Top Reasons to Choose Dell Technologies and Kalray for Powerful, On-Demand Data Management

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Dell Technologies delivers comprehensive compute and storage solutions for File, Object, HPC and Cloud workloads with Kalray pixstor and ngenea.

As global enterprises expand their compute and storage performance requirements to drive more innovation and discovery, Dell Technologies continuously delivers products that meet and exceed customers performance expectations. With the solutions from Kalray, including ngenea, Dell Technologies enterprise customers can achieve more, work faster, and scale farther, while eliminating the administrative overhead needed for managing data across tiers of storage. As part of Dell Technologies' High-Performance Computing solutions portfolio, Dell Technologies and Kalray provide thought leadership and expertise to the most demanding computing environments.
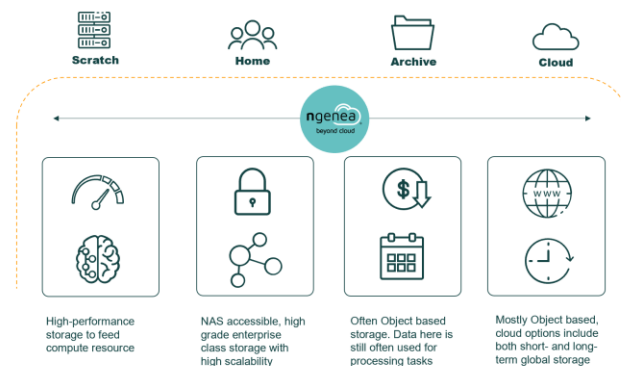
1 | All-in-one, high-performance solution from Dell Technologies

Enterprise data storage requirements are dynamic and require flexible, high-performance solutions that address a variety of workload requirements. With Kalray, Dell Technologies extends its PowerScale and ECS Enterprise Object Storage portfolio to include high speed Tier 0 scratch space as well as flexible data management that unifies and automates data movement among all tiers of data storage.

2 | Unmatched data management

Enterprises want more from their storage investments, but they're struggling to manage data that is spread globally across multiple storage tiers or in the public cloud. With ngenea, Dell PowerScale can offer a powerful, on-demand data management solution that unifies all tiers of storage into a single namespace for a global view of data, eliminating data silos and providing seamless, automated data movement between tiers of storage, whether in scratch, home, archive or cloud storage tiers.

Customer Data and Priorities

| Scratch | Home | Archive | Cloud |

ngenea
beyond cloud

High-performance storage to feed compute resource

NAS accessible, high grade enterprise class storage with high scalability

Often Object based storage. Data here is still often used for processing tasks

Mostly Object based, cloud options include both short- and long-term global storage

3 | Validated designs, powered by Dell Technologies

Dell Technologies validated designs take the guesswork out of deploying high performance solutions that meet your enterprise needs, simply and efficiently. Kalray software-defined storage and data management solutions are powered by Dell PowerEdge hardware, with proven designs that seamlessly integrate new and existing PowerScale and ECS deployments, delivered by Dell Technologies experts and backed by Kalray's global sales and support teams.

4 | Expand Dell Technologies storage footprint

With petabyte scale storage deployments becoming more common, enterprises want to extend the life of their existing systems while continuing to add capacity as seamlessly as possible. With ngenea, Dell Technologies enterprise customers can unify their existing PowerScale storage systems into a single namespace, while adding ECS object storage for long term archive and transparently migrating data between systems as desired.

5 | All in with Dell Technologies

Today's enterprise customers rely on Dell Technologies to deliver the best compute and storage solutions for their high-performance workloads, and Kalray is all-in with Dell to deliver the most comprehensive solutions on the market. As part of Dell's Extended Technologies Complete (ETC) program, Kalray and Dell Technologies collaborate to ensure a seamless customer experience, from global pre-sales support through installation, and beyond.

| About Kalray

Kalray (Euronext Growth Paris - 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 offers include its unique patented Data Processing Unit (DPU) processors and acceleration cards, as well as its leading-edge software-defined storage and data management offers. Kalray's high-performance solutions allow customers to improve the efficiency of their data centers or to design the best solutions in fast-growing sectors, such as AI, Media & Entertainment, Life Science, Scientific Research, Edge Computing, Automotive and more.

Learn more about ECS and PowerScale solutions

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