

STORAGE VISIONS® 2018

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AN ENTERTAINMENT STORAGE ALLIANCE™ EVENT



Chet Mercado, Western Digital Corporation, SCSI Trade Association

TITLE

Scale Your Data Center with SAS

ABSTRACT

As SSDs become increasingly common, it's important to select a highly-scalable storage protocol with a strong feature roadmap designed to take advantage of the unique properties of random access, memory-based storage. During this session, Chet will discuss how 24Gb/s SAS retains significant advantages when deployed in enterprise solutions as compared to protocols that rely on PCIe as the underlying data transport. He will help the audience learn about how SAS can help them in the real world with its ability to significantly scale, manageability, true HOT swap capability and error handling at a system level. Applications driving 24Gb/s SAS, the ecosystem it operates in and the underlying technology will be addressed.

New digital storage interfaces don't currently meet all the requirements: it has to be dependable and scalable. It has to make financial sense. If you have to scale. It's not that there's only one: they are complementary, but when you're talking about connecting persistent storage, data protective storage, scale/capacity. Continuing to innovate by adding new features. We are investing in both the PHY and the protocol layer to solve the modern advancements in storage.

BIOGRAPHY

Currently serving as a Technical Marketing Engineer in the Devices Business unit at Western Digital, Chet is a 23-year veteran of the data storage market. His current focus is on ecosystem enablement of Western Digital's enterprise class drive products. Chet began his career designing high end workstations and data center storage for Western Micro Technology, a specialized components and systems products distributor. After building up several integration centers at multiple channel distributors, he joined IBM's Storage Technology group to focus on device level development and support. He has held several product marketing and support roles, as that division got acquired by Hitachi Global Services Technologies and then finally Western Digital Corporation. Chet graduated from California State University Hayward with a dual degree in Business Administration and Computer Information System.