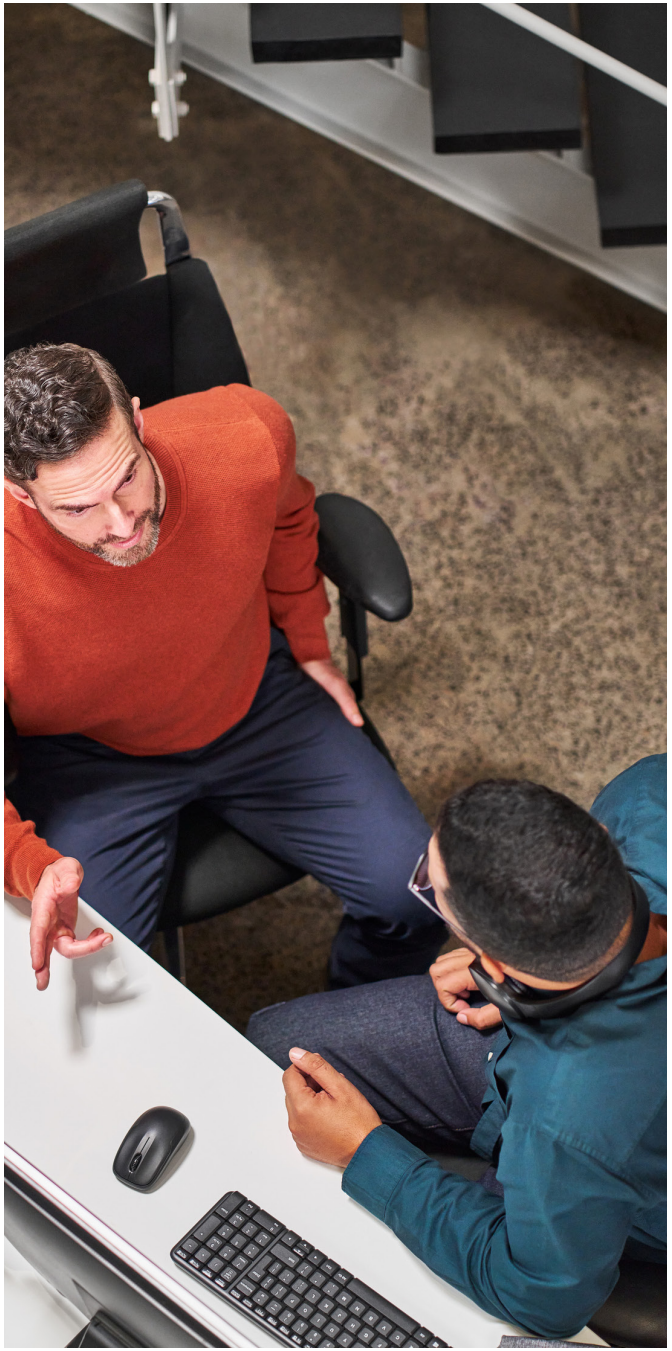
HPE

Brochure

THE CLOUD FOR YOUR HYBRID WORKLOADS

HPE GreenLake

Get started →



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What does hybrid cloud done right look like?

1. Transform through AI and data with a unified data platform built for AI
2. Modernize IT to cloud native technologies for agility and scalability
3. Simplify hybrid complexity with control across a hybrid estate

Creating agility with a single cloud operating model

Hybrid multicloud is widely acknowledged as the dominant model for IT. But hybrid cloud complexity inhibits agility and impedes stakeholder ability to drive innovation. Adding to that complexity, virtualization and public cloud costs are escalating while budgets are flat or declining.

And the race to get business value from AI requires investments in new technology and skills, placing more pressure on those budgets. Data must be harnessed to power those AI workloads, but remains trapped in silos, and up against a rapidly evolving threat landscape. So, enterprises are faced with multiple challenges to realize the advantages of a hybrid model.

To address these challenges, technology leaders need to modernize IT to keep pace, enable the business to transform data into insights, and eliminate as much complexity and manual work as possible from their hybrid environments, so that resources can be focused on innovation. HPE GreenLake cloud enables you to drive a consistent cloud operating model across hybrid, with total flexibility and portability to place workloads and data for the best blend of cost, performance and security, not dictated by vendor-defined boundaries.

Three reasons to choose HPE GreenLake

1. Get the cloud experience everywhere

Bring the point-and-click, self-service, and on-demand cloud experience; resource elasticity; and a pay-per-use* model to your on-premises IT.

2. On-demand access to resources and insights for high-velocity innovation

Integrate the experience across your hybrid environment—private and multiple clouds—transforming IT operations to cloud operations.

3. Visibility, compliance, and control across the IT estate

Enhance governance, control, and visibility with comprehensive sustainability and cost insights and analytics to help optimize your workloads.

HPE GreenLake: The cloud for your hybrid workloads

HPE GreenLake brings the cloud experience to your apps and data, wherever they reside, by providing a robust as-a-service portfolio that drives flexibility and speed to market. It helps you rapidly deploy a broad portfolio of cloud services such as engineered private cloud systems, unified storage and data management, multivendor, multicloud and infrastructure management—with your choice of payment model. What's more, HPE GreenLake can help you gain cost and sustainability insights across your hybrid cloud estate.

Sophisticated metering enables accurate and transparent pay-per-use billing that scales up and down with usage. And with 24x7 monitoring and management, HPE GreenLake takes on the heavy lifting associated with managing your infrastructure.

Tying everything together is the unifying hybrid cloud platform, which centralizes operations and insights across your hybrid estate. Gain visibility into costs and capacity, and create custom showback reports to view your cost aligned to your business.

Simply point and click to get a single integrated view into the operational status, cost, and capacity of your cloud services. Speed the pace of business by leveraging intuitive workflows to quickly define and deploy the resources needed to deploy code faster.

HPE GreenLake provides a consistent cloud experience across your environments. Operations are highly automated and cloud native, which means you do not need expensive training and skills for multiple platforms.

* May be subject to minimums or reserve capacity may apply

HPE GreenLake: One platform to run, manage, and enhance your hybrid estate

HPE GreenLake gives you the visibility you need to manage and optimize your workloads. Monitor performance, plan capacity, provision new infrastructure, and pursue your IT sustainability goals—all from one centralized dashboard. With HPE GreenLake, you get:

1. **Unified portal for your entire IT estate**
2. Intuitive consumption analytics
3. Plan for future capacity needs
4. Deploy and manage your HPE GreenLake cloud
5. Get insights to take action on IT sustainability

Manage your apps and data through a single, unified portal

- Move faster with a self-service cloud experience: Everything you need to provision, manage, and optimize your HPE GreenLake cloud services is at your fingertips.
- Get the right information with role-based access: HPE GreenLake automatically serves up the capabilities and insights you need for your role, so you can quickly and easily get on with your business.
- Gain quick insights with an overview of all key performance indicators (KPIs): Keep a pulse on your business with quick answers to your top questions around costs, resource utilization, sustainability, operations, and more.

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Gain visibility into usage and costs across your entire hybrid estate with powerful consumption analytics

- View top costs by service type, location, and more: Interactive charts and graphs help you track where you're spending your IT budget and optimize to suit your specific needs.
- Get aggregated usage across on-premises and public cloud: Significantly reduce the need for multiple tools and spreadsheets and see all of your usage and spend across your entire IT landscape in one easy-to-use app.
- Customize and share reports and graphs with ease: Simple drag-and-drop tools deliver quick insights that can be shared across teams to support operations and more.

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Get the capacity you need for your HPE GreenLake Flex Solutions and HPE Private Cloud solutions

- Monitor usage against installed and reserved capacity: Full-featured capacity planning capabilities show you exactly how much capacity has been used compared to what's installed and reserved.
- Predict when you'll need more capacity: Eliminate the guesswork and forecast future capacity needs more accurately with capacity planning based on historical usage and trends.
- Plan capacity at any level: Forecast capacity at any level, from aggregated storage across your hybrid environment down to capacity on a specific array or server.

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Provision, monitor, and manage workloads for a wide variety of HPE GreenLake cloud

— Create and manage VMs, containers, bare metal, and AI resources: Power up your DevOps team with self-service provisioning, management, and reporting of your instances through an intuitive user interface and infrastructure as code capabilities.

— View statistics for overall CPU, storage, and memory utilization: Real-time statistics on resource utilization can help you monitor your instances, providing overall efficiencies in your IT resources usage.

— Provision quickly with preconfigured blueprints or customize on the spot: Intuitive workflows and automation eliminate the IT bottleneck and get your developers and data scientists working faster.

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5. **Get insights to take action on IT sustainability**

Analyze your energy consumption, carbon emissions and cost on multicloud and multivendor environments

— Get heterogeneous and hybrid visibility: Improved management and control through a complete picture of your IT environment.

— Reduce costs for sustainable transformation: Lower your energy costs to free up budget to fund new projects.

— Get analytics for informed decision-making: Insights you need to help achieve IT sustainability goals.

Greater choice and control for every role

HPE GreenLake provides powerful capabilities and benefits that allow each role in an organization to achieve better business outcomes:

Unparalleled visibility and control for the CIO

Regain control of your organization's hybrid estate through a unified dashboard and operational console that positions you as a service broker to the rest of the business. Monitor and take action on a range of KPIs, including security, capacity, cost, sustainability, and resource utilization. HPE GreenLake brings the self-service experience to the on-premises environment and gives you unmatched visibility and control, so you can focus on innovation and strategy—and transition from reacting to running hybrid cloud.

Faster deployment of code for developers

Simple point-and-click interface allows you to deploy code faster without having to worry about the underlying infrastructure.

Efficient cost control and budget management for the CFO

Obtain a real-time view of technology spend across the hybrid estate to understand usage and spend by service, projects, locations, or business units, within public and private cloud, data center, and edge environments. HPE GreenLake provides finance with unprecedented visibility to help control costs and enable your projects to remain on budget.

Targeted emissions, consumption, and cost insights for the Chief Sustainability Officer

Fast-track IT sustainability goals with insights into energy consumption, costs, and emissions data for your hybrid estate, enabling informed decisions. Gain complete visibility into your multivendor, multicloud hybrid estate with an easy-to-use, customizable dashboard.

Consistent and simplified cloud experience for all users

Benefit from the simplicity of a consistent cloud experience for all workloads, from the edge to the cloud.

Learn more at

GreenLake.HPE.com

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