

The WEKA® Data Platform

Power Next-Generation Workloads with the Performance of an AI-Native Platform

Challenges

- Performance to support compute-intensive workloads
- Feeding AI data pipelines
- Scaling up and down
- Lowering costs while optimizing performance
- Managing mixed IO

Why WEKA

- Speed time to build models
- Scale to meet the demands of modern pipelines
- Lower costs to process and store data
- Maximize the utilization of your GPUs
- Optimize both read & write performance for small & large files no matter the number
- Run multiple concurrent and diverse workloads
- Leverage industry-leading metadata performance
- No need to copy datasets between locations
- Simplify the environment including backup & DR



WEKA was a perfect fit to handle extraordinarily large data sets efficiently



Great performance in an easy package



World class storage solution currently taking everything we can throw at it!

<p>75% reduction in workload wall clock time</p>	<p>up to 90% improvement in deep learning epoch time</p>	<p>65% savings over traditional high-performance computing</p>
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The WEKA® Data Platform was built to modernize enterprise data stacks. Its advanced AI-native, data pipeline-oriented architecture delivers exceptional performance at scale, providing an optimal environment for data-intensive applications that makes GPUs and AI, ML, and HPC workloads run faster and work more efficiently on-premises and in the cloud.

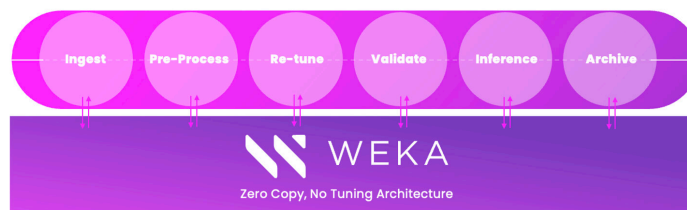
As AI workloads are increasingly requiring more data and performance, keeping a GPU compute cluster fed is critical to overall pipeline performance and efficiency. WEKA powers GPUs up to 20x faster, which means your GPUs and modeling software spend less time idle waiting for data. Our zero-tuning capability also assures that every application in your analytics pipeline gets the performance it needs.

The WEKA Data Platform transforms stagnant data storage silos into dynamic data pipelines that fuel compute-intensive workloads and seamlessly span across edge, core, cloud, hybrid, and multicloud data environments. WEKA is powering a new era of sustainable data innovation in the world’s leading research organizations and enterprises, helping them to innovate at the speed of science, create without limits, and turn ideas into outcomes.

Mind-bending speed. Seductive simplicity. Infinite scalability. Effortless sustainability.

20x
faster GPUs

The WEKA Data Platform



up to **75%**
reduction in infrastructure costs

40x
faster model development

WEKA: The AI-Native Data Platform™

The growth of AI and Generative AI requires a radically new approach to data. WEKA provides

Performance Density	Choice & Feature Completeness
Unlimited Linear Scale	Class-leading Economics

to support organizations across a wide variety of industries as they optimize data pipelines & AI workloads.

**Faster Outcomes
Faster Time to Market
Optimized Competitive Advantage**



1.5PB
of data

402GB/s
of video streaming data

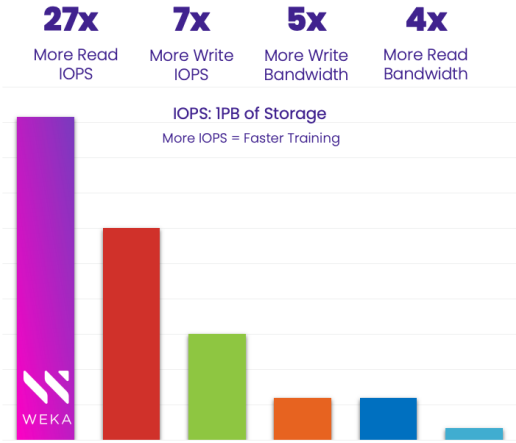
160K
sqft LED display

U2:UV at Sphere

Problem: U2 needed a way to migrate 500+ terabytes of archival video from the UK to Las Vegas and then upscale for 16K by 16k display.

Solution: Able to seamlessly load and migrate large video files to a local WEKA cluster at Sphere and regularly render them to create and recreate the show's stunning visuals.

WEKA Performance Speeds AI Model Training



92%

reduced epoch time in AWS

40x

speed improvement creating and copying 1GB files

30M

files being used to train the model

Problem: Needed a highly-performant solution that allowed for scaling a shared data set that had scaled beyond NAS capability but OBJ was too slow

Solution: Scaled capacity by 5x, increased performance by 10x and reduced costs by 75% vs Isilon

Some of the Customers Who Trust WEKA with their High-Performance Workloads

stability.ai

APPLIED DIGITAL

Midjourney

SQUARE POINT

IrisEnergy

SAMSUNG

23andMe

IIElevenLabs

UNIVERSITY OF SURREY

Atomwise

INNNOVIZ TECHNOLOGIES

upstage

cerence

ADEPT

BostonDynamics



We guarantee WEKA can deliver at least 2x the performance of your existing comparable-sized NAS storage appliance. If not, we'll pay for enough WEKA software and hardware to hit the target.



We guarantee we can save you 50% on your current cloud storage solution with zero impact on performance, or we will make up the difference out of our own pocket.



weka.io

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