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sgi

### Top Customer Challenges

#### 1. Power

"I have a power limit of 4.5 Megawatts"

#### 2. Data

"Data has become too large to move"

#### 3. Architectures

"What should my next machine be: CPU, GPU, PHI?"









# Total Pangea



## NCAR Cheyenne



### Scale Up - SGI UV

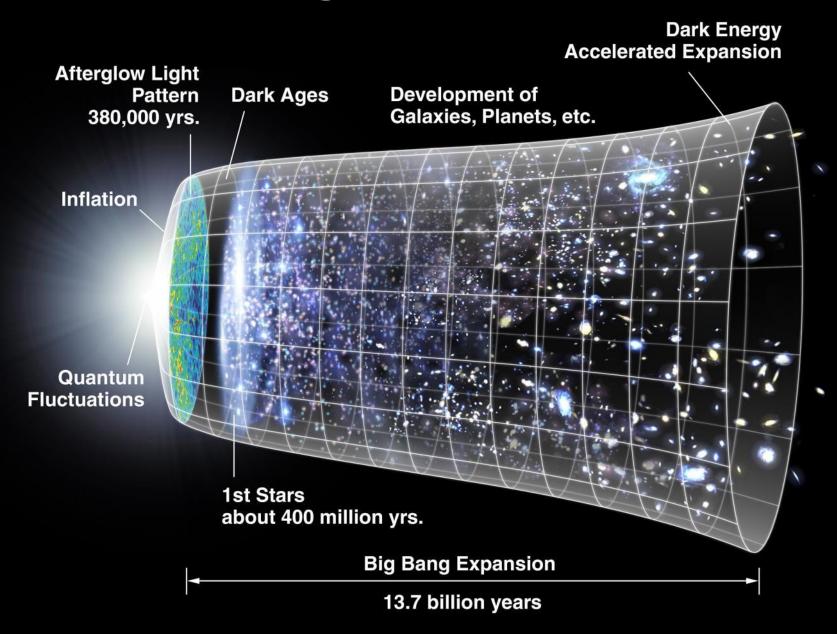
- Single System
- Up to 64TB of shared memory
- Up to 256 CPUs
- Compute- and data-intensive workloads



## COSMOS Supercomputer

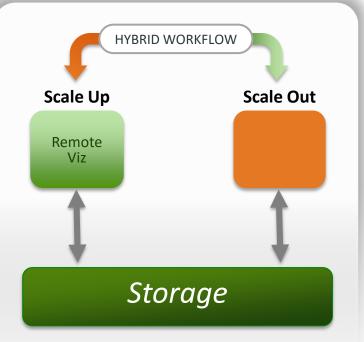


#### Understanding the Universe



### Manufacturing Workflow

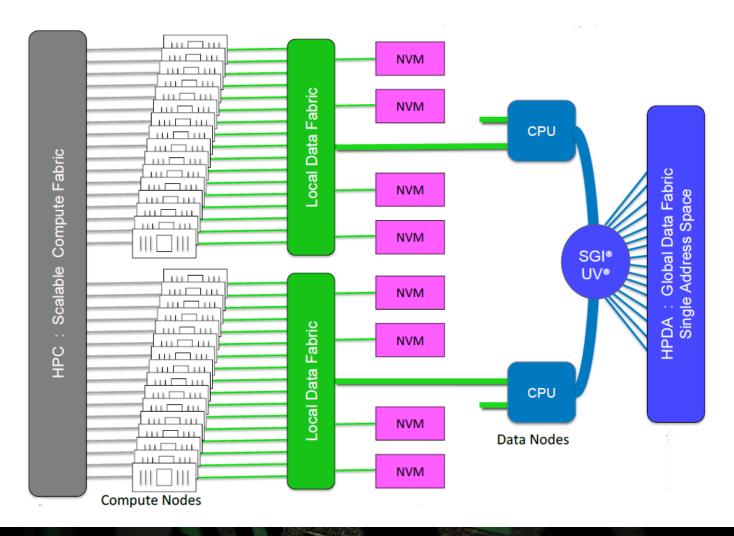




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#### ZeroCopy Architecture (ZCA)





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