

SOFTWARE DRIVING

Storage Forward

Speed and operational efficiency depend on extensible software capabilities

The Power is in the Software

Hardware used to be the biggest differentiator between enterprise solutions. To achieve optimal performance and scalability, vendors leveraged emerging hardware advances to make their solutions faster and more capable.

Times have changed, and now the software that powers storage solutions is the key to optimal efficiency and maximum ROI.

Atlas Core makes our products and solutions different. Atlas Core handles and routes data more efficiently than our competitors' products while providing other valuable features and conveniences to enhance overall operations as well as the end-user experience.

Atlas Core combines these data-handling capabilities with automation, ease of use, and a single-pane-of-glass (SPOG) administrative experience.

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From proactively prefetching and then monitoring the integrity of your data to providing the ability to run containerized applications right on our storage solutions, Atlas Core delivers reliable high performance while helping you achieve longer-term ROI as we deliver new features and functions through the software platform.

Key Features

We built Atlas Core around the principles of open standards, open protocols, and open integration. The following features provide flexibility and scalability to meet any workflows or enterprise workloads:

- **SPOG.** Highly usable administrative interface and operational dashboards.
- **Mount management.** Supports mounting of targets via NFS, SMB, and S3 whether on-premises or in the cloud.
- **Data prefetching and caching.** Anticipates and then fetches additional data within the region of initially requested information, then speeds up data access by reading from memory first rather than from slower storage media upon subsequent requests.
- **Clustering.** Enables you to scale up, scale out, or both with additional storage nodes.
- **Data checksumming.** Calculates a checksum to detect and correct any errors in data transfer.
- **Snapshots.** Creates immutable copies of filesystems to make it easy to roll back to the last known functioning state. Supports entire databases and volumes.
- **Bandwidth management.** Establishes bandwidth priority for critical users, workstations, or workloads.
- **Parallel Distributed File System.** Enables scalability and modularity to meet the demands of any data environment or workflow.
- **Routines Engine.** Enables automation of workflows through a nested CLI to schedule task-based executables and minimize opportunities for user error.
- **Pods & Recipes.** Atlas Core supports running containerized applications on the storage solution itself, helping to create standard configurations (recipes) for common containerized applications (pods).

Tangible Value To Your Organization

Hardware is a physical asset that cannot be easily modified or upgraded without capital expenditures and staff effort. Software is different. As we design new capabilities and functions for your enterprise storage solution, we roll them into our Atlas Core software to give you the most advanced functionality with simple software upgrades. This means that your investment is protected long-term as your Atlas Core and entire storage solution evolve with your changing operational needs.

Your business gains further value through the following features as we continue to grow them:

- High performance with low latency to power through the most aggressive workflow or workload, saving you time and money in trying to get your core business done in a timely manner.
- An emphasis on the user and customer experience means that you're never left trying to figure out a problem on your own—our expert support staff knows how to support complex workflows and workloads so that down-time is a thing of the past.
- Enduring that your enterprise data gets to the right place at the right time, right when the user needs it most. Our goal is to make sure your organization benefits from unfettered access to all your corporate data, driving insights and innovation for your core business.

Let's Talk About Your Needs

Reach out to us today so we can listen to your organization's needs and tailor our discussions and demonstrations to the features and functions you need most.

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