

EXECUTIVE SUMMARY

Next Generation Storage for Data Intensive Applications

AI and Machine Learning, Business Analytics, Genomics and Bioimaging, Video Rendering



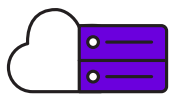
SOLVE YOUR BIG PROBLEMS

COMPANY

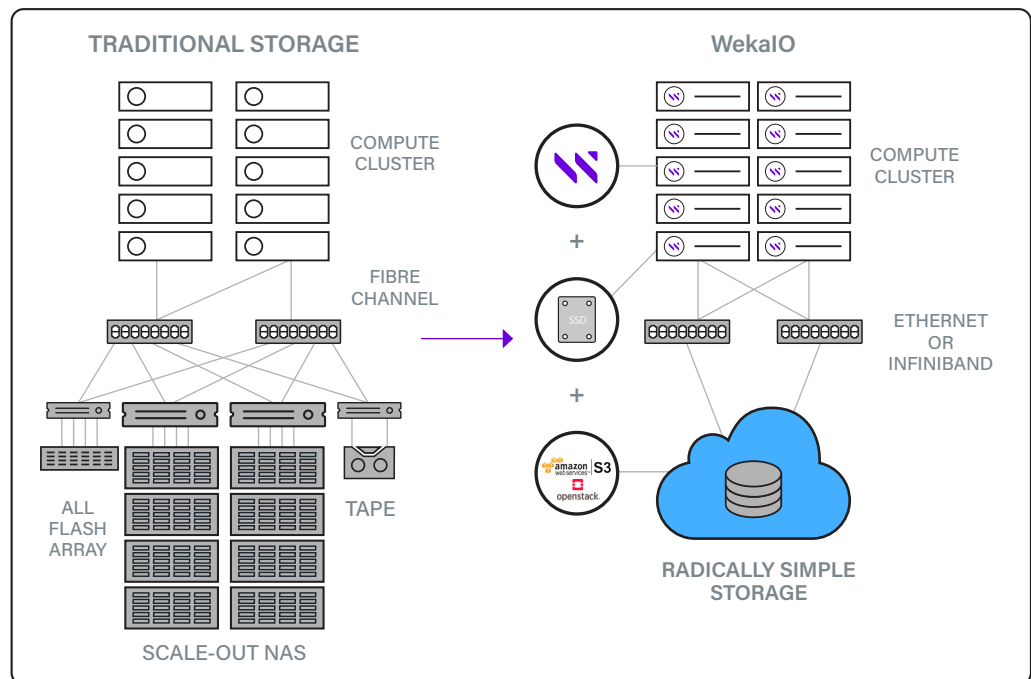
WekaIO is a next-generation data storage company with offices in Campbell, California and Tel Aviv, Israel. The company has raised over \$66M in funding, with the most recent \$31.7M Series C round featuring strategic investors such as HPE, Mellanox, NVIDIA, Seagate, Western Digital and Qualcomm. The company has a significant portfolio of intellectual property that includes 12 patents issued, and over 70 filed or in progress.



FEED DATA-HUNGRY WORKLOADS



RUN IT YOUR WAY



VALUE PROPOSITION AND DIFFERENTIATION

WekaIO's flagship product, WekaFS™, is the fastest software-based, shared storage solution in the industry, and addresses problems that don't yet have solutions. It uniquely offers unmatched performance at any scale and is ideal for the most intensive data environments of today and

tomorrow. Examples include AI and machine learning, business analytics and risk analysis, genomics and bioimaging. Compared to traditional NAS, it is 10X faster, costs up to 80% less, and requires no additional footprint when deployed as part of the compute cluster. Standard industry benchmarks and customer deployments have validated that WekaFS is faster than even state-of-the-art all-flash arrays.

HERITAGE

The founding management team has extensive experience from industry leading companies such as IBM, XIV, Intel, NetApp, Sandforce 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, 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, WekaIO has launched a patent rich, high-performance scale-out file system that runs on commodity hardware.

PRODUCT

WekaFS simplifies storage by eliminating the silos of NAS and SAN found in today's data centers. The software leverages existing server infrastructure and local SSD storage; it virtualizes the SSDs into one logical pool of storage presented as a distributed, single namespace file system to the host applications. An integrated tiering layer automatically offloads cold data to any S3 or Swift based object store or cloud, and unique snapshot capabilities enable 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 WekaIO 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) or as a hyper-converged solution (with compute and storage integrated in the same server). 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 data durability of object storage systems, and the economics of the cloud.

CUSTOMERS

Customers are realizing the performance, scalability, and cost-saving benefits of the WekaIO solution in a broad array of compute intensive production environments. At TuSimple, a leading autonomous truck manufacturer, WekaFS delivered 10x the performance of an all-flash NAS and 3x the performance of local file system. At TGEN, a major cancer research institute, WekaFS demonstrated 6x the workload compared to traditional NAS. At Tre Altamira, a geospatial modeling company, WekaFS reduced the workflow time by 7x compared to Lustre. WekaIO 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

WekaIO has built a strong partner ecosystem that includes solution resellers and leading server, SSD, processor, and network interconnect manufacturers. In addition, the company has partnerships with the world's largest server OEM - HPE, and the world's largest cloud provider - AWS, to offer special on-premises and SaaS versions of WekaFS.

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



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