

# The HPE Storage Portfolio Explained

## What is the right Storage Solution for your business?

### Our Company

CCS Media is a Technology and Supplies Reseller with over 40 years of experience delivering first-class IT solutions and services to organisations of every kind across the UK and beyond. Our network of Offices and Warehouse and Logistics Configuration Centers, secures unrivalled nationwide scale for supply and service, matched with the comfort of local presence. We work with more than 2,000 manufacturer partners and sell more than 1.3 million products as part of the solutions we deliver to our 14,000 customers. In 2022, we achieved revenues in excess of £281m and in 2021 we are delighted to have been awarded 2 Stars for Best Companies Outstanding to Work For, Technology's 50 Best Companies to Work For, The UK's 100 Best Large Companies to Work For and 5 regional Best Companies awards.

**To find out more about HPE Storage Solutions, speak to one of our HPE Specialists:**

**Call 01246 200 200 or**

**Email [letstalk@ccsmedia.com](mailto:letstalk@ccsmedia.com)**

### Our People

Our 500+ strong team of experts are what makes our company a success. Encouraged to work in whatever way is most beneficial to our customers, our people are tasked with taking the raw materials at their disposal – our operational capability, finance, technology knowledge and customer context to shape the best possible outcome from every project.

With a deep strategic partnership with HPE, we are the most highly trained and certified partner in Europe, enabling us to deliver solutions and advice across the whole HPE Portfolio.

As an Authorised Reseller we have access to range of programs that makes sure our customers invest in the right storage solution at the most cost effective price.

- Trade-In and Buy Back Schemes
- Special Bids
- HPE Financial Services
- Evaluation and Demonstration Products

## What is the right Storage Solution for your business?

### HPE Storage Portfolio

Recent advances in storage technologies have resulted in a plethora of new products and even new vendors coming to market. Despite these advances the underlying principles and core requirements of data storage remain the same. Whether you are looking to add simple network file storage, enhanced your backup strategy or deploy enterprise grade, highly intelligent, all flash arrays, HPE have a solution to meet your needs, now and in the future. HPE's comprehensive storage portfolio that provides modern, flexible, scalable storage solutions to meet all needs and budgets.

### Why Hewlett Packard Enterprise?

The breadth of the Hewlett Packard Enterprise storage portfolio is unmatched in the industry, ranging from innovative technologies and high performance platforms to integrated management tools, expert consulting, and multi-vendor support. Your organisation can take advantage of these innovations that deliver simplicity, performance, and savings at any scale.

## HPE Alletra

Simple, reliable, and cost-efficient flash storage for your primary and secondary workloads. HPE Alletra 5000 is a cloud native data infrastructure platform adaptively designed for a mix of primary workloads and secondary backup and disaster recovery.

### Overview

- Moving to HPE Alletra 5000 is easy and hassle-free. HPE Nimble Storage Hybrid Flash Array customers can take the risk and complexity out of switching to HPE Alletra 5000 with quick, non-disruptive data inplace upgrades. In-field controller upgrades enable you to continue to use and drive ROI from your existing HPE Nimble Storage chassis, media, and networking.
- Fully cloud-managed infrastructure means you can globally monitor and manage your entire fleet of block storage from a single SaaS-based cloud console that's accessible from any location, on any device
- Say goodbye to endless firefighting thanks to HPE InfoSight, industry-leading AI Ops for infrastructure that drives autonomous operations and helps ensure your apps are always-on and always fast.
- 99.9999% availability guaranteed for general purpose apps
- You choose how to consume HPE Alletra 5000 with a choice of CAPEX/subscription or pay-per-use models. A flexible as-a-service consumption model with HPE GreenLake enables you to avoid over- and underprovisioning concerns, CAPEX budget constraints, and complex procurement cycles.



Financial Solution Services



Storage Installation Services



Evaluation Demonstration Products Services



Project Management Services



### Key Features

- Delivers up to 25% faster performance than previous HPE Nimble Storage Adaptive Flash Arrays.
- Developed from the foundation of HPE Nimble Storage Adaptive Flash Array architecture, proven to deliver speed, efficiency, and resiliency – and now with Cloud operational agility.
- Transform from LUN-centric to AI-driven, application centric storage provisioning. No storage expertise required, and no more guesswork.
- Eliminate chaos with industry-leading AI Operations for infrastructure driving autonomous operation, transforms the support experience and helps ensure your applications are always-on and always fast.
- Designed for high availability and extreme resiliency requirements with 6x9s availability guaranteed and Triple+ Parity RAID as standard with zero performance impact.

### Key Points



#### Simple

No storage expertise required, and no more guesswork



#### Reliable

Designed for high availability and extreme resiliency



#### Cost-Efficient

Shift from heavy upfront costs to a transparent and predictable monthly subscription

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## HPE MSA Storage Entry SAN Storage



### Overview

Finding explosive data growth a pain? Running on a tight IT budget? What will happen when your existing Storage can't scale further? HPE has the answer. The MSA Family is an affordable storage array with the ability to scale alongside your data. The newest generation of the MSA Family range from the budget optimised 1050 to the Hybrid Flash optimised 2052.

The MSA is the industry leading entry level SAN and has been for the previous 8 years. With continued support and investment the MSA family is now more powerful than it's ever been with the flexibility of being a hybrid ranging to all flash. Delivering enterprise style storage at SMB prices, the MSA continues to reduce organisations costs, lower risk and enhance business efficiency whilst being simple to implement and manage.

With over half a million units deployed, you can invest with confidence in HPE MSA Storage. From best-in-class performance – including hybrid flash for application acceleration – to intuitive setup and management, HPE MSA delivers affordable entry level storage solutions for small and midsize businesses as well as departmental or remote office workloads for enterprise customers.

### Best Solution for...

- Moving from Direct Attached Storage (DAS) to their first SAN
- Initial or entry-level server virtualisation projects
- Remote Office/Branch Office (ROBO) environments
- Looking for a cost-effective Disaster Recovery repository/archive
- Customers searching for lowest cost modular/building block shared storage for scale-out applications
- Needing a storage solution that protects their investment and grows as the business grows
- Looking to take their first steps into Flash on a limited budget

### Key Points



#### Simple

No need for an IT department, plug in and go!



#### Scalability

Expandable array, grows as the business grows, protecting your investment



#### Affordability

Enterprise style storage, at SMB prices with a clear upfront price



Financial Solution  
Services



Storage Installation  
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# Nimble Storage with Machine Learning

## Intelligent, Self- Managing Flash Storage

### Overview

Nimble brings together robust system design with predictive analytics to deliver the highest measured availability in the storage industry and a transformed support experience. Building predictive analytics into the core architecture from day one allows infrastructure to learn, no matter how long it has been deployed.

Nimble has measured availability greater than six nines (99.9999%) across more than 10,000 customers, providing uptime for customers. This translates to an impact of less than 25 seconds per year. Over 86% of support cases are automatically resolved by InfoSight, saving time and money from trying to diagnose and troubleshoot. 54% of issues that InfoSight resolves are outside of storage, addressing a full spectrum of issues that impact infrastructure uptime.

Intuition says that reliability will go down and the likelihood of problems will increase as systems age. However, Nimble Storage has flipped that paradigm with InfoSight Predictive Analytics.

### Best Solution for...

- Upgrading from traditional and legacy SAN storage to flash while seeking a new, simple, support approach
- Looking for a cost-effective modular storage solution, that includes flash, for scale-out applications
- Wanting a highly-available hybrid/all-flash solution where they can start small and grow without disruption
- Customer is concerned that on-premises purchases today may not fit with flash or cloud strategy for tomorrow
- Current infrastructure doesn't meet performance requirements
- Needs greater performance for latency-sensitive apps, or faster performance for VM intensive workload

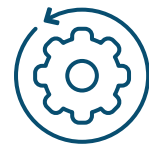


### Key Points



#### Predictive

InfoSight predicts and prevents issues to deliver greater availability.



#### Autonomous

InfoSight's self managing capabilities oversees your infrastructure so you don't have to.



#### All-inclusive

All software features are included in purchase. No extra charge for InfoSight.



Financial Solution Services



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## HPE SimpliVity Hyper-Converged Storage

HPE SimpliVity is the industry's most powerful hyperconverged platform, uniting best-in-class data services with the world's bestselling server.

### Overview

HPE SimpliVity delivers the performance, reliability, availability, security, efficiency, backup, and disaster recovery that enterprises expect, in a fully integrated, easy-to-deploy system. Furthermore, the HPE SimpliVity solution consolidates these capabilities into a single x86 building block that scales out with additional nodes, resulting in up to three-fold TCO savings. Compatible with both VMware and Microsoft Hyper-V.

### Best Solution for...

- VM-centric management - Simple, global management through VMware vCenter enables quick deployment, backup, cloning, movement, and restoration of VMs. 1 TB VM restore in under 60 seconds!
- Organisations that are looking to simplify and consolidate infrastructure for some or all of their virtualised workloads
- ROBO - Enterprise with distributed branch offices that are struggling with deploying consistent strategy for production apps and backup across entire enterprise
- Data Centre consolidation - looking to reduce complexity and add efficiencies in capex and opex
- Data and workload migration - Enterprises experiencing rapid growth and struggling to make infrastructure decisions that will scale over time
- Data protection - Enterprise needing to provide critical services like backup and DR, to protect from threats like ransomware while minimising complexity and cost
- Tech refresh - Enterprises looking to modernise infrastructure to achieve better functionality, simplicity, and TCO savings as they grow
- VDI - Enterprises struggling to keep pace with growth demanded by virtual desktop infrastructure



### Key Points



#### Simple

No need for an IT department, plug in and go!



#### Protected

Built in resiliency, data protection and integrated disaster recovery ensures highest levels of data integrity.



#### Data Efficiency

Guaranteed 90% capacity savings across VM storage and backup through de-duplication, compression and optimisation



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