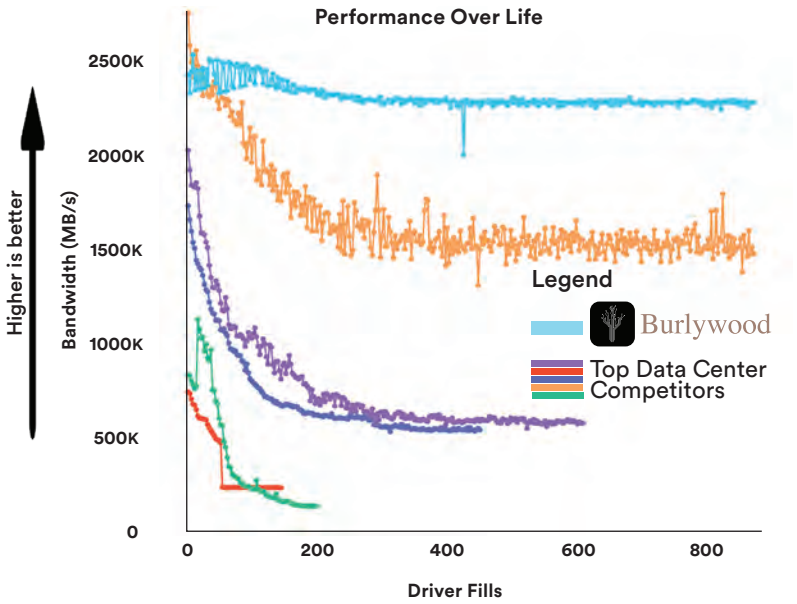
www.burlywoodtech.com | 408-320-5115 | Innovate@burlywoodtech.com

Improved SSD Performance, Latency and Reliability

- Longest lasting drive performance in the World!
- Lower **T**otal **C**ost of **O**wnership through higher **Endurance**
- Be better aligned with modern software functionality and data-heavy applications



Competitive Performance in a Customer System

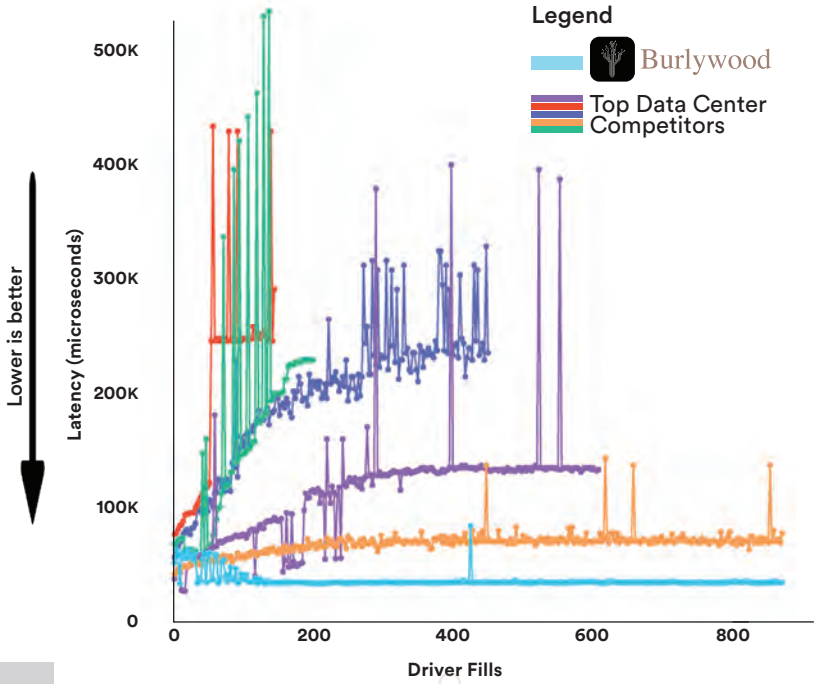


Competitors 20-75% Slower over life
Wear increases by 1.3-5x

Best in Class Latency Consistency

- Advanced software algorithms with a flexible base, enables rapid adaptation to changing production workloads
- Data Stream splitting to NAND Physical Partitions minimizes the noisy neighbor problem
- Eliminates latency spikes!

99.9% Write Latency Over life



Competition exhibits large latency increases with big spikes
Impacts application responsiveness and consistency

Form Factor	2.5”, U.3
Density	8TB, 16TB Planned, Enterprise grade eTLC 3D NAND
Interface	PCIe 4.0, Gen4 x4, NVMe 1.4
Performance (8TB) Seq Read / Write	Up to 7,000 MB/s / up to 4,000 MB/s