

CLUSTERSTOR NXD + FORNETIX KEY ORCHESTRATION



ClusterStor™ L300N storage systems with NXD flash acceleration give federal agencies Cray-strength HPC storage with encrypted FIPS drives. You get unprecedented encrypted storage performance for data ingest, extraction and access with purpose-configured solutions for your most demanding applications. The NXD accelerator handles mixed I/Os, giving it the flexibility to take on any workload, anytime.

Refining and Redefining HPC Storage

Storage is no longer simply defined as the hardware that fits in an enclosure. It's also the technology and tools that increase your team's productivity.

With ClusterStor storage, we've balanced the value equation to achieve the right performance levels, speed, scalability, data protection and availability, all at the right budget and without the complexity typically associated with high-performance data storage architectures. Our ClusterStor L300N model is a true hybrid system, built with the right balance of SSD and HDD storage to give you top performance and value.

Stronger Security with No Compromises

The Fernetix® Key Orchestration™ encrypted-key management appliance harnesses the power of the ClusterStor platform through its patented policy engine, compositions, jobs and APIs — including RESTful services — to create a highly secure piece of cybersecurity weaponry.

Best of all, Key Orchestration can be scaled to match the capabilities of a ClusterStor system without slowing down performance. We've combined these two powerful technologies to help your enterprise manage ever-increasing data complexity.

Removing Barriers to Optimal Encryption

You may need massively parallel, globally concurrent and secure system access for tens of thousands of clients, billions of files and hundreds of millions of encryption keys. Key Orchestration removes barriers that constrain optimal encryption deployment. It allows the ClusterStor system to manage vast numbers of encryption keys that can be changed frequently and delivered efficiently.

The result of this integrated solution from Cray and Fernetix is that organizations in government, education and commerce can achieve higher levels of mission success with greatly reduced risk and avoid the costs — financial and otherwise — of cyberattacks, breaches and mishaps.