The WEKA® Data Platform

Eliminate the Complexity and Compromises
of Traditional Data Infrastructure

About Us

WEKA is accelerating mission/data analysis, innovation, and research for the country's leading agencies 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 being deployed by leading US agencies as well as 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

Next generation workloads like AI, ML and analytics are rapidly becoming a strategic imperative for missions and programs. 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 organizations. 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 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.
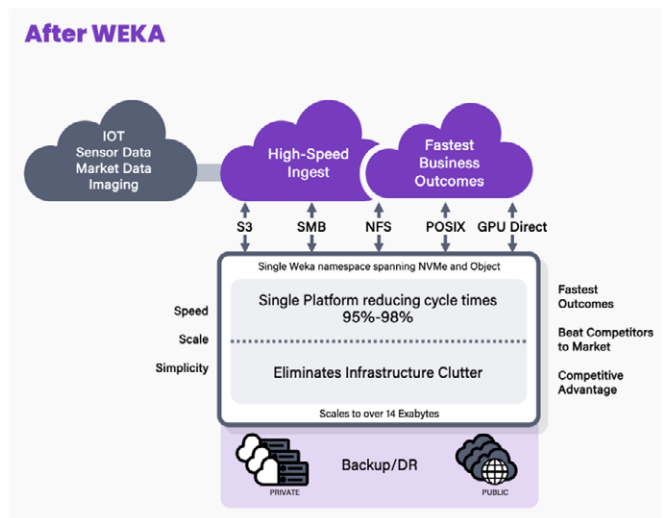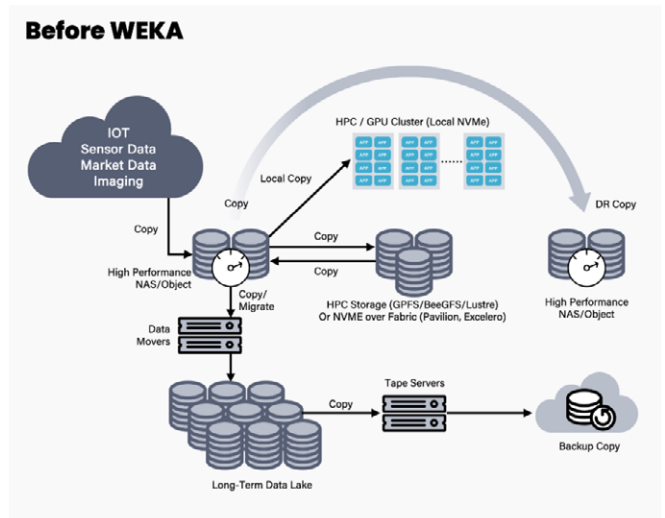
Unlock Innovation With a Data Platform

To power data-driven innovation, federal agencies 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 agency's data management needs while supporting every step of the agency's 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 agency– 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 missions and programs shouldn't have to choose between speed, simplicity, scale, and portability of their data across locations and 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 mission-critical workloads in virtually any location.

Creating the Future With WEKA

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

At one organization, 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. At another organization, WEKA speeds up product development by maximizing the utilization of its GPU farm and eliminating idle time waiting for data. Still another organization was not only 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.

Available on the Hardware and Clouds of Your Choice

WEKA has built an incredibly strong partner ecosystem that includes Federal 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.

Headquarters

910 E Hamilton Ave. Suite 430, Campbell, CA 95008, USA

+1 844.392.0665 | info@weka.io

WEKA Federal

1750 Tysons Boulevard, Suite 1500, McLean, Virginia 22102, USA

US.Federal@weka.io

WEKA FEDERAL   weka.io | 844.392.0665