

The WEKA® Data Platform

Eliminate the Complexity and Compromises of Traditional Data Infrastructure

About Us

WEKA is accelerating innovation, research and discovery for the world's leading enterprises and research organizations with the industry's first multicloud data platform for AI, machine learning, and other next-generation workloads.

Product

The WEKA® Data Platform delivers the radical simplicity, epic performance, and infinite scale required to support enterprise AI, machine learning, and other next-generation workloads in virtually any location.

Customers

WEKA is accelerating innovation, research, and discovery for the world's leading enterprises and research organizations—including eight of the Fortune 50—and helping them to achieve first-to-market results.

Data fuels our digital world and it's growing exponentially. To efficiently harness it with transformation engines like artificial intelligence (AI) and machine learning (ML), organizations need a holistic data platform solution.

Legacy Data Infrastructure is Stalling Creativity

The global pandemic has accelerated the digital initiatives of nearly every enterprise on the planet, and AI is rapidly becoming a strategic imperative for modern businesses and research organizations. According to Gartner Inc.: "By 2025, AI will be the top category driving infrastructure decisions, due to the maturation of the AI market, resulting in a tenfold growth in infrastructure requirements."

A new wave of accelerated compute (e.g., GPU) devices are on the market and are being rapidly adopted by enterprises. The 10-100x performance over traditional CPUs provided by these GPUs is now coupled with a massive increase in Deep Neural Network (DNN) models and has resulted in a Cambrian explosion in AI. However, fueling these digital transformation engines with enough data is holding organizations back from realizing the promise of AI and ML, and many organizations are still struggling to move their enterprise AI initiatives ahead. A key reason is their legacy data infrastructure leaves these pipelines running idle – since they cannot support the performance and scalability demands of these new workloads.

Unlock Innovation With a Data Platform

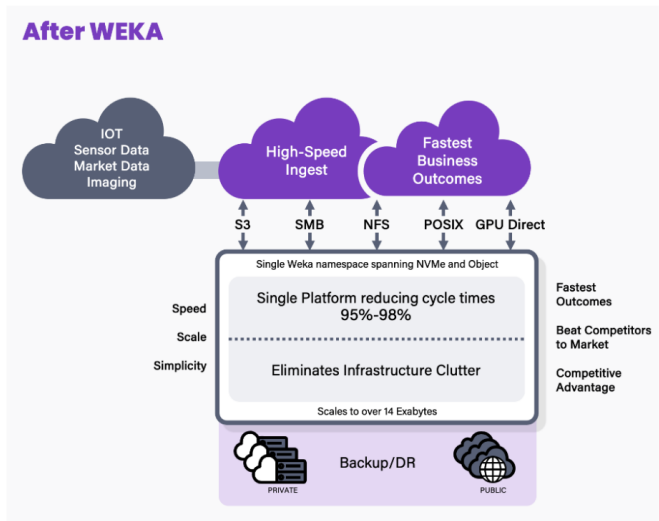
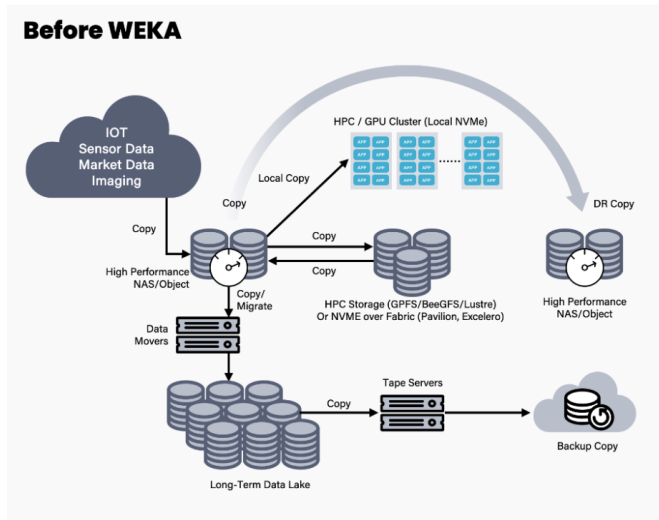
To power data-driven innovation, organizations are eliminating the complexity of legacy data infrastructure and replacing them with data platforms. A data platform is an integrated, end-to-end solution that provides holistic support for an organization's data management needs while supporting every step

of the organizations' data lifecycle – from ingest and pre-processing, to analyzing, storage, and archiving. A true data platform is designed to support both the structured and unstructured data a digital organization uses, regardless of whether the data is at the core, cloud, or edge. It is multi-tenant, multi-workload, multi-performant, and multi-location, all with a common management interface.

A data platform can handle all the distinct requirements of the different types of data needs across the organization – massive ingest bandwidth, mixed read/write handling, and ultra-low latency. It also manages data across on-premises, cloud, or hybrid environments and enables easy data mobility between them all.

We Envision a World Without Compromise

At WEKA, we believe data-driven organizations shouldn't have to choose between speed, simplicity, scale, and portability of their data across locations and workloads. In the era of cloud and AI, we believe these should be foundational elements in any data environment – not points of compromise. This is why we're building a wholly different approach designed from the ground up to flawlessly support the needs of next-generation workloads.



In 2013, we set out with a blank sheet of paper, a novel programming language, and a vision to create a product that would eradicate the compromises of the past AND power the possibilities of the future. The WEKA® Data Platform is a subscription-based software solution that is purpose-built for large-scale AI and multicloud environments. Its advanced architecture delivers radical performance, leading ease of use, simple scaling scale, and seamless sharing of your data, so you can take full advantage of your enterprise workloads in virtually any location.

Creating the Future With WEKA

Our customers across many industries are using WEKA to power their innovation engines running at top speed. They are running AI-powered manufacturing processes, accelerating new product development, more accurately predicting customer churn, honing technical systems design, and accelerating genomic research among others. They are using the WEKA Data Platform to move workloads to the cloud and elastically handle on premises workload spikes though cloud integration.

At OMRP, research jobs were reduced by a factor of ten after implementing WEKA. One job was reduced from 70 days to 7 days and another common analysis workflow was reduced from 12 hours to 2 hours. WeRide speeds up product development with WEKA by maximizing the utilization of its GPU farm and eliminating idle time waiting for data. Genomics England not only was able to meet the growing demands for genomics analysis, but saw a 75% reduction in data storage cost per genome while improving performance by over 10X. Preymaker saw a huge improvement in artist productivity by sharing data across different operating systems and locations for cloud-based post production with WEKA, which allowed Preymaker to hit aggressive deadlines and achieve quicker time to revenue.

Available on the Hardware and Clouds of Your Choice

WEKA has built an incredibly strong partner ecosystem that includes solution resellers and leading server, processor, and network interconnect manufacturers. In addition, the company has partnerships with the world's largest server OEMs and the world's major cloud providers. So, whether you are looking for an on-premises, cloud, or hybrid deployment, WEKA has you covered.

Create Without Limits and Drive Results Faster

The WEKA® Data Platform removes the barriers to data-driven innovation through its advanced software architecture optimized to solve complex data challenges and streamline the data pipelines that fuel AI, ML, and other modern performance-intensive workloads.

The design philosophy behind the WEKA® Data Platform was to create a single architecture that runs on-premises or in the public cloud with the performance of all-flash arrays, the simplicity and feature set of network-attached storage (NAS), and the scalability and economics of the cloud.

Whether it's on-premises, in the cloud, at the edge, or bursting between platforms, WEKA accelerates every step of the enterprise AI data pipeline – from data ingestion, cleansing and modeling, to training validation or inference.

Mind-bendingly fast. Seductively simple. Infinitely scalable. Spanning edge, core, hybrid, and multicloud. The WEKA Data Platform helps to overcome complex data challenges and accelerate next-generation workloads to unleash your organization's imagination, creativity, and potential.



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