



ACCELERATING GENOMIC AND CLINICAL ADVANCEMENTS

HEALTHCARE & LIFE SCIENCES

SUMMARY

Volumez provides a powerful and versatile high-performance cloud storage solution designed to meet the demanding needs of the healthcare and life sciences industries. By leveraging cutting-edge technology, Volumez enhances data management, accelerates computational tasks, and ensures the resiliency of sensitive healthcare data.

USE CASES

- Epic software for millions of patient electronic health records (EHR)
- Genomic Sequencing and Bioinformatics
- Drug Discovery and Development
- Clinical Trials and Data Management
- Pharmacovigilance and Drug Safety Monitoring
- Regulatory Compliance and Submission Management

KEY BENEFITS

- Provides guaranteed extreme performance through millions of IOPS, ultra-low latency, and high bandwidth per volume
- Accelerates data processing and analysis, reducing time to insight and time to market
- Easily scales to handle growing data volumes and computational demands
- Streamlines data management workflows, enhancing productivity and collaboration
- Optimizes cloud spend and saves up to 50% of cloud infrastructure costs
- Supports Linux and Kubernetes workloads on AWS, Azure, Oracle Cloud, and GCP (coming soon)

INDUSTRY CHALLENGES

The healthcare and life sciences industries face significant challenges in managing and analyzing massive volumes of data generated from various sources such as patient EHRs, genomic sequencing, clinical trials, and pharmacovigilance activities. Traditional cloud storage solutions often fall short in terms of performance, scalability, and resiliency, leading to inefficiencies and potential risks in data management.

SOLUTIONS & IMPACT

Volumez offers a high-performance cloud storage platform tailored to healthcare and life sciences. By leveraging advanced storage technologies, Volumez processes large datasets quickly, including Epic EHR enabling faster insights and informed decision-making. Its scalability allows organizations to manage growing data volumes without compromising performance, ideal for patient diagnosis, genomic sequencing, and drug discovery and development.

In clinical trials and data management, Volumez enhances efficiency and data resiliency. Its robust data management capabilities ensure clinical trial data is stored and analyzed effectively, facilitating regulatory compliance and accelerating drug approval processes. Volumez also supports pharmacovigilance by enabling real-time analysis of adverse drug reactions and safety signals, ensuring patient safety and regulatory adherence.

Due to the unique architecture of Volumez, you will reduce your cloud spend without sacrificing performance, enabling you to control costs while extracting the most benefit from your data in the cloud. Its reliability and data resiliency features provide peace of mind, protecting sensitive patient and research data even as it employs that data to accelerate innovation and improve patient outcomes. Overall, Volumez empowers healthcare and life sciences organizations to leverage their data more effectively, driving innovation, and improving patient outcomes.

READY TO GET STARTED?

Ready to transform your data infrastructure and accelerate your business processes? [Contact Volumez today](#) to learn how our high-performance cloud storage solutions can help your organization achieve its goals.

About Volumez

Volumez is a leading provider of high-performance cloud storage solutions designed to meet the demanding needs of various industries. Our advanced technology ensures efficient data management, accelerates computational tasks, and provides robust data resiliency for sensitive information. With a commitment to innovation and excellence, Volumez empowers organizations to leverage their data more effectively, driving productivity, and achieving better outcomes.