



CASE STUDY



Sports Chosun Scores with Readers and Fusion ioMemory™-Accelerated Content

Solution Focus

- Media and Entertainment
- Content Delivery
- MySQL
- Microsoft Hyper-V

Bottom Line

Improve customer service and scalability, while reducing footprint and maintenance costs.

- Reduce the costs of delivering more news content, in real-time
- Accelerate content load times to improve customer experience and loyalty
- 250% ROI per year, over five years
- Implement a simpler, more scalable, easy to upgrade system

The SanDisk® Solution

Moved database off hard disks in an expensive, high-performance server and onto an industry-standard x86 server with Fusion ioMemory products, tripling performance.

Consolidation

1/3 cost of existing system for equivalent performance

Nearly 5:1 footprint consolidation

1/12 maintenance costs

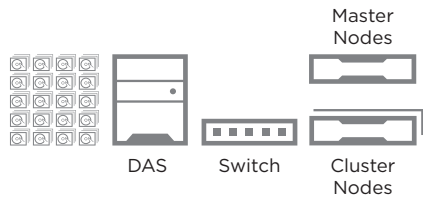
Up to 3x faster procurement times for future servers

Performance

Over 5x faster average content load times

3x faster large content load times

System Overview



SanDisk Powered Software Stack

News Readers
MySQL 5.5.21
CentOS 6.5 (in VM)
Microsoft Hyper-V
Windows 2012 DataCenter
VSL
Fusion ioMemory

Contact information

fusion-sales@sandisk.com

Western Digital Technologies, Inc.

951 SanDisk Drive
Milpitas, CA 95035-7933, USA
T: 1-800-578-6007

Western Digital Technologies, Inc. is the seller of record and licensee in the Americas of SanDisk® products.

For more information, please visit:
www.sandisk.com/enterprise



MySQL Database

Database Servers

- 3 x 4U servers, 4 x hex-core processors @2.4GHz, 4GB RAM
- OS: Windows 2012 DataCenter
- Applications: MySQL 5.5.21 on CentOS (in VM)
- Hard disks: 2 x 64GB SCSI hard drives in RAID 0 (for OS)

Storage and Network (~7U)

- SAN Switch
- DAS Array with 60 hard disks

MySQL

- Consolidated 3 high-performance database servers to one industry-standard x86 server: 2 x hex-core Intel Xeon CPU E5645 processors @2.40GHz, 32GB RAM
- Moved database off SAN storage and onto 2 x Fusion ioMemory products in a server

About Sports Chosun

Sports Chosun is the number 1 online sports news company at Korea. Its site receivers over 130 million page views from 100 million users every week. Its web site has more concurrent users than any other Korea press media companies. (Source from www.koreanclick.com 2013 Nov 26).

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

©2016 Western Digital Corporation or its affiliates. All rights reserved. SanDisk is a trademark of Western Digital Corporation or its affiliates, registered in the United States and other countries. Fusion ioMemory and others are trademarks of Western Digital Corporation or its affiliates. Other brand names mentioned herein are for identification purposes only and may be the trademarks of their respective holder(s).