imagine

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Chief Executive Officer
Co-Founder
Reaching the Next Level Requires a Disruption
The Opportunity: One Per Household

Clearly Something Changed
Flash: The Full Impact Hasn’t been Felt Yet
Density
Byte Addressable In Nanoseconds
Persistent
Cost Effective
Scalable
### DRAM MEMORY

- **Performance**: ✓
- **Persistence**: ✗
- **Capacity**: ✗
- **Endurance**: ✓
- **Cost**: ✗

### FLASH MEMORY

- **Performance**: ✗
- **Persistence**: ✓
- **Capacity**: ✓
- **Endurance**: ✗
- **Cost**: ✓
CONVERGED

Performance
Capacity
Cost
Persistence
Endurance
Key Ingredients Of Converged Memory

Memory Expansion

Cacheline Persistence (with NanoCommit™)

Memory Channel Storage™
Memory Expansion
Cacheline Persistence via NanoCommit™ Technology

- 700M Random Cachelines/Sec
- 48ns Per Cacheline
- Holy @$#&!
Today’s In-Memory Database Platform

12TB Memory

Storage
A Platform for Change

25TB Converged Memory
60 Compute Threads
Efficient And Powerful Compute

Converged Memory

Intelligent Interconnect
Ingest Unstructured Data From Everywhere At Phenomenal Rates

Create/Destroy/Manipulate Objects

Perform Real-Time Analysis And Computation

Scale To Meet the Demands of Any Data Set Or Problem Space
The Economics are Transformed
Partnerships Driving Change
The Coolest Stuff is Yet to Come
today