

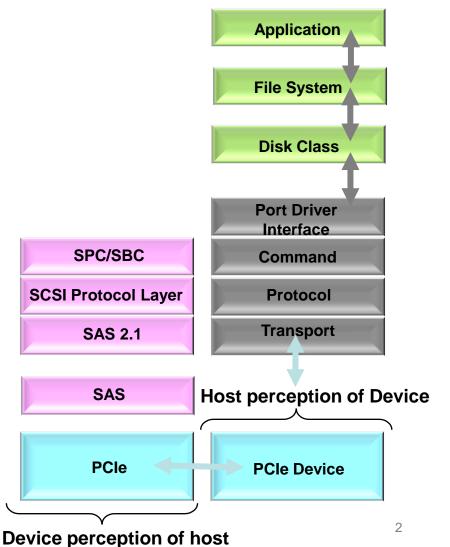
SESSION 101: WHICH INTERFACE WILL BE BOSS FOR SOLID STATE STORAGE?

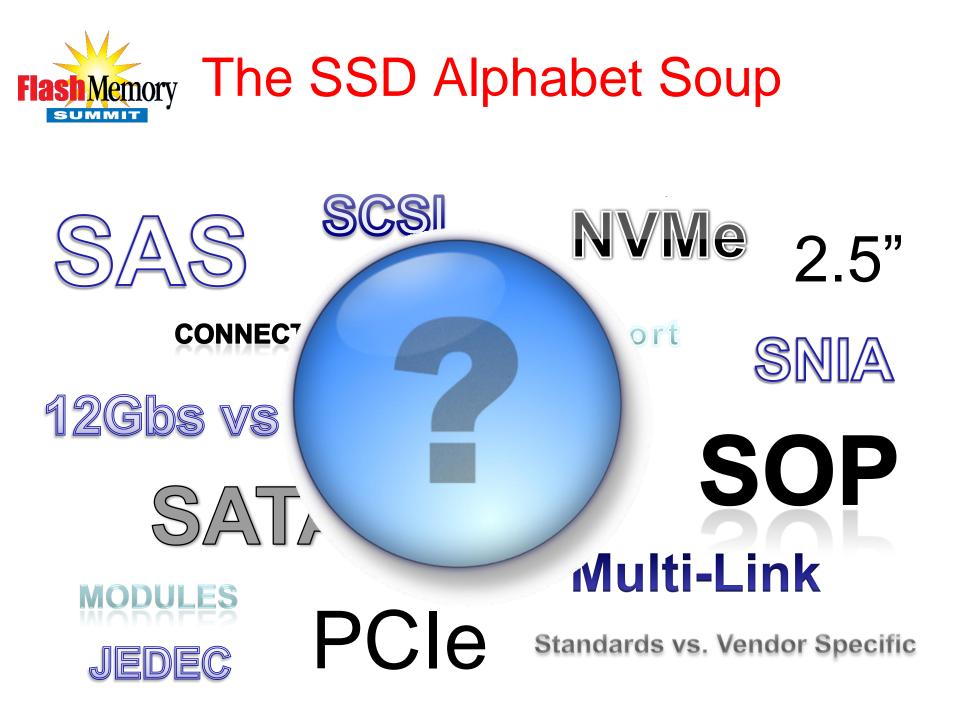
Chairperson: Jeff Janukowicz Research Manager – IDC jjanukowicz@idc.com



Market Requirements Driving Solid State Storage Solutions

Performance Latency **Bandwidth** Scalability Total Cost of **Ownership** Power Solution robustness Serviceability Sourcing options







	Jimmy Daley	Director, Smart Storage
IBM.	Andy Walls	Distinguished Engineer; Storage Hardware Architecture, IBM
LSI	Steve Johnson	Distinguished Engineer and architect
Seagate	Marty Czekalski	Planning & Development Sr. Staff Program Manager
(intel)	Mark Myers	Server Platform Architect, Principal Engineer
EMC ² where information lives [®]	Bob Beauchamp	Distinguished Engineer and Director Hardware Technology & Architecture
DØLL	Gary Kotzur	Distinguished Engineer and Director of Dell's NGCS (Next Generation Computing Solutions) Storage Advanced Engineering group



Standards and Specification Soup

Industry IDEMA FCIA STA SNIA										
Formats		OS	TA (MPV	 Multimedia file formats: CIPA (JPG,DCF), MP3, VC1 						
TCG SWGIEEE 1667IEEE 1619 .1/.3GSMISO 7816.XTransport-Independent Abstractions										
Transport API	T10 CAP (SOP)		T13	AHCINVMe]				
T10 PQI	T10 SAS	T11	SATA- IO			UFS	USB-IF	SDA		
Hardware Interface CFA			CFA	PCle	PCI-SIG					
Hardware Design				ONFI	JEDEC JC14.1, JC42.4, JC64.8 SFF			F		