Volumez

OPTIMIZING WORKFLOWS WITH ADVANCED STORAGE SOLUTIONS
MANUFACTURING

SUMMARY

Volumez delivers a robust high-performance cloud storage solution specifically designed to meet the diverse and demanding needs of the manufacturing industry. With its advanced technology, Volumez enhances data management, accelerates engineering simulations, and supports the optimization of manufacturing processes.

USE CASES

- Computer-Aided Design (CAD) and Engineering Simulation
- Product Lifecycle Management (PLM)
- Manufacturing Execution Systems (MES) and Production Planning
- Supply Chain Management (SCM) and Supplier Collaboration
- Quality Control and Manufacturing Analytics

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 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 manufacturing industry faces significant challenges in managing and analyzing large volumes of data generated from various stages of product design, production, and supply chain management. Traditional cloud storage solutions often lack the performance, scalability, and reliability needed to handle these data-intensive tasks, leading to inefficiencies and delays in the manufacturing process.

SOLUTIONS & IMPACT

Volumez provides high-performance cloud storage for manufacturing, speeding up CAD and engineering tools to accelerate design and testing, thus hastening product development and market entry.

In Product Lifecycle Management (PLM), Volumez enhances data management and team collaboration, efficiently managing the entire product lifecycle from concept to disposal. Its scalable storage ensures accessible data for better decision-making. On the factory floor, Volumez optimizes processes with real-time data through Manufacturing Execution Systems (MES). This capability ensures accurate scheduling, effective equipment monitoring, and efficient tracking of work in progress. Real-time data analysis helps identify inefficiencies, improve product quality, and reduce costs. In supply chain management, Volumez improves procurement, inventory, and logistics. Its robust data management supports seamless supplier collaboration, efficient sourcing, and procurement. Additionally, Volumez aids quality control and manufacturing analytics, ensuring components meet quality standards.

Due to the unique architecture of Volumez, you will reduce your cloud spend without sacrificing performance, enabling you to control cloud costs even while you are extracting the most from your data in the cloud.

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.