SOLUTION BRIEF

Power Life Sciences Innovation

Accelerate your research—and your time to market—with life-sciences solutions from Pure Storage®.

The pace of life sciences research and commercialization has never been faster, and all of that data is bursting at the seams. But don't let the volume and complexity slow you down. Pure solutions can help you take back time to do what you do best: Innovate.

Advances Outpace Legacy Infrastructure

Legacy infrastructure can't keep up with the exponential growth of life sciences data. Groundbreaking discoveries depend on quick access to data from patient records, imaging, genomic sequencing, and medical claims data. But data growth is only the beginning of the problem: Analyzing all of it together to mine meaningful insights is a whole other challenge. As a result, both storage and compute infrastructure need a holistic revamp so you can do more with less. Data growth and analytics aside, IT and research leaders in life-sciences organizations need data protection and the peace of mind to know that their sensitive clinical data is safe under all circumstances.

Turn your infrastructure from being a hindrance to a strategic advantage for all your data growth, analytics, and protection needs. Plus, ease your approach to the cloud, on-premises, and beyond with speed, scale, and agility. Positioned highest for Ability to Execute and furthest for Completeness of Vision in the 2020 Gartner Magic Quadrant for Primary Storage Arrays, Pure's storage solutions are the perfect match to your pace of innovation.

Pure Propels Life Sciences

Drug and Vaccine Discovery: Employ AI-driven modeling to discover drugs and vaccines faster with the massively parallel, all-flash performance of FlashBlade® and Pure AIRI®, the industry's first full-stack AI-ready infrastructure.

Genomics Sequencing: Go from genomics data to insights faster with storage that boosts your secondary and tertiary analytics. Plus, leverage cloud-native applications to crunch your data using Portworx®, the most complete and flexible Kubernetes data-services platform.

Continual Data Growth

Pure solutions easily expand to support exponential data increases.

Modern Data Protection

Protect patient data without making compromises.

Power and Flexibility for Analytics

Train algorithms faster while your data platform keeps pace.

Clinical Trials: Pure unifies hybrid and multicloud ecosystems to deliver effortless data mobility across private and public cloud environments. Unlock your clinical data silos to leverage cloud-based analytics and virtualize your clinical trials with help from Pure's partnerships with Amazon AWS, Citrix, Microsoft Azure, and VMware.

Imaging: Legacy infrastructure can't keep up with the exponential growth of life sciences imaging. Store, retrieve, and crunch high-resolution microscopy and digital pathology data with best-in-class storage and analytics solutions.

Supply-Chain Management: Achieve operational excellence in your manufacturing supply chain. Simplify complex SAP environments with streamlined migration and always-on data protection, reducing the time and cost of managing distributed SAP data centers.

Why Choose Pure

Pure provides life sciences teams the best-possible response times and a fast, seamless data flow to support time-sensitive research. Pharmaceutical and medical device companies and research organizations choose Pure based on characteristics including the following:

Fast: With Pure, life sciences organizations can measurably improve bandwidth and I/O speeds, so technology performance is never a barrier to research goals. Pure is far faster and more cost-effective than legacy systems.

Efficient: Pure brings applications to a single data hub, eliminating data silos by allowing multiple applications to read and write to Pure's all-flash array at the same time. The FlashBlade® unified fast file and object (UFFO) storage platform can smoothly manage data of any size, providing a consistent, reliable, and scalable platform for advanced scientific research.

Effortless: No matter the workload conditions, Pure's self-driving storage reliably and consistently delivers high performance. Research and technology teams can count on 99.9999% uptime with FlashArray™, highly available architecture, redundant components, and the ability to upgrade and expand without disruption. With Pure, enterprise imaging solutions can easily integrate across on-premises and cloud platforms.

Evergreen™ Storge: Experience an overall reduction in maintenance and future upgrade costs while avoiding risky, time-consuming migrations. Buy only what you need when you need it. Upgrade to the latest innovation without pain or penalty. Pure is not only fast in terms of IOPs and throughput, but Evergreen upgrades make it the only storage that gets better with age.

Additional Resources

Learn more about life sciences solutions and healthcare solutions from Pure.