

Performance... On Demand

Concurrent efficiently reduces cost per video stream and improves system reliability by using STEC Zeus^{IOPS} Solid State Drive in its digital on-demand systems.

The Challenge

Digital On-Demand systems provider Concurrent Computer Corporation needed improved video streaming efficiency and enhanced system reliability.

The Solution

STEC Zeus^{IOPS} Solid State Drive: DRAM-like access times with no moving parts.

The Benefit

By using Zeus^{IOPS} SSDs in Concurrent's MediaCache instead of hard disk drives, Concurrent was able to improve overall system reliability and improve video streaming efficiency from the content library to the streaming server by 500%.

Streaming “On-Demand”

The world is moving towards an “On-Demand” model. The providers of content, information and communications are eager to deliver a myriad of media services to end-users. Google wants to provide better searches, MapQuest wants to put a map on every device, OnStar wants to be “the push button” resource for drivers, and Verizon wants to stream music, video and television to every phone, home and office. As consumers, we have come to expect our media and communication needs to be met, instantly, consistently and reliably. Going forward, the request of our “On-Demand” culture will only accelerate and drive the need for increased reliability, lower costs and improved performance in the delivery of vital data, content and associated services.

Why the push for more? High Definition (HD) formats for video and radio, larger capacity files, more precise maps and GPS services will each require greater bandwidth, reliability and consistency. This case study looks at how one “On-Demand” leader in infrastructure solutions is preparing to improve the current generation of services and seamlessly prepare content providers for the future.

For complete casestudy, please send an inquiry to zeusiops@stec-inc.com