

STORAGE VISIONS® 2018

October 22-23, 2018 at the Hyatt Regency, Santa Clara, CA

AN ENTERTAINMENT STORAGE ALLIANCE™ EVENT



Scott Shadley, NGD Systems

TITLE

A New Storage Paradigm, Moving Compute to Data for Intelligent Storage Solutions

ABSTRACT

The data tsunami keeps growing, and organizations must do more with the massive amounts of data they collect. Intelligent storage brings processing power where the data is, avoiding time and bandwidth-consuming transfers and reducing the strain on network capacity and central processing nodes. It can actually execute many important algorithms, including those needed for AI, machine learning, signal and image processing, and real-time analytics. It also makes systems scalable - adding more nodes provides the ability to handle future exabyte and zettabyte data stores. Case histories are available today, showing how computational storage greatly improves the performance of financial, database, robotics, security, surveillance, biotechnology, and military/defense applications.

BIOGRAPHY

Scott Shadley, Storage Technologist and VP of Marketing at NGD Systems, has more than 20 years of experience with Storage and Semiconductor technology. Working at STEC he was part of the team that enabled and created the world's first Enterprise SSDs. He spent 17 years at Micron, most recently leading the SATA SSD product line with record-breaking revenue and growth for the company. He is active on social media, a lover of all things High Tech, enjoys educating and sharing and a self-proclaimed geek around mobile technologies.