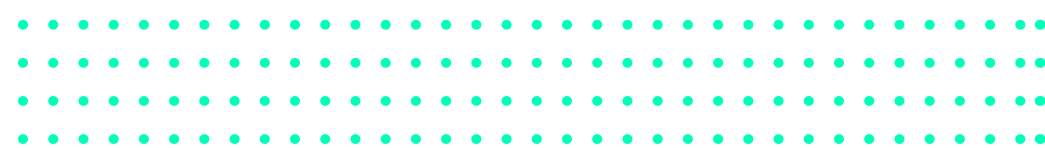


Solution Brief

Accelerate AI & Data-Intensive Workloads

with HPE GreenLake for File Storage





Stay Future-Ready with Scalable, Flexible File Storage

The exponential growth of data is creating steep challenges for enterprises, who must find ways to manage, process, and extract value from that data. To keep pace, IT teams must find infrastructure and file management solutions that can help them unlock their data's full potential—without creating extra complexity.

HPE GreenLake for File Storage delivers on all counts. Designed for today's most data-intensive workloads, such as AI and analytics, it provides **scalable performance, the flexibility of the cloud, and the simplicity of a unified management platform**. IT teams can streamline data management and scale flexibly, while accelerating their IT and business objectives.

With Logicalis, a global Managed Service Provider and Platinum HPE Partner, you can leverage HPE GreenLake for File Storage to drive your IT and business goals forward. From advisory services to implementation, management, and support, Logicalis can help you increase the strategic value of their data and stay future-ready in the era of AI.





Tap into the True Value of Your Data

HPE GreenLake for File Storage is an all-in-one file management solution that delivers top-tier performance, unified management, flexible scaling, and robust data protection.



Enterprise Performance for AI & Data-Intensive Workloads

HPE GreenLake for File Storage accelerates even the most demanding workloads with a high-performance architecture that delivers high availability, exabyte scale, and efficiency at lower cost. HPE GreenLake for File Storage has **NVIDIA DGX BasePOD certification** and **NVIDIA OVX storage validation** for proven enterprise file storage that accelerates AI, GenAI, and GPU-intensive workloads at scale.



Simple, Unified Management Through One Console

Through a single unified console, IT teams can **monitor**, **manage**, and **scale their storage infrastructure with ease**, eliminating the complexities traditionally associated with on-premises systems. This centralized management experience significantly reduces administrative overhead and streamlines day-to-day operations. By consolidating control into one intuitive interface, organizations can focus on strategic initiatives rather than getting bogged down in operational details.



Enterprise-Grade Performance and Scalability

Organizations can achieve up to **2.3x the capacity density** and **32x the throughput**, which translates into tangible cost savings and superior ROI. Its flexible, disaggregated architecture delivers agility and resilience that adapts to changing workloads, without compromising performance - enabling teams to not only meet today's demands but also future-proof infrastructure as workloads evolve.



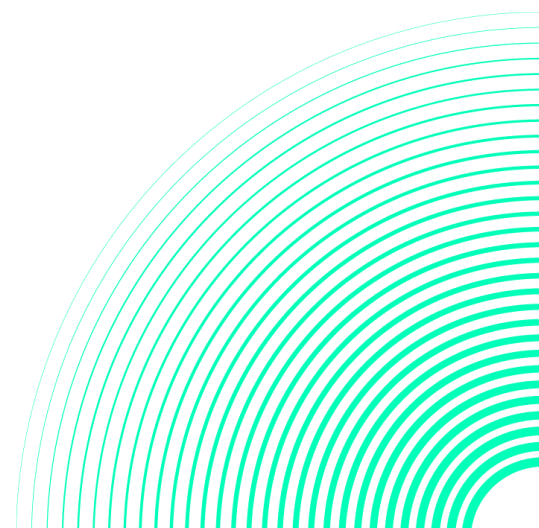
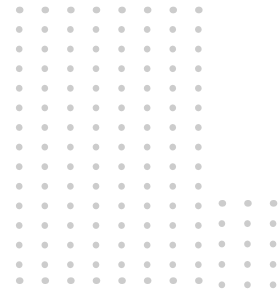
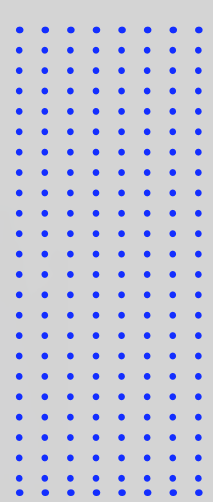
Efficient, Flexible Economics

With consumption-based pricing, HPE GreenLake for File Storage lets you only pay for what you use. The ability to **scale performance and capacity independently** eliminates the risk and cost of overprovisioning. Along with advanced data reduction techniques, these capabilities reduce capital and operating expenses, improve power and cooling metrics, and deliver a high ROI alongside enhanced sustainability.



Data Protection & Resiliency

Robust data protection features ensure continuous operations and rapid recovery from disruptions. Adaptive **data reduction**, **erasure coding**, and **fault tolerance** safeguard data at every step. These capabilities help minimize the risk of data loss and ensure that, even in the face of hardware failures, your business remains up and running.



Robust, Flexible Architecture for High-Performance Workloads

HPE GreenLake for File Storage is built on the [HPE Alletra Storage MP platform](#), which offers both standard-density and high-density modules designed to evolve with your business needs. This platform leverages advanced technologies to deliver the performance, scalability, and efficiency needed for data-intensive workloads.

- Dedicated compute enclosures (CBoxes) house multiple CNodes to deliver scalable processing power.
- Storage enclosures (DBoxes) are optimized for NVMe SSDs and storage class memory, providing high-density throughput in a compact footprint.
- All-NVMe architecture enables rapid data processing without performance bottlenecks—essential for many modern applications.
- The innovative DASE (Disaggregated Shared-Everything) architecture eliminates east-west traffic overhead by giving every CNode equal access to global metadata.



Together, these technologies and features enable an enterprise-grade, scalable platform that supports a range of workloads and use cases, while driving efficiency and cost savings.

Organizations across industries—from healthcare and financial services to telecommunications and manufacturing—can harness HPE GreenLake for File Storage to power their most demanding applications. Whether it's accelerating [AI research](#), [model training](#), or [computing workflows](#), HPE GreenLake's advanced file storage solution can help transform the way teams work with data.

Compared to traditional storage solutions, HPE GreenLake for File Storage offers significant advantages in terms of capacity density, power efficiency, and performance scalability. The combination of enterprise-grade performance, a unified management experience, and flexible, consumption-based economics makes it the ideal choice for businesses aiming to thrive in today's digital landscape.

Partner with Logicalis for HPE

GreenLake for File Storage

Logicalis, a global leader in IT services, combines strategic vision with deep technical expertise to empower businesses with cutting-edge technologies. **An HPE Platinum Partner with a specialized HPE GreenLake solution designation**—and a long, proven track record of success—Logicalis helps clients leverage HPE to transform their infrastructures, IT practices, and business outcomes.

Our highly certified team of HPE technology experts brings in-depth knowledge and professional services that ensure seamless design, deployment, and management—so you can focus on your business, rather than the complexity of IT and infrastructure management.



HPE Partner Ready Platinum Partner

Leverage Logicalis' specialized competencies, including the HPE GreenLake Competency, for expert, consumption-based infrastructure solutions.



Global Expertise

Authorized to deliver HPE solutions in 15 countries, ensuring consistent service and support worldwide.



End-to-End Services

Logicalis covers the entire IT solution lifecycle, from advisory to professional and managed services.



Proprietary Infrastructure Management

Benefit from AI-powered tools like the Digital Fabric Platform for infrastructure analytics and real-time recommendations.

Are you ready to accelerate your AI and data workloads?

Contact Logicalis today to explore how HPE GreenLake for File Storage can transform your data infrastructure and drive business growth.

logicalis-hub.com/hpe/greenlake