

HPE Alletra Storage

Advance your IT sustainability goals

Industry-leading HPE Alletra Storage solutions can play a critical role in reducing energy use and emissions.



Leverage modern, future-proof infrastructure to save on data center space and energy consumption, optimize operational efficiency and visibility, and meet evolving regulatory standards.

IT sustainability benefits of intelligent HPE Storage

Smarter IT

Scale big with a small (green) footprint

Across both structured and unstructured data use cases, HPE Storage solutions utilize HPE Alletra Storage MP, which features an efficient, disaggregated scale-out design that allows you to start small and scale big, along with the ability to independently scale performance and capacity. By standardizing on HPE Alletra Storage MP, the number of spares and accessories that must be carried can be reduced. Such innovations simplify hardware deployment while reducing data silos, e-waste, and overall carbon footprint.



Smarter agility

Leverage data-driven insights to optimize your systems

The HPE Sustainability Insight Center provides energy and carbon emissions reporting through a unified console. We empower you to make impactful changes, slash costs, and achieve IT sustainability goals by calculating carbon emissions and energy expenses based on actual power data from HPE Compute, HPE Aruba Networking and HPE Alletra Storage infrastructure managed by HPE GreenLake.

Smarter by design

Use fewer resources to power your data

About one-third of both public cloud and on-premises capacity goes unused. HPE Alletra Storage MP B10000 enables you to consume capacity as needed — and avoid the wasted expense of overprovisioning. Access additional capacity in minutes with a buffer that can be replenished as your usage approaches capacity. Exceed your minimal monthly commitment while considering whether adding more capacity to your data center makes sense. Self-service provisioning of applications and storage also increases productivity while freeing up your IT team to focus on more strategic activities.

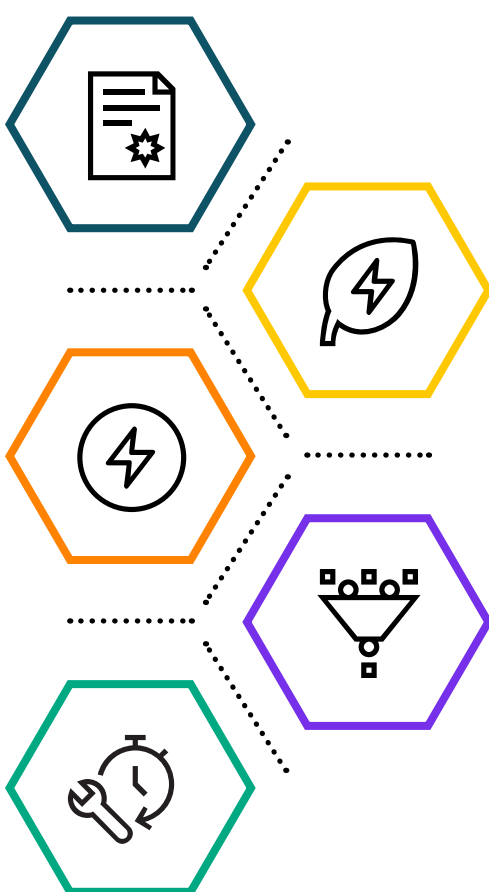


Smarter storage solutions

Titanium-certified power supplies offer **96%** power efficiency and a **25%** smaller footprint than previous power supply generations.¹

Flash-enabled storage lowers power consumption by as much as **25%**.²

ENERGY STAR®-certified HPE Alletra Storage 4000 and HPE Alletra Storage 9000 help meet operational and efficiency requirements, including power and cooling, storage density, e-waste reduction, and more.



The smarter design of HPE Alletra 9000 reduces power consumption and heat by over **40%**, rack space by **73%**, and annual CO2e by **45%**.³

Advanced deduplication, compression, and zero pattern elimination technologies achieve as much as **4:1** data reduction or more.

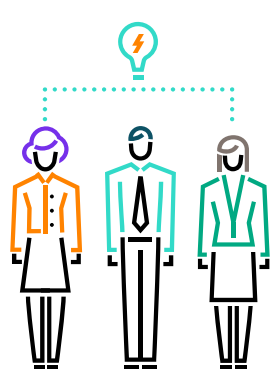
HPE IT sustainability asset management quick facts

HPE GreenLake customers achieve **53%**⁴ lower infrastructure energy consumption.

\$1.1B infused back into customer budgets from upcycling and accelerated migration programs over the last 3 years.

3M assets returned to our Technology Renewal Centers; **85%** given a new life.⁵

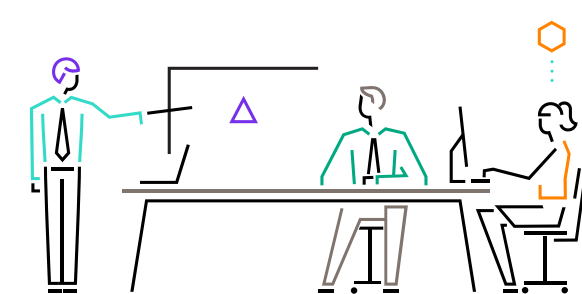
\$10M in energy costs saved by a single customer as a result of HPE Services.



Why HPE?

Leading analysts regularly rank Hewlett Packard Enterprise as an industry leader in corporate sustainability. We're a leading services company for addressing IT sustainability from your data center facility all the way through to your individual workloads. With over 30 years of proven leadership, we've got numerous industry firsts to our credit, such as:

- Industry-leading supply chain assurance program.
- Design for environment program makes HPE the first company to set science-based emissions targets across our entire value chain.
- **6000+** patents with low-carbon applications since 2000, including photonics and nonvolatile memory.⁶



¹ HPE 1800W-2200W Flex Slot Titanium Hot Plug Power Supply Kit

² All-flash Arrays vs. Hard Disk Drives: 5 Myths About HDDs

³, ⁵, ⁶ Based on HPE internal calculations

⁴ "Business Value of HPE GreenLake: Sustainability Benefits," IDC, 2023

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