



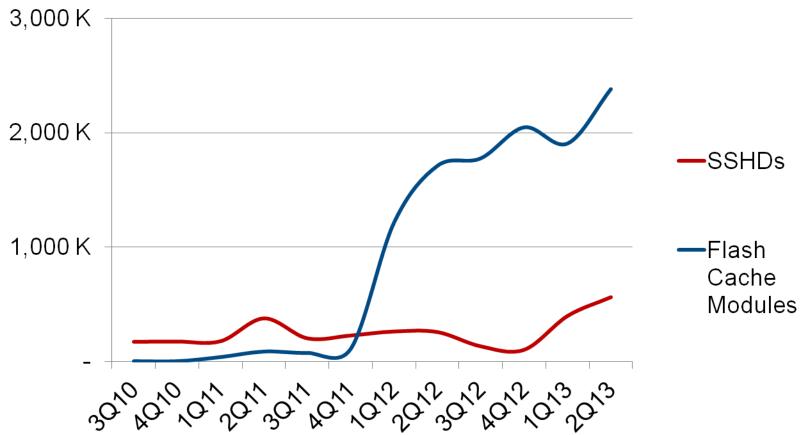
### Solid State Hybrid Drives Help Meet Today's Storage Demands

Session 101-C, Flash Memory Summit, 2013

John Rydning Research Vice President

# State of the State: Storage Caching Adoption in PCs

#### **Quarterly Shipments**





# SSHD Challenges: Short Term and Long Term

### Short-Term:

- SSHD Form Factor
- Standardization
- Interchangeability

### Long-Term

- Marketing
- Promotion
- SSDs (at "good enough" capacities)



# **SSHD Operating Modes**

#### • Self Optimized Mode:

The SSHD works independently of the PC operating system to make decisions about identifying data to be stored in NAND memory.

### • Host Optimized Mode (or Host Pinning Mode):

The SSHD enables an extended set of SATA commands that allow the host operating system to make decisions about identifying data to be stored in NAND memory.

Source: Wikipedia







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