



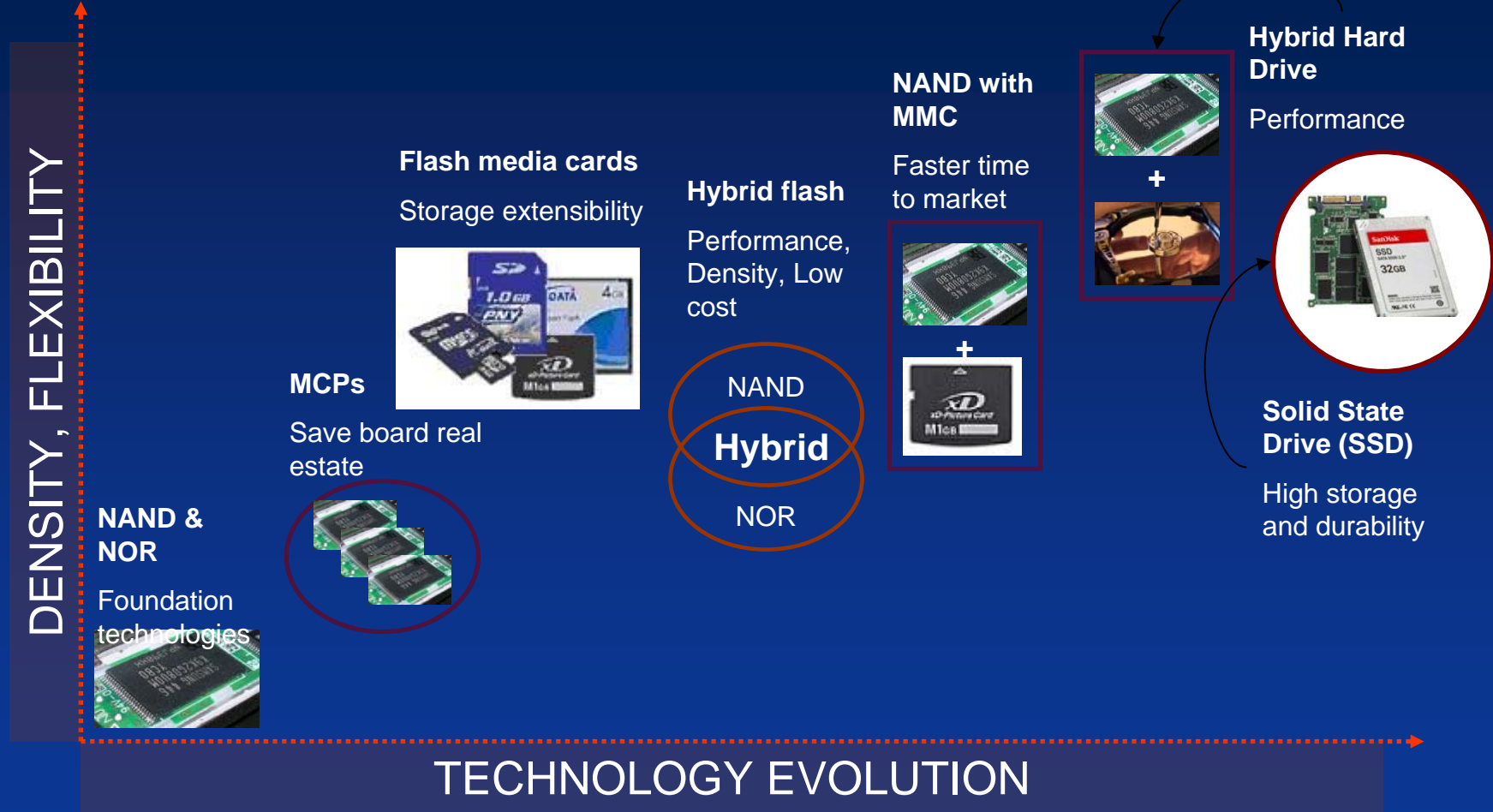
# Not Your Father's Storage Medium



Robert Krantz,  
*Manager of Customer  
Support Services*

# Flash Storage Options

## Drive Densities Increasing Page Sizes



# Challenging Legacy Thinking

Legacy	Modern
Must sacrifice performance for reliability	We can produce a reliable file system with high performance
File system mount times increase with drive density	File systems must mount consistently regardless of disk density
Reliability is a function of hardware	File systems must be inherently reliable

# Moving File Systems Forward

Vendor	Solution	Advantage
Datalight	Reliance	Reliability and performance
Microsoft	ExFAT	Exchangeable, large page support
Wind River	HRFS	Reliability for hard drives
Mentor Graphics	File 3.1	Exchangeable, VFS
Linux	EXT-3	Reliability, Security, & performance