

Oracle Solutions for the Research Enterprise: Flexible, Scalable, Energy Efficient Storage

“Our biggest challenge is capacity planning. Our requirements for digital archiving are constantly evolving, and we therefore need a flexible solution that will grow with our organization. Oracle’s Sun Fire X4150 Server and Oracle’s StorageTek 6140 Array provides us with the flexibility and scalability that we need.”

– Oliver Rouchon, Head of
Digital Preservation

OPTIMIZED STORAGE SOLUTIONS

Oracle offers a complete portfolio of products that combines storage, servers, software, and networking to deliver the most innovative, performance-optimized solutions for research organization all around the world.

Oracle is the only vendor that provides research institutions the infrastructure to support big data sharing and interoperability for global, heterogeneous and increasingly multidisciplinary research environments and ecosystems.

Whether a university department or a large laboratory, every research organization needs to provide an IT infrastructure that will allow researchers to store, retrieve and analyze data generated by scientists and their scientific instruments around the world and from far out in space. Because your researchers generate and access increasing volumes of data, you need computing power and capacity that matches your needs and budget, where and when it matters most. Oracle’s products and solutions can support your research mission needs from end to end, through the lifecycle of the research.

More than 40 years of storage expertise and innovative thinking have gone into creating the Sun Storage product portfolio. These storage systems offer the most reliable, scalable, and energy-efficient systems in the industry. Core building blocks for mission-critical research enterprise computing, research application environments, virtualization and cloud deployments, Oracle storage systems help research datacenter IT managers reduce costs, conserve energy, and operate more efficiently.

Finding the Right Solution for Your Needs

The deployment of IT resources to support your researchers and research mission is vital to your organization. You want to plan your IT projects carefully so that you can select the right servers, storage products, and infrastructure to make your research network as efficient and reliable as possible. An open and scalable design approach lets you mix and match Oracle’s computing, storage, and network components so that all resources in your datacenter work as a powerful and integrated system, driving higher efficiency across your complex IT infrastructure to support your research needs from end to end.

Oracle’s storage solutions are designed to maximize application performance and simplify the management of critical resources. Whether you need dedicated database storage, network attached storage, or storage area network solutions, Oracle offers industry-leading platforms and unique integration with Oracle software environments.

Why Oracle?

Oracle offers a complete portfolio of best-of-breed storage products and research enterprise-ready storage solutions that optimize performance, maximize data protection, and reduce the total cost of ownership for Oracle databases, applications, and complex, heterogeneous data management for research organizations.

“Oracle’s Sun Storage solutions provide enterprise-class storage capabilities, a user-friendly interface, and an affordable price point to meet our high volume storage needs. The systems’ scalability provides the perfect support for our research programs.”

– Preston Smith, Information Systems Manager, Laureate Institute for Brain Research

Open: Oracle solutions allow you to bring in data from heterogeneous sources across your research community and beyond because it supports a broad range of operating systems. Because data is stored in an open format, you get ‘forever’ data retrieval capabilities.

Integrated: With Oracle solutions, everything works together. You and your researchers control your research data from the moment it is created with software and hardware that work flawlessly in sync.

Secure: You need to know that the only researchers accessing the data are the ones who have been granted access. Oracle solutions give you that assurance.

Scalable: You don’t have to worry as your storage needs grow. You will be able to easily import, manage, and automate all your data over time.

For a best-practices guide to help you select the right big-data storage solution that most closely meets your needs, go to the following link for a document with suggestions on what you might consider in your decision criteria. [Making the Right Storage Choices: 10 Must-Ask Questions.](#)

CONTACT US

To learn more, call +1.800.ORACLE1 to speak to an Oracle representative or visit oracle.com. Outside North America, visit oracle.com/corporate/contact/global.html to find the phone number for your local Oracle office.

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