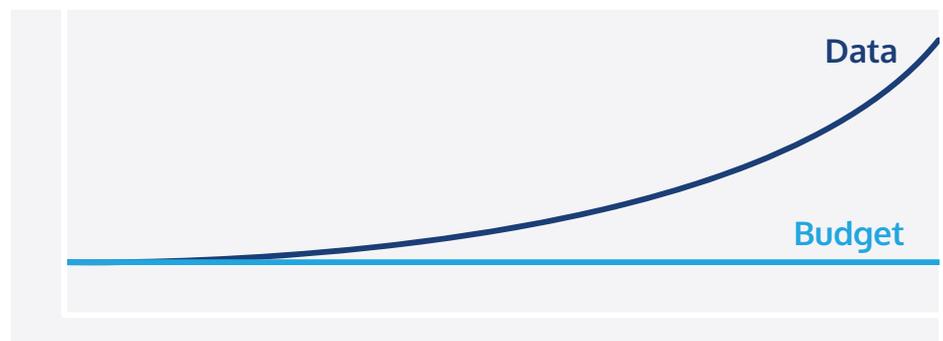# ArcaStream:
Software-Defined Scale-Out Freedom

ArcaStream delivers software defined scale-out storage and data management solutions designed to meet the *specific needs of research and simulation users* worldwide

Vendor Agnostic Scalable Storage and Data Management Solutions for:

- Life Sciences
- Research
- Energy
- HPC
- Engineering
- Finance
- Government
- Security

The Big Data Challenge:

In the budget and grant-driven environment commonly found in engineering, scientific and research communities, the need to scale storage requirements can often be sudden and unexpected. Traditional appliance-based scale-out storage vendors commonly take advantage of the customer's predicament by charging expansion prices far in excess of what it cost to buy the solution initially. This can force customers into a situation where they must either accept the premium or seek out alternative storage solutions that do not integrate with their existing infrastructure. This approach increases the cost of data management and reduces productivity by creating disjointed 'islands' of storage. As a result, valuable information becomes lost in a sea of technology.

The Solution

With ArcaStream's software-defined approach to scale-out storage architectures, our customers are protected from vendor lock in. With highly intelligent data management software at the top of the storage presentation layer, organisations are free to choose the most cost efficient storage hardware from the vendor of their choice. By combining vendor-agnostic disk, tape and cloud storage technologies into a single unified data repository, unpredictable storage costs, 'forklift' upgrades and unmanageable 'islands' of storage technology are completely eliminated.
While your storage costs are decreasing by up to **90%** with ArcaStream, productivity is boosted through simple access mechanisms, data workflow management and intelligent analytics capabilities. Your users always know where to find their data, your systems administrators always know where the data resides and your management team is always aware of the true cost of storing your data.

Software defined scale-out freedom

Dramatically lowering the costs of storing and managing data

ArcaStream provides a greater return on your storage investment by opening the path to competitive technology procurement. Automated data management unifies the end-to-end storage footprint and enables our customers to spend a far greater proportion of their time and budgets on accelerating science and research.

Key Benefits

Hardware agnostic, software defined architecture
Because our solution is software defined and we are not aligned to any single storage, network or cloud technology vendor, our customers benefit from being able to choose best of breed components for each element of the storage solution. Organisations can then tender competitively, resulting in the optimum mix of performance and capacity for the available budget.

Efficient software licensing
Our scale-out solution offers freedom from capacity and feature-based pricing. Increasing performance and capacity does not have to mean additional licensing costs and the majority of enterprise features are included with base license cost.

Efficient design
Our consolidated architecture provides maximum performance and capacity in the smallest possible footprint, minimising running costs. Additionally, our building block approach means that performance and capacity can be scaled independently and granularly, allowing you to purchase only what you need, when you need it.

Simple use and management
Intuitive interface saves time and extends systems management to lower cost resources, reducing training and management costs for users and admins alike.

Fits and streamlines the existing data workflow
Centralised, consolidated storage that eliminates unnecessary data transfer, boosting productivity and eliminating the potential for 'lost' assets. No customer workflow changes are required to make the solution fit. Finally, the solution can handle any performance or access pattern, eliminating the need for multiple data 'islands' leading to further cost savings.

Unprecedented Data Insight
Analytics and granular reporting give organisations the intelligence they need to make sensible purchasing decisions based on data location, capacity and performance utilisation, user behaviour and data access. Managers can identify growth trends and remove unnecessary costs from their overall storage workflow with precise, granular information.

About ArcaStream

Formed in 2015, ArcaStream provides bespoke, software-defined scale-out storage and data management solutions that free you from hardware vendor lock-in. Future-proofed and tailored to your exact requirements, ArcaStream helps you take total control of your spiralling storage costs.

ArcaStream is driven to provide customers across a range of industries with innovative, bespoke solutions that give them a competitive edge at a competitive price point.

The foundation of the ArcaStream business is based on mutual respect and integrity. Our team works together for common corporate and professional goals. We value relationships first and foremost and invest heavily in their ongoing development. ArcaStream knows that the customer comes first, every time, all of the time.