



CASE STUDY

Star Power: MovieStarPlanet Goes Supernova with Fusion ioMemory™ Solutions

Solution Focus

- Social Networking
- Microsoft SQL Server

“To get the same performance as a server running Fusion ioMemory™ ioDrive® devices, we would need 12 servers, each with a 12 disk array—a maintenance nightmare that would not scale efficiently.”

Daniel Helmo,
Director of IT, MovieStarPlanet

SanDisk Powered Software Stack

End User
SQL Server 2008 R2
NTFS
Windows 2008 R2
VSL 3.2.2
Fusion ioMemory™ - ioDrive® 320GB MLC

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The SanDisk® Solution

Eliminated timeouts and database crashes by moving all database data from hard disk-based storage to ioDrive solid state storage devices.

9x performance density

6x faster SQL indexing

1.5x smaller footprint

2x decrease in support cases for service desk

3x improvement in site monitoring capability

Maintenance tasks no longer affect user experience

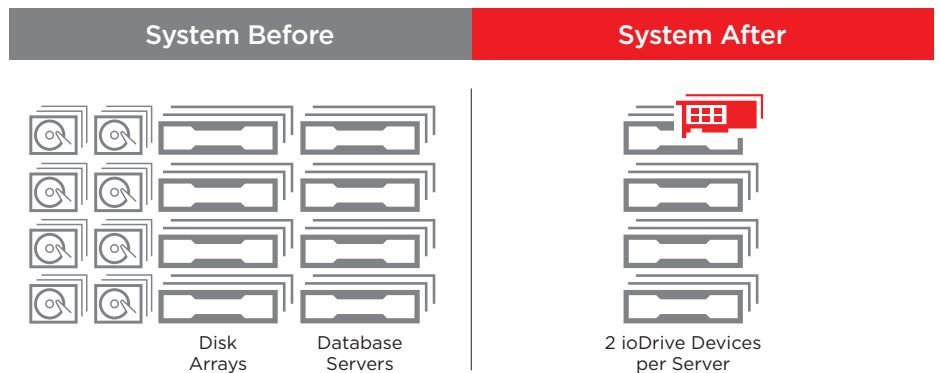
Superior reliability to HDDs

The Bottom Line

MovieStarPlanet delivers best-in-class service to a rapidly growing user base, and supports new game features even at peak usage hours with its SanDisk powered infrastructure.

- Increased quality of service
- Less IT time spent on monitoring and maintenance
- Reduced hardware and software licensing costs
- Scale to double the workload on same hardware

System Overview



Equivalent Hard-disk-based System

- 12 x 2U servers, Dual Intel Xeon processors, 2.8GHz
- OS: Windows 2008 R2
- 12 x 1U Disk arrays
- Hard disks: 8 x 15K RPM SAS drives, 600GB per server

SanDisk Powered System

- 12 x 2U Dell PE R710 servers
- OS: Windows 2008 R2
- 2 x ioDrive 320GB MLC devices per server

The performance results discussed herein are based on internal MovieStarPlanet testing and use of Fusion ioMemory products. Results and performance may vary according to configurations and systems, including drive capacity, system architecture and applications.

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