



STORAGE VISIONS® 2015

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AN ENTERTAINMENT STORAGE ALLIANCE™ EVENT



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TITLE

Accessing Mass Storage with SAS

ABSTRACT

Serial Attached Storage (SAS) technology is the critical storage interconnection fabric that's become well entrenched in nearly every aspect of enterprise storage and serves an important role within tiered-storage solutions. As more media professionals in networked production environments rely on shared storage solutions that have transformed production facilities everywhere, SAS is more prevalent than ever before.

This talk will include an up-to-the-minute recap of the latest additions to the SAS standard and roadmaps. The speaker will look at how the addition of MultiLink™ SAS maximizes the performance inherent in low-latency storage devices such as SSDs while preserving existing storage management investments, leveraging existing SAS infrastructure and exploiting the inherent parallelism of its architecture. The speaker will also discuss 12Gb/s SAS and its ability to address the needs of the digital media and entertainment market. The future of SAS, with technologies like Zoned Block Commands, Express Bay, atomic writes, remote copy and 24Gb/s SAS will also be addressed.

BIOGRAPHY

Marty Czekalski brings twenty years of experience in architecture development for Storage and IO subsystem design, ASIC, and Solid State Storage Systems. Prior to his role as Sr. Staff Program manager at Seagate, he served in management roles at Maxtor, Quantum and Digital Equipment Corporation. Marty serves as President of the SCSI Trade Association, is an active member of T10, SNIA, and JEDEC and was a founding member of the Working Group that led to the development of SAS. Marty earned his MS degree in EE from the University of Maryland, and his BE degree in EE from the Stevens Institute of Technology.