

ADAPT, SCALE, AND THRIVE IN A DATA-DRIVEN WORLD

Effortless data management,
powered by HPE

Managing data across hybrid environments shouldn't feel like wrestling chaos. Yet for many organizations, operational inefficiencies, skyrocketing costs, and rigid legacy systems are creating barriers to innovation. It's time for a smarter approach, one that simplifies data management, improves efficiency, and brings agility to your hybrid cloud strategy. With scalable solutions built for hybrid cloud and AI-powered workloads, Hewlett Packard Enterprise helps you untangle the mess, reclaim control, and propel your business forward.

Unraveling the true cost of complexity

The explosion of data has unlocked incredible opportunities, but it's also brought with it a wave of complexity that businesses are struggling to contain. You are no longer just storing data; you are navigating massive volumes, security risks, mobility demands, and workload optimization while grappling with legacy systems that simply can't keep up. Far from enabling agility, these outdated systems create bottlenecks, forcing your IT teams to wrestle with fragmented workflows and draining resources that could fuel growth.

Amid all this growing complexity, scaling effectively remains one of the biggest hurdles. Legacy systems turn scaling into an uphill battle, often requiring overprovisioning and driving up costs just to keep pace. Hybrid environments further amplify the challenge, demanding flexible, scalable solutions that deliver consistent performance across on-premises and cloud infrastructures. Yet, outdated systems fail to rise to the occasion, forcing you to grapple with infrastructure that falls short of modern expectations.

A smarter way forward

Hewlett Packard Enterprise offers a suite of solutions to meet these challenges head-on: HPE Data Fabric Software, HPE GreenLake for File Storage, HPE Alletra Storage MP B10000, and HPE Alletra Storage MP X10000. These solutions bring simplicity and smart design to data management with a unified cloud platform that's built for modern IT operations. Whether you're managing diverse workloads or scaling resources, this powerhouse lineup delivers flexible payment options, integrated data services, and built-in security to help you achieve efficiency, control, and reliable performance without the hassle.

Unified platform for your disconnected data silos

Data silos act like roadblocks, cutting your business off from critical insights and operational clarity. Pair that with poor data management, and 80% of AI projects are doomed to fail.¹ **HPE Data Fabric Software**, a solution designed to unify your disparate data sources into a centralized data lakehouse, can take the chaos out of data management.

At the heart of this platform is its global namespace (GNS), a unified naming scheme that makes accessing, managing, and governing data effortless. No more patching together custom connectors or building complex ingestion pipelines. GNS simplifies data access across data types and sources, from structured to unstructured and even modern formats such as Apache Iceberg tables. Its federated approach mitigates the need for redundant data copying, saving you time, resources, and a whole lot of headaches.

Whether you're operating in a hybrid or multicloud environment, HPE Data Fabric Software has you covered. It's vendor-agnostic, supporting deployments across on-premises, cloud, and edge environments. And it's optimized for AI and analytics workloads to accelerate machine learning workflows and boost query performance. Security and compliance are baked in, with policy-driven encryption, role-based access control, and adherence to industry standards such as SOC 2, HIPAA, and GDPR.

¹ [The root causes of failure for artificial intelligence projects and how they can succeed](#), RAND, August 2024

Storage that works as smart as you do

Why wrestle with storage infrastructure when you don't have to? **HPE GreenLake for File Storage** gives you the power of enterprise-grade performance without the headaches of ownership. Built for data-intensive workloads, it delivers all-NVMe speed for fast, predictable performance without the need for data shuffling or front-end caching. NFS, SMB, or anything in between — access your data effortlessly and scale like a pro, no matter how big your workloads grow.

Powered by HPE GreenLake cloud, you get a cloud-like experience with streamlined deployment, easy file share creation, unified management through a single console, and automated, nondisruptive upgrades.

From analytics to financial modeling, HPE GreenLake for File Storage simplifies the process and cuts the clutter. Think faster insights, quicker job completions, and smarter collaboration. Pair that with efficient flash storage and data reduction, and you've got a platform that's as streamlined as it is powerful.

Smart scaling for your evolving needs

Say goodbye to outdated, rigid storage systems with **HPE Alletra Storage MP B10000** that offers the industry's first disaggregated, scale-out block and file storage with a 100% data availability guarantee.² With secure, always-on architecture and AI-driven cloud experience, this solution mitigates complexity, silos, and the grind of infrastructure management.

HPE Alletra Storage MP B10000 doesn't just simplify; it optimizes. You can scale capacity and performance independently, so you're seldom stuck overprovisioning or wasting resources. The payoff? Up to 40% lower TCO,³ making it a win for your budget and operations. Plus, with integrated ransomware detection, your mission-critical applications stay secure, no matter what.

Available through HPE GreenLake, HPE Alletra Storage MP B10000 brings the speed and agility of the cloud straight to your on-premises environment. It slashes operational overhead by 99%,⁴ simplifying every stage of the lifecycle — from rapid deployment to invisible upgrades. A unified cloud console lets you manage, monitor, and protect your data seamlessly with built-in disaster recovery and effortless data mobility across hybrid environments.

AI fuels the brainpower behind HPE Alletra Storage MP B10000, predicting and resolving 86% of disruptions.⁵ This gives admins access to intelligent recommendations and predictive support automation, cutting out time-consuming escalations and enabling smarter decision-making.

Performance that flexes with your data-centric workloads

HPE Alletra Storage MP X10000 is built to handle the growing demands of your AI, analytics, and data-driven workloads. Its software-defined, scale-out architecture combines high performance all-flash object storage with automated metadata enrichment, empowering you to accelerate initiatives such as active data lakes, large language models, and rapid restores.

The disaggregated architecture lets you scale capacity and performance independently, mitigating inefficiencies and cutting costs as you grow from terabytes to exabytes on the same hardware. Managed through HPE GreenLake, HPE Alletra Storage MP X10000 unifies block, file, and object storage, offering a seamless experience across hybrid environments.

With built-in intelligence to enrich data relevance for AI and analytics, along with features such as inline data reduction, erasure coding, and secure encryption, HPE Alletra Storage MP X10000 is designed for efficiency and security. For IT teams, it's all about simplicity — automated processes and centralized management tools that reduce maintenance headaches so you can focus on strategic goals.

Reliable, scalable, and ready for the demands of modern workloads, HPE Alletra Storage MP X10000 delivers consistent, low-latency performance without overprovisioning or unnecessary complexity.

^{2, 3, 4, 5} [HPE Storage substantiation](#), HPE internal, 2025

Lost in the data maze? HPE has you covered

Imagine leaving complexity behind and embracing a streamlined, intuitive approach to data management. HPE solutions embody this vision, making scaling your operations effortless and empowering you to adapt to changing demands without waste or disruption. AI-driven insights significantly reduce guesswork, allowing you to optimize your hybrid cloud seamlessly and take full control of your data strategy. The benefits are undeniable: simplified workflows, enhanced agility, and the freedom to focus your resources on what truly matters — delivering results, driving innovation, and achieving your goals. By empowering your business with intelligent solutions and strategies, HPE transforms how you manage and leverage data, providing the foundation you need to thrive in a data-driven world.

Learn more at

[HPE.com/storage](https://hpe.com/storage)

Visit [HPE.com](https://hpe.com)



[Chat now](#)

© Copyright 2025 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

a00150723ENW

HEWLETT PACKARD ENTERPRISE

hpe.com

