

Top reasons to choose Dell and Kalray for your most data intensive workloads

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Dell Technologies PowerScale and ECS unstructured data platforms partnered with the Kalray NGenea portfolio deliver uncompromised storage solutions for your most demanding workloads

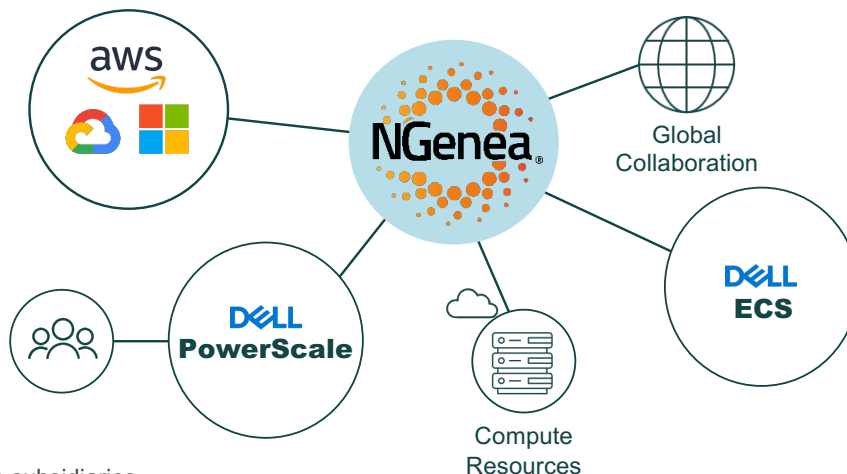
This joint solution targets your most compute-intensive workloads, including weather simulation, molecular modeling, and GenAI model training and optimizes performance and cost while delivering enterprise storage features that ensure compatibility with multicloud environments. Dell Technologies, a trusted provider of global IT solutions, and Kalray build blazing fast storage solutions that scale farther and deliver data portability no matter where your data lives.

1 | Speed time to results for your complex technical workloads

Demanding workloads require flexible and dynamic data storage. The Kalray NGenea global namespace seamlessly integrates with Dell Technologies' #1 scale-out NAS PowerScale platform¹ and ECS Enterprise Unstructured Storage to provide a highly functional, cost optimized enterprise storage tier integrated with your highest performance storage tier. This proven solution of high-performance parallel file system, delivers performance, cost-efficiency, and seamless interoperability.

2 | Simplify and optimize with a unified view of data via global namespace

Many HPC environments have huge data requirements but a relatively small working set size. Dell and Kalray help optimize storage investments and streamline data management in complex distributed environments. NGenea supports vast data capacities and billions of files within a unified global namespace across on-premises, multi-cloud, and hybrid environments to ensure data is available wherever and whenever it is needed – no compromises.



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3 | Peace of mind, with validated designs from Dell and Kalray

Backed by expert support teams, and with tested and proven designs, this trusted partnership seamlessly integrates Kalray NGenea with new or existing PowerScale and ECS deployments, eliminating the guesswork of delivering enterprise class high performance computing solutions. Enjoy a hassle-free journey from install to scaling and beyond with Dell's support.

4 | Cost effectively feed modern applications

Data is the fuel for modern applications. In the era of data-driven applications like GenAI, enterprises must derive insights from ever increasing data volumes and must embrace petabyte-scale storage. Kalray NGenea offers an efficient high-performance storage solution that combines file and object storage within a single, optimized namespace. This solution is highly optimized to handle life cycle management of data, meaning that data is always on the tier with the most optimal price/performance.

5 | Built for the modern data intensive applications of today

Enterprise customers rely on Dell Technologies to deliver scalable, flexible, secure, and automated compute and storage solutions for their high-performance workloads. Kalray NGenea is designed to meet the most data intensive workloads on the planet. Together, Kalray and Dell Technologies enable customers to deliver accelerated workflows and scalable infrastructure that results in uncompromising performance for HPC workloads, whether your industry is life sciences, financial services, oil and gas, or you are beginning to leverage large scale AI/ML workloads.

| About Kalray

Kalray (Euronext Growth Paris – FR0010722819 – ALKAL) is a leading provider of hardware and software technologies and solutions for high-performance, data-centric computing markets, from cloud to edge. Kalray provides a full range of products to enable smarter, more efficient, and energy-wise data-intensive applications and infrastructures. Kalray's offerings include unique patented data processing unit (DPU) processors and acceleration cards, as well as leading-edge software-defined storage and data management solutions. Separated or in combination, Kalray's high-performance solutions allow its customers to improve the efficiency of data centers and to design the best solutions in fast-growing sectors such as AI, life sciences, scientific research, media & entertainment, edge computing, automotive, and others.



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1. Dell is ranked #1 globally in NAS solutions for external OEM storage in IDC WW Quarterly Enterprise Storage Systems Tracker, 2023 Q2 historical release, September 7, 2023. Ranked by Vendor Sales.

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