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TITLE

Caching: The Killer App for SSD Technology

ABSTRACT

It is generally understood that SSD's are "high-performance, but have a high cost/bit", and HDD's are "low-performance, but have a low cost/bit". Consumers love this idea of SSD performance, but as an HDD replacement, the economics simply hasn't worked in the PC market. Using a small SSD as a "high-performance" cache for the HDD makes more sense: get SSD performance across the full storage capacity of the HDD – at a fraction of the cost of a full-sized SSD.

In this presentation, we explain how caching improves system performance and is the critical factor (i.e., killer app) for greater adoption of SSDs in the consumer market

BIOGRAPHY

Kevin Silver is the Vice President of Business Development at NVELO where his efforts are focused on developing new business opportunities, manage early-stage partnerships, and expand key client relationships for NVELO's Dataplex™ flash cache software products. Prior to NVELO, he held various positions during his for 12 years at Denali Software, most recently as vice president of business development. Kevin has been an active participant in various industry organizations including, JEDEC, EDAC, and the ONFi and NVMHCI working groups. Mr. Silver holds a BS in Electrical Engineering from Washington State University.