

Organization

CuriosityStream, an SVOD platform

Challenge

Speed, capacity, expandability and a smaller chassis footprint to meet the high growth that the video storage and editing business demands

Solution

Infortrend EonStor DS 3060

- Up to 5,500MB/s read speed
- 4U, 60-bay high density RAID system
- High scalability - up to 360 drive support
- Multi-host support, including 16Gb/s FC, 12Gb/s SAS, 10Gb/s iSCSI
- Multipathing with ATTO's MultiPath Director™

SVOD platform CuriosityStream deploys Infortrend's EonStor DS 3060 storage to meet high read/write speed business needs

"The Infortrend solution has really saved the day for us. The RAID solution is extremely capable and with 16Gb/s FC hosts, it quadrupled our storage and network speed in one week. Additionally, its management platform and graphical user interface (GUI) is one of the cleanest and fastest I have ever seen." –Mr. Ray German, Server Manager at CuriosityStream.

CuriosityStream is a subscription video on demand (SVOD) platform that provides affordable and ad-free factual television content online to its subscribers on demand via websites, mobile apps and streaming devices. CuriosityStream was experiencing a large amount of data growth and expected this trend to continue and thus needed a new storage system to ensure the high productivity and smooth workflow necessary in its operations.

High read-write speeds a must

CuriosityStream has an Apple Xsan storage network utilizing ATTO's Thunderbolt-enabled 2162 and 2082 Desklink Devices with several applications running on it, like Final Cut Pro X, and Adobe After Effects, to which it added Infortrend's EonStor DS 3060 system to accommodate its growing storage needs. As an SVOD platform involved in video storage and editing, CuriosityStream requires high read-write speeds to support its services and the multiple editors it has simultaneously working on multiple video streams. Ray German described the performance of the Infortrend EonStor DS 3060 as "fantastic."

High density and large capacity are necessary too

Outfitted with sixty 4TB drives in a 4U height chassis, the EonStor DS 3060 boasts strong storage capacity and has a smaller physical storage footprint. After RAID 5 formatting with 5 LUNs, the EonStor DS 3060 had a 200TB capacity. The EonStor DS 3060 can be linked to expansion closures, scalable up to 2,160TB by using five expansion enclosures and 6TB drives. This means that it will be easy for CuriosityStream to expand its capacity if necessary anytime in the future.

Easy deployment and great help from Infortrend

CuriosityStream took only one week to deploy its existing storage arrays to the new EonStor DS 3060, including data migration, and used only two staff members to do so. CuriosityStream finished all this in-house and this was the first time they had deployed the EonStor DS 3060. "Since we were able to integrate the solution ourselves, I can conservatively say we easily saved \$50,000 to \$100,000 dollars. Also, when we had questions about deployment, Infortrend's support team was very helpful."

Future cooperation

CuriosityStream will be adding another EonStor DS 3060 to their SAN network if their storage needs keep growing, something Mr. German believes will happen in the near future. Mr. German summed up his experience with Infortrend and the EonStor DS 3060 by saying: "I am extremely happy with our Infortrend EonStor DS 3060 and the support the Infortrend team provided during its implementation. With one device, we were able to quadruple our storage and performance. All I can say is 'Thank you, Infortrend. Great product!'"

Large form factor, high density EonStor DS 3060

High availability and space-saving high density combine in a dual controller 4U 60-bay storage system. In addition to its large capacity and extreme reliability, EonStor DS 3060 enhances SMB and enterprise SAN/DAS applications with fast performance, modular components for convenient deployment and upgrades, strong data integrity, friendly management, and extensive software bundles.

- Up to 1.3M IOPS, 5,500MB/s read, and 2,200MB/s write
- Hybrid host interface for SAN/IP SAN/DAS in one (FC/iSCSI/SAS)
- SSD Cache and automated storage tiering
- Convenient 3-drawer modular design
- Vertical drive placement for easy push and pull



EonStor DS 3060 (4U/ 60-bay)

About CuriosityStream

CuriosityStream is a subscription video on demand (SVOD) platform created by John Hendricks, the Founder of the Discovery Channel and former chairman of Discovery Communications. It is dedicated to delivering affordable and ad-free factual television content online that can be enjoyed on demand via websites, mobile apps and various streaming devices by subscribers around the globe 24/7. Apart from producing its own original expert-interview content, CuriosityStream also provides video content about science, technology, civilization and the human spirit from the world's best television producers to enlighten its subscribers and enrich their lives. Learn more at <http://curiositystream.com>.

© 2015 Infortrend Technology, Inc. All rights reserved.

. Any information provided herein is without warranties of any kind of and is subject to change without prior notice.

. Infortrend, ESVA, SANWatch and EonPath are registered trademarks of Infortrend Technology, Inc.

. Infortrend logo is a trademark of Infortrend Technology, Inc.

. All other names, brands, or services are trademarks or registered trademarks of their respective owners.



Asia Pacific
Infortrend Technology, Inc.

Tel: +886-2-2226-0126
E-mail: sales.ap@infortrend.com

Americas
Infortrend Corporation

Tel: +1-408-988-5088
E-mail: sales.us@infortrend.com

Europe (EMEA)
Infortrend Europe Ltd.

Tel: +44-1256-305-220
E-mail: sales.eu@infortrend.com

China
Infortrend Technology, Ltd.

Tel: +86-10-6310 6168
E-mail: sales.cn@infortrend.com

Japan
Infortrend Japan, Inc.

Tel: +81-3-5730-6551
E-mail: sales.jp@infortrend.com