



**Solution Brief**

# Free Your Data from Edge to Cloud

 **LOGICALIS**  
Architects of Change

  
**Hewlett Packard**  
Enterprise

# Maximize Agility, Run Any App, and Simplify Finances with Cloud-Native Storage from HPE

Innovation, apps, agility, and business growth all hinge on IT's ability to tap into the organization's data. Businesses of all sizes seek to leverage data to achieve better outcomes, yet technology continues to evolve, and with it, costs, risks, and complexity.

The good news is that the typical organization has vast troves of untapped data at their fingertips. The bad news: with multi-gen IT, sprawling environments, and the exploding volume of data, many organizations are facing an uphill battle when it comes to data management.

The global volume of data is expected to more than  
**double in size from 2022 to 2026**<sup>1,2</sup>

What's more, infrastructure is often pushed aside in favor of other initiatives, and IT teams are left with a hybrid multi-generational environment that is full of silos, complexity, and challenges.

## Facing the Multitude of Hybrid IT Challenges

With multi-gen IT environments spread from edge to cloud, ballooning portfolios of apps, cyberthreats, and more, IT teams are facing challenges on multiple fronts, including:



### Siloed data

Many organizations store data in separate locations and systems, which can make it difficult to access, analyze, share, and gain insights, while also leading to inefficiencies, errors, and missed opportunities.



### Cybersecurity

Fragmented IT environments and the increasing number of cyber threats pose a greater risk to data and, in turn, the organization - and today, multi-gen and legacy infrastructure make security increase complexity, attack surfaces, and vulnerabilities.

1. [www.marketresearch.com/IDC-v2477/Worldwide-IDC-Global-DataSphere-Forecast-31469143/](http://www.marketresearch.com/IDC-v2477/Worldwide-IDC-Global-DataSphere-Forecast-31469143/)  
2. [www.idc.com/getdoc.jsp?containerId=US49759222](http://www.idc.com/getdoc.jsp?containerId=US49759222)



### **Skills shortages**

The more complex an IT environment, the more challenging it is to find skills that cover the range of necessary technologies. Without the right expertise, these challenges can lead to difficulties in keeping up with the latest advancements and challenges.



### **Scalability**

Traditional onsite infrastructure requires significant upfront investments, and with the typical lag in procurement timelines, resources are rarely available when they're needed most. For this reason, many IT leaders seek out solutions that offer cloud-like scalability, flexibility, and cost efficiency.



### **Cost**

With multiple generations of software, hardware, maintenance, and support, the cost of maintenance and upgrades often outweigh the returns. On-demand resources, such as those offered through as-a-service IT, can keep costs down, while delivering much-needed agility and flexibility.



### **Data Management**

Unified data management is one key to unlocking the business value of data. But with the increasing volume and complexity of data, along with data silos and fragmented IT landscapes, it is increasingly difficult to execute a streamlined, unified data management strategy.

**“Customers today face unprecedented challenges in managing their data. The rapid increase in the volume and complexity of data has forced organizations to manage it all with a costly combination of siloed storage solutions.”**

- Tom Black  
Executive VP & General Manager, HPE Storage

A unified approach to data management can certainly help address these challenges, but this can only be accomplished with a solution that is equally as unified. The question is: in such a fragmented IT environment, which technologies can deliver the right combination of agility, availability, simplicity, scalability, and affordability?

## **Freeing Your Data with Cloud-Native Data Infrastructure**

Cloud-native data infrastructure addresses all of the problems associated with multi-gen, legacy, and onsite IT environments. Because it is hosted in the cloud, it is always available across the entire hybrid IT landscape. Updates are continuous and seamless, and IT teams can manage everything through one unified interface.

**Other key benefits:**

- A unified approach to data management enables the consolidation of data silos.
- Infrastructure is vastly simplified, which lowers maintenance costs, removes inefficiencies, and decreases the need for a wide variety of skill sets.
- Resources can be added or removed as needed, which helps reduce costs and remove the potential for service disruption.
- Inbuilt, automatically updated security measures help protect against evolving threats.
- The most modern solutions include software, such as AI-driven analytics, that continuously optimizes storage and offers insights.

In short, the right cloud-native data infrastructure can help organizations break away from legacy storage, streamline their infrastructure, and free their data. Not all cloud-native infrastructure is created equal, however, so it is important to consider which solutions will offer the best cost-benefit analysis and ROI.

**HPE Alletra: A Paradigm Shift in Data Infrastructure**

HPE Alletra is cloud-native data infrastructure that delivers mature cloud operations on-premises, for any app, with a consistent experience across the hybrid environment.

**Leverage Autonomous Operations**

AI-driven intelligence, advanced recommendations, and autonomous operations enables you to predict and prevent problems and redefine the support experience.

**Minimize Complexity, Maximize Agility**

Because it is cloud-native, you can deploy in minutes, automate with intent-based provisioning, upgrade invisibly, and manage from anywhere.

**Don't Manage Data Infrastructure, Consume It**

Offered as a service through HPE GreenLake, HPE Alletra helps free up cash flow, scale up or down seamlessly, and act as a turnkey storage solution for every workload, everywhere.



**HPE Alletra 9000**

HPE Alletra 9000 is ideal for your mission-critical workloads with extreme latency sensitivity and availability requirements.



**HPE Alletra 6000**

HPE Alletra 6000 is built on ultra-efficient, ultra-fast architecture and perfect for business-critical workloads with strict SLAs for availability and performance.



**HPE Alletra 5000**

HPE Alletra 5000 delivers simple, reliable, and cost-efficient cloud native data infrastructure adaptively designed for both mixed primary and secondary workloads.



With HPE Alletra, you can run any app, from traditional to modern, without the complexity of traditional storage management. It allows you to refocus your efforts on IT initiatives that matter, while avoiding the unpleasantities that come with managing data infrastructure, including unplanned downtime, forklift upgrades, increasing support costs, and more.

## **Free Your Data, Your Finances, and Your Time**

### **with Managed HPE Services from Logicalis**

In an IT world of ever-increasing complexity, HPE Alletra presents a compelling offering that can help businesses simplify complexity, free their data, and focus on their most pressing priorities. With a unified cloud operating experience, AI-driven infrastructure, and as-a-service pricing, IT leaders can keep up with the blistering pace of innovation and maintain the agility they need to thrive.

Like any enterprise-grade IT solution, however, migrating to, adopting, and making full use of HPE Alletra requires deep technical expertise.

Logicalis, a trusted HPE partner since 1993, works closely with HPE to deliver custom solutions for organizations of every size, in every corner of the globe. From HPE Alletra to HPE GreenLake, from compute to storage to networking, we have extensive experience helping businesses modernize and transform with HPE.

**To learn more, get in touch with our HPE team today.**  
[logicalis-hub.com/hpe](https://logicalis-hub.com/hpe)