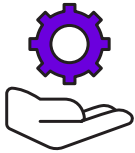# Next Generation Platform for Data Intensive Applications

Artificial Intelligence/Machine Learning, Life Sciences Research, Enterprise Technical Computing, and High-Performance Data Analytics

SOLVE YOUR BIG PROBLEMS

COMPANY

WekaIO™ (Weka) is a next-generation data storage company with offices in Campbell, California and Tel Aviv, Israel. The company has raised over $66M in funding, with the most recent $31.7M Series C round featuring strategic investors such as HPE, Mellanox, NVIDIA, Seagate, Western Digital, and Qualcomm. The company has a significant portfolio of intellectual property that includes 13 patents issued and over 70 filed or in progress.

HERITAGE

FEED DATA-HUNGRY WORKLOADS

The founding management team has extensive experience from industry-leading companies such as IBM, XIV, Intel, NetApp, and EMC. The core engineering team came from XIV and is responsible for designing the acclaimed XIV storage arrays, acquired by IBM in 2008. With the rapid adoption of cloud computing and advances in GPU compute and flash technologies, the team saw an opportunity to rewrite the book on how storage is deployed and managed in the enterprise. After more than three years of intensive development, Weka has launched a patent-rich, high-performance scale-out file system that runs on commodity hardware.
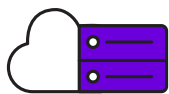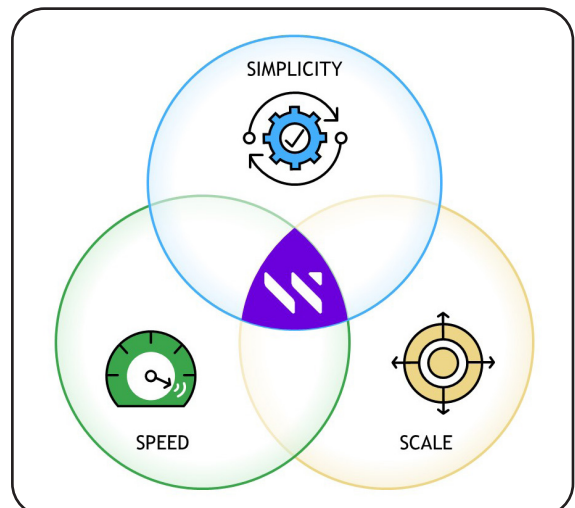
VALUE PROPOSITION AND DIFFERENTIATION

Weka is used by enterprises to uniquely solve the newest and biggest problems holding back innovation and discovery. Weka solutions are purpose-built to unlock the full capabilities for the

RUN IT YOUR WAY

data center of today and the future. Built on WekaFS™, the Weka Limitless data platform is optimized for NVMe-flash and the hybrid cloud allowing customers to capitalize on the advances in Cloud, GPU Compute, and flash technologies while eliminating the tradeoff between Simplicity, Speed, and Scale.

Weka helps the enterprise solve big IT infrastructure problems to accelerate business outcomes and increase productivity.
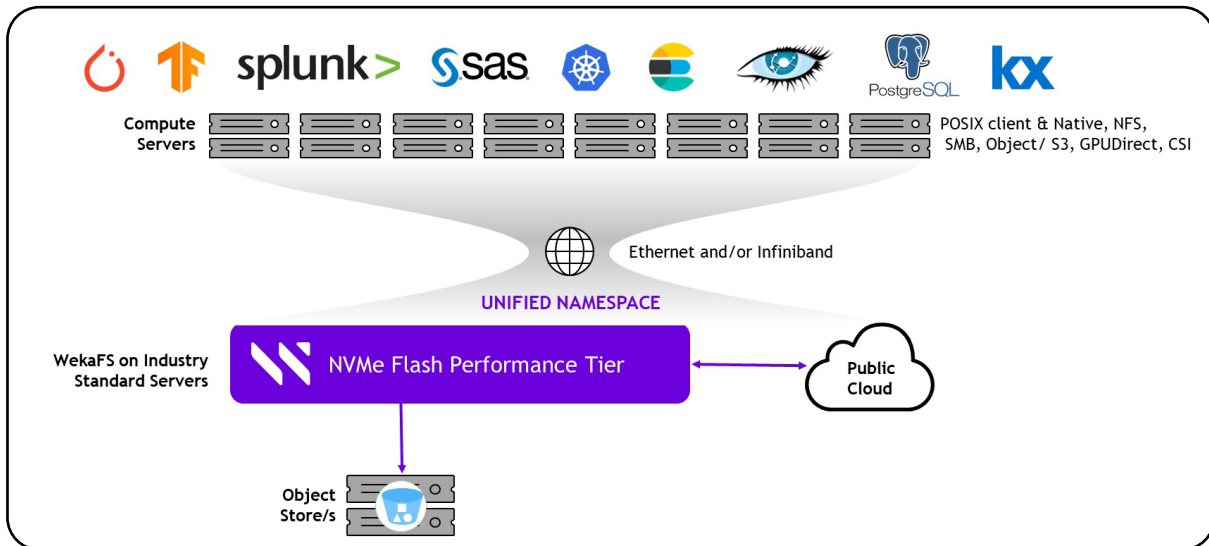
PRODUCT

WekaFS simplifies storage by eliminating the silos of NAS, SAN, and object storage found in today's data centers. The software leverages industry-standard server infrastructure and NVMe SSD storage. The storage is virtualized into a logical pool and presented as a unified namespace file system to the host applications. An integrated tiering capability automatically offloads cold data to any S3 or Swift-based object store on-premises or in the cloud. Unique Snap2Object capability enables improved disaster resilience and cloud bursting. To leverage on-demand compute resources for bursty workflows, organizations can simply push data from their on-premises cluster to the public cloud and provision a Weka cluster in the cloud. Any file-based application can be run in the cloud without modification.

The fully POSIX-compliant virtual file system can be deployed on dedicated storage servers (appliance model), in a converged solution (with compute and storage integrated in the same server), or natively in the cloud. In all cases it uses industry standard compute infrastructure and SSDs. Performance and capacity scale dynamically and independently, resulting in a storage system that delivers the performance of an all-flash-array, the simplicity of file-based storage, the scale of object storage systems, and the economics of the cloud.

CUSTOMERS

Customers are realizing the performance, scalability, and cost-saving benefits of the Weka solution in a broad array of compute intensive production environments. At TuSimple, a leading autonomous truck manufacturer, Weka delivered 10x the performance of an all-flash NAS and 3x the performance of a local file system. At TGEN, a major cancer research institute, WekaFS demonstrated 6x the workload compared to traditional NAS. Weka reduced the workflow time by 7x compared to Lustre at TRE ALTAMIRA, a geospatial modeling company. Weka helps these organizations to speed up research and design cycles by accelerating technical compute workloads while reducing the time spent accessing and managing storage.

PARTNERSHIPS

Weka has built a 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 largest cloud provider — AWS. So, whether you are looking for an on-premises, cloud, or hybrid deployment, Weka has you covered.

Contact us at info@weka.io or call us at 408-335-0085 to learn more.