

DATA SHEET



Unify Data, Automate Workflows with Pure Fusion

Native Integration

- Natively integrated as core feature into Purity OS on every system
- Supports all protocols of Purity OS
- Receive new features automatically as part of system updates
- Accelerate developer productivity with Portworx integration

Fleet Management

- Manage any array from any array within fleet
- Systems will self-integrate into fleet
- Provision storage anywhere in a fleet, including cloud

Simplicity

- Create custom presets to eliminate repetitive commands for workloads
- Supports API, CLI, or GUI management
- Eliminate misconfiguration risk and human error for workloads
- AI-recommended workload placement and balancing
- Connect with FC, iSCSI, NVMe, NFS, or SMB for block, file, and object

Unleash the power of automation to manage your global fleet.

Pure Fusion™ redefines enterprise storage management by fully automating the deployment and scaling of workloads across any environment. It seamlessly integrates with existing infrastructures to convert complex, manual tasks into efficient, streamlined processes. Businesses can harness the power of automation and global fleet management to unlock unprecedented efficiency and scalability, allowing them to focus on innovation and growth while minimizing operational risks and reducing overhead.

Dealing with Declining Productivity

Increasing scale and complexity in IT environments is causing business disruption. New requirements are exposing the impact of data silos. A new AI project may need high-performance access to data in cold storage, or production data may need to be provided at significantly increased scale for analytics projects. This forces IT teams to respond faster while still preserving governance policy and best practices. A unified modern storage management solution needs to provide more than just a single user interface. It needs to enable administrators to meet requirements with the efficiency, consistency, and speed of automation while eliminating the risk of misconfiguration.

Scalable Management with Automation

Pure Fusion not only offers management capabilities, but also creates scalable solutions by putting the power of automation at your fingertips and allowing you to create workflows with any interface, including application programming interface (API), command line interface (CLI), and graphical user interface (GUI). Authorized administrators with either clicks, commands, or code should be able to not only simply manage but create automated workflows to gain even more operational efficiency.

A single experience is important but shouldn't require a single access point. Rather than an external product that's bolted onto storage systems, management should be purpose-built and natively integrated into a storage operating system itself. Unified management in that scenario is even more powerful and flexible, as an administrator can manage an environment from any endpoint without being constrained to a centralized portal.

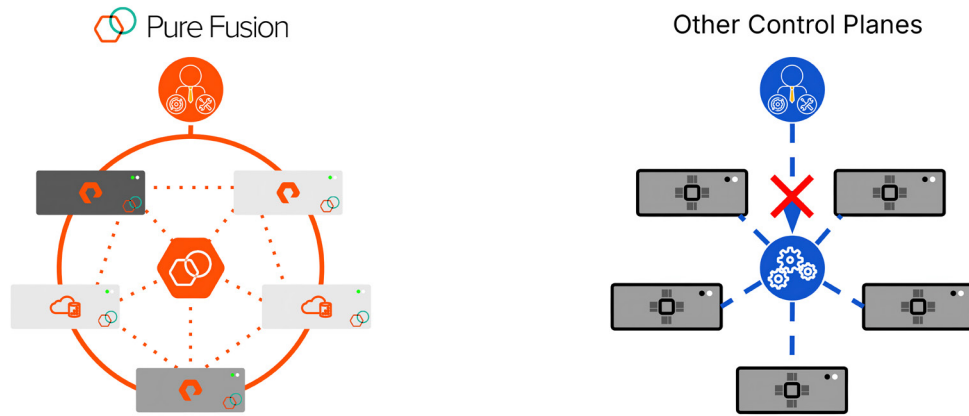


FIGURE 1 Pure Fusion connects disparate data across your fleet

Command a Fleet or a Single System

Pure Fusion is natively integrated into the Purity OS, the operating system shared across all systems that are the foundation of the Pure Storage® platform. It's available as a feature free of charge and doesn't require public cloud access. Anyone can take advantage of the unified management capabilities of Pure Fusion either on a single system or 100 systems.

Securely Federate Automatically

Each system in the fleet is capable of managing the fleet with full visibility across the environment. New systems securely federate and are integrated as part of the global pool of storage. Pure Fusion uses the environment's existing Active Directory/Lightweight Directory Access Protocol (LDAP) for fleet authentication. All systems maintain their identity and contribute to the global storage pool so that administrators can easily manage from any endpoint. Pure Storage platform fleets can be global rather than requiring systems to be physically co-located.

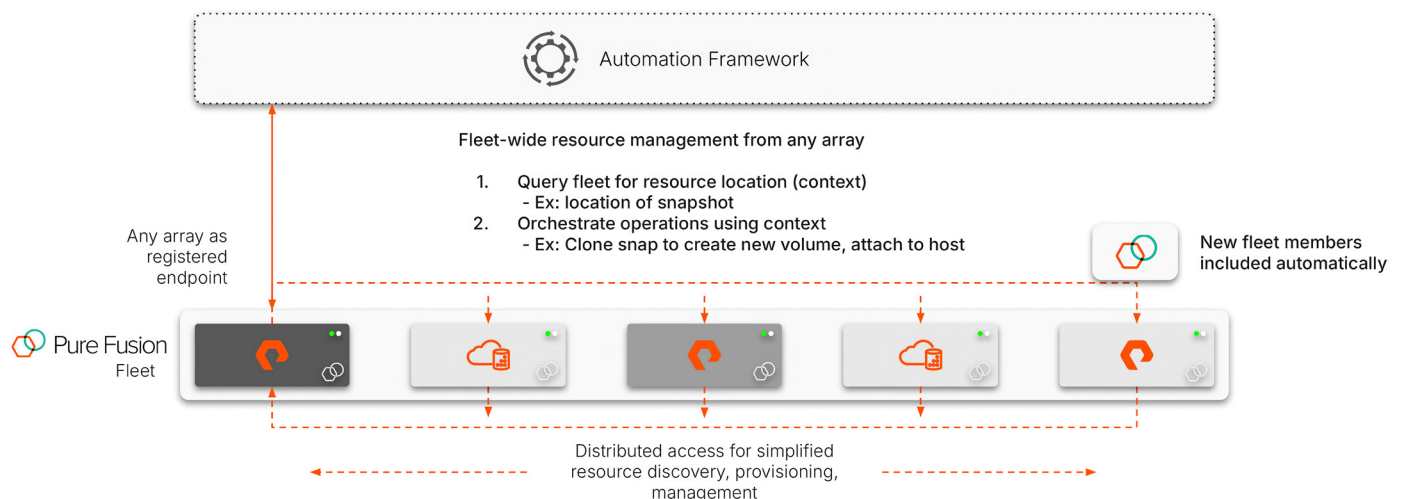


FIGURE 2 Automation framework for Pure Fusion fleet management



Provision Storage Anywhere

Each system in the fleet is capable of managing storage across the entire fleet, regardless of physical location. New systems securely federate and are integrated as part of the global pool of storage. All systems still maintain their identity, and administrators can provision storage anywhere—on premises or any Pure Storage public cloud instances.

Automate Deployment with Storage Presets

With Pure Fusion, the attributes and requirements for storage volumes can be abstracted to the workload level. The requirements for that workload can be defined by template rather than defined in custom code. These custom storage templates, referred to as presets, enable administrators to automate common configurations for provisioning workloads.

Manual and repetitive steps for storage provision and configuration create misconfiguration risk, especially at scale. Custom presets can ensure that data protection, quality of service (QoS), and business attributes are consistent and predictable for new deployments. Productivity is increased both now and in the future, as less custom code reduces future technical debt.

AI-driven Workload Placement

Forget the hours spent manually balancing arrays to optimize workload deployment. Pure Fusion automatically recommends the best system for your needs, ensuring optimal performance and eliminating the risks of improper provisioning. Balancing is simplified with recommendations as new storage gets added to the environment or workload requirements change.

Always Improving and in Sync with Storage

As a natively integrated capability of Purity OS, Pure Fusion is always in sync with the storage systems that it runs on. There's no external license, external management software, or additional cost. Updates, new features, and fixes are included with Purity updates to make storage management more autonomous, efficient, and powerful so that you can spend less time on manual storage management.

Bridge the Gap for Kubernetes App Deployment

Portworx® integrates with Pure Fusion to accelerate developer productivity. Auto-discover your storage fleet, publish Pure Fusion presets as Kubernetes StorageClasses, and apply the Pure Fusion placement engine to enforce policy-driven volume deployment.

Additional Resources

- Sign up for a [test drive](#) to try out Pure Fusion.
- Check out the product [webpage](#).
- Watch the [demo videos](#).
- Learn more about how Pure Storage helps you [build an Enterprise Data Cloud](#).
- Learn about the [Pure Storage platform](#).

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800.379.PURE

