WEKA.IO
Radically Simple Storage™

Bending the Rules of Reality for Faster Data Analytics

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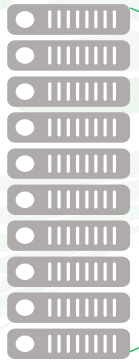
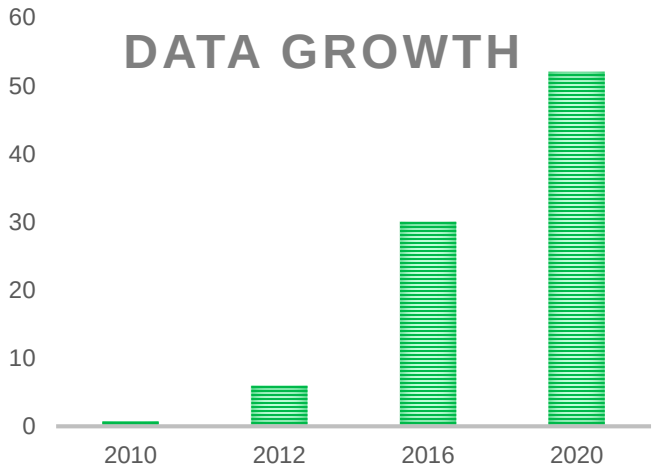
Compute Density and Data Sets Explode

10 CPU-Only Servers



1 GPU Accelerated Server

GPUs have shrunk compute infrastructure by 10x

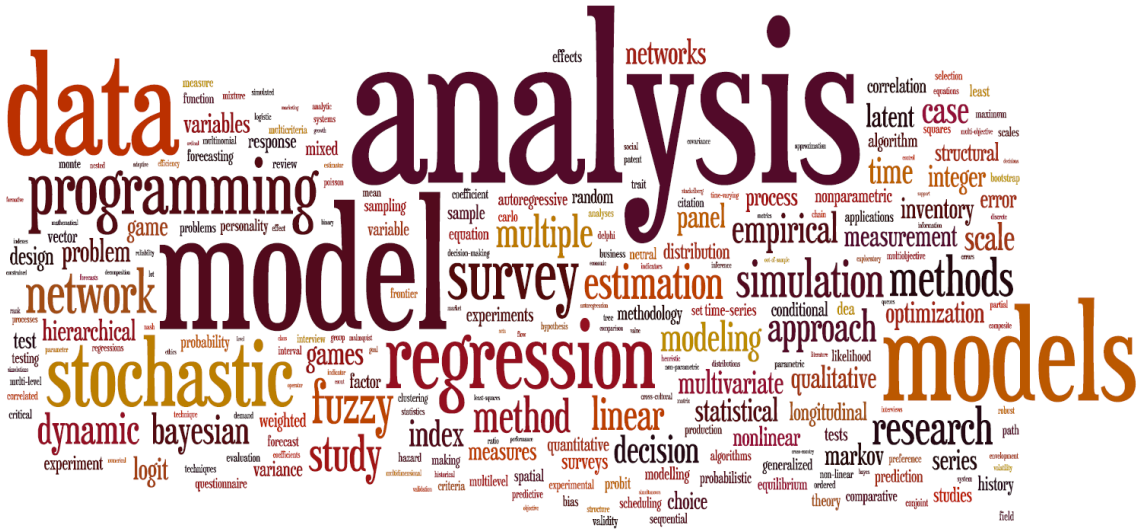


But the data that needs processing has grown 50x

Industry is faced with an I\O nightmare

Storage to Meet Changing Data Analysis Requirements

- New analytical tools and challenges
  - Algorithmic trading
  - Market data ingest and back testing
  - AI / machine learning
- Changing infrastructure requirements
  - On-demand / cloud
  - Collaboration / data sharing
  - Standardized data formats and metadata
  - Different processors - GPUs, TPUs, FPGAs
- Software based storage to bend the rules of reality

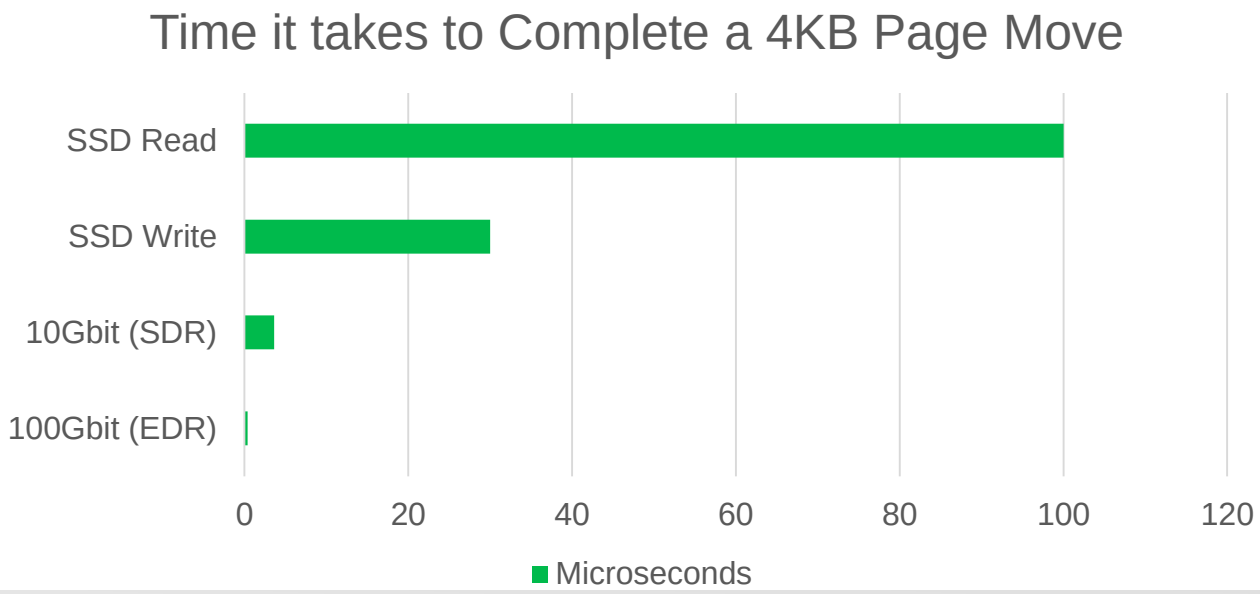


Bending the Rules of Reality: Data Locality is Irrelevant

Data is heavy – Locate it near compute

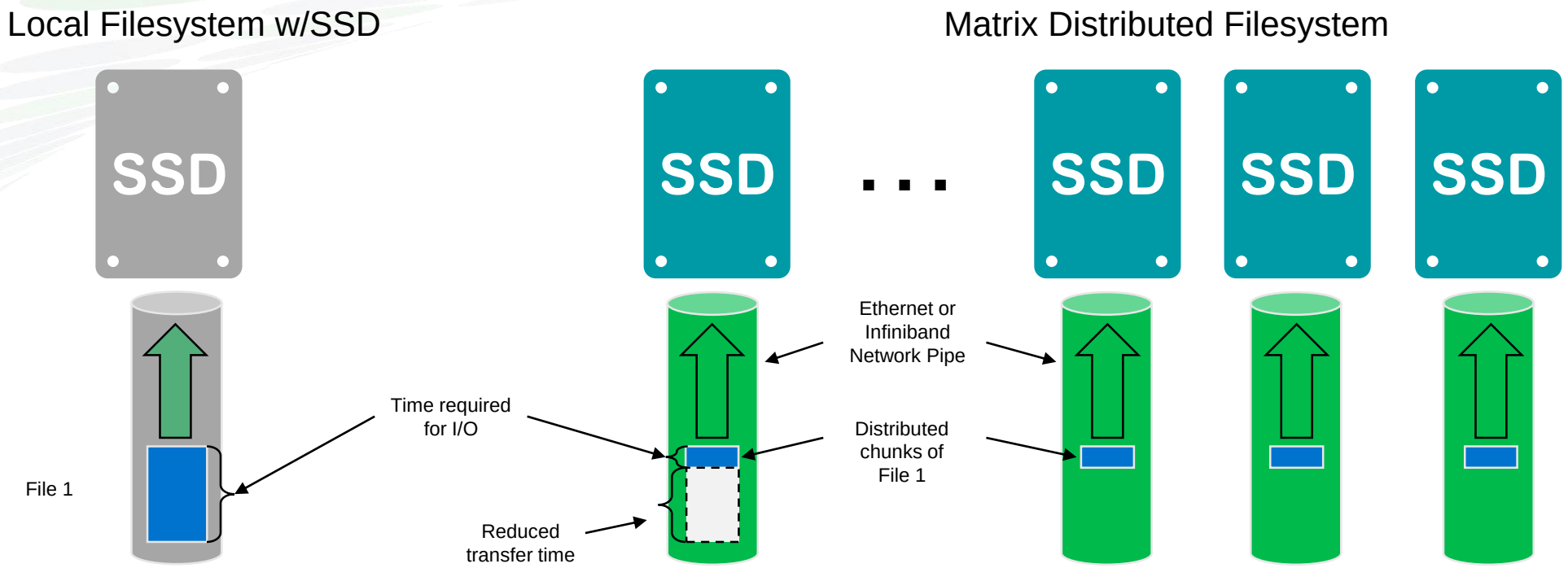
- Most NAS were developed when 1GbitE and HDDs were standard
- Modern networks on 10Gbit Ethernet are 10x faster than SSD

Low Latency Networks



Bending the Rules of Reality: The Power of Parallelism

Use local storage for highest performance

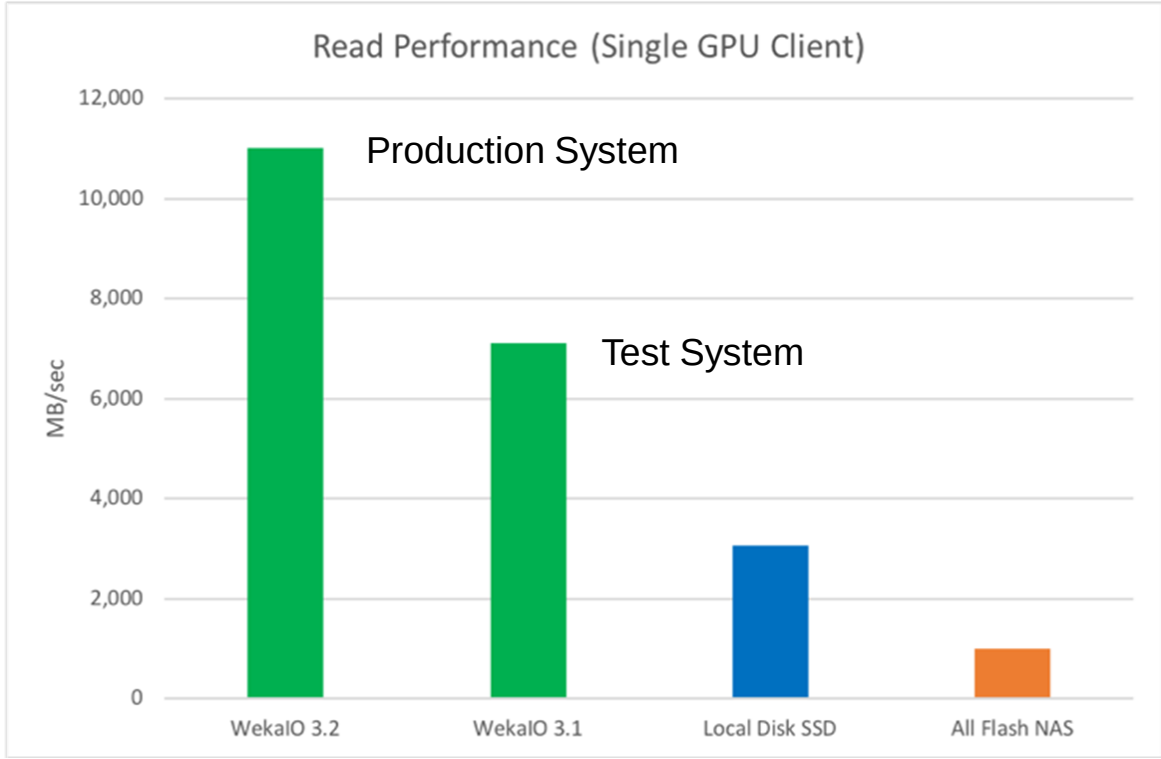


Analytics Cluster Results to Single GPU Client

Actual measured data on an AI/ML GPU Cluster

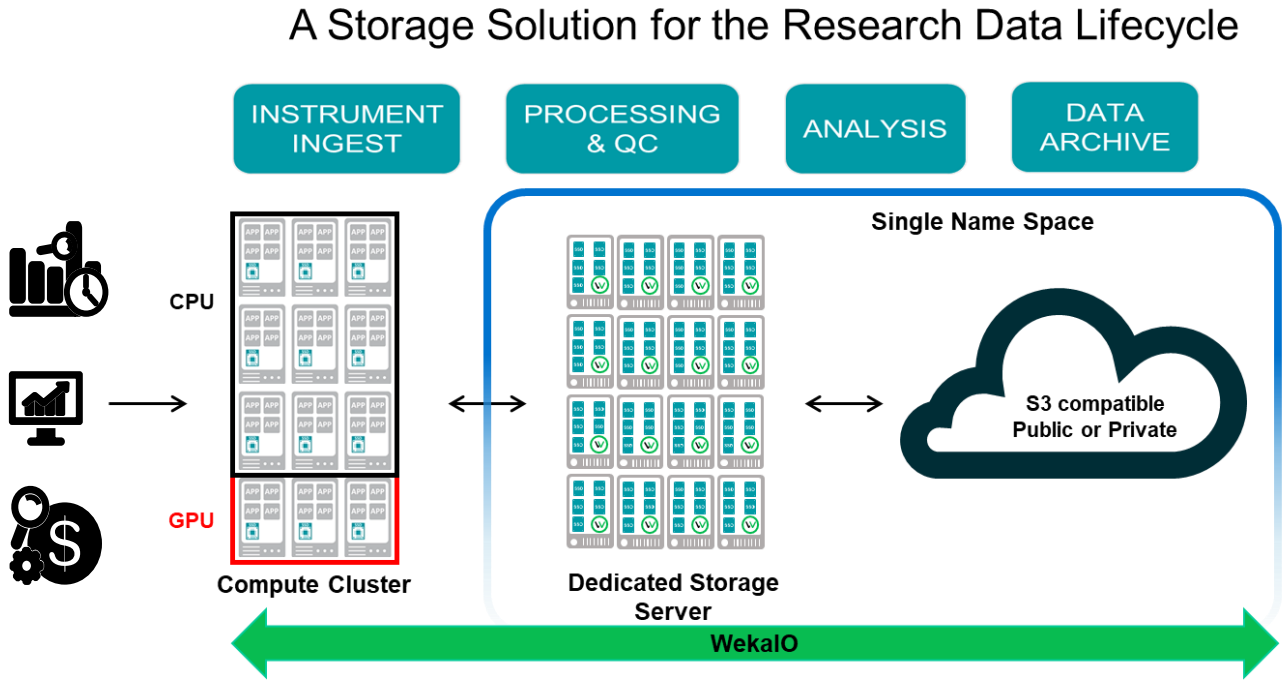
- **Problem**: Could provide data fast enough to GPU cluster
- **Pain Point**: Wasted cycle time ($$$$) on very expensive GPU clusters
- **Results:**
  - **3x reduction in training times**
  - **More productive Data Scientists**
  - **More efficient infrastructure usage**

Over 10x Faster than NFS All Flash NAS



Supporting Tomorrow's Analytics Applications

- Think Differently About Storage
  - Software bends the rules
  - Supports *AI at Scale*
  - Runs on standard hardware
  - Supports any workload
  - Ingest to Archive
  - Proven technology



Customer Proven

On Premises

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Thank You

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