

# BRING OPERATIONAL EFFICIENCY AND VISIBILITY TO HYBRID CLOUD

Deliver a consistent cloud experience that reduces complexity and simplifies cloud operations



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# THE NEED FOR OPERATIONAL EFFICIENCY

## Overcome complex IT and operate at a business level

Organizations are always looking for a better way to manage their distributed IT environments. They want one that helps them achieve their business objectives and doesn't get bogged down in complex IT issues or restrict their control over resources. They want visibility across their hybrid cloud environment, and better ways to use data to gain insights and improve their operations while creating better customer experiences.

Organizations also want to keep it simple, so they can focus on running the business, not the infrastructure. One way to simplify operations is to unify them and provide a centrally managed platform from which everything can be monitored and managed across the hybrid estate, from data centers to colocations, edges, and public clouds.

When all tasks can be completed from a single centralized location, that's efficiency. And when those tasks can be made easier to accomplish using built-in tools and automation, they get done faster, freeing up resources for other objectives.

The ability to simplify IT through unification and consistency is the hallmark of the HPE GreenLake edge-to-cloud platform. It brings operational efficiency to hybrid cloud by simplifying processes using an intelligent collection of built-in tools that allows organizations to:

- Consume, operate, and manage IT through a unified interface using a consistent set of tools with the cloud that comes to you.
- Gain deep visibility into business processes and continuously monitor provisioning, usage, and costs.
- Observe wellness analytics to help ensure the entire environment is running smoothly.
- Employ automation using APIs and CLIs to drastically reduce the time required to perform routine repetitive operations.

**By making common processes easier, the HPE GreenLake platform frees up IT resources to work on more productive tasks.**

### Efficiency benefits<sup>1</sup>

**Up to 60%**  
increase in IT  
resource efficiencies,  
including freeing  
staff to focus on  
strategic business  
initiatives

**Up to 45%**  
CAPEX savings by  
helping eliminate  
overprovisioning and  
tech refresh by year  
three

<sup>1</sup> The Total Economic Impact of HPE GreenLake, a commissioned study conducted by Forrester Consulting, May 2022



# IMPROVE VISIBILITY ACROSS THE IT LANDSCAPE

Gain visibility into performance, costs, and availability of resources

As clouds, networks, and infrastructure become more distributed across the globe, it becomes more important than ever to have visibility into performance, status, and availability of resources to meet current and future demands. The HPE GreenLake platform gives organizations an integrated management control plane to view and manage their entire hybrid cloud estate.

The HPE GreenLake platform enables organizations to access both high-level and detailed information about costs, capacity, and consumption no matter where data lives. The online dashboard provides an intuitive interface to run, manage, and optimize your hybrid environment. Run applications to perform common tasks, manage devices, and navigate across KPIs that offer insights into specific areas of concern, such as resource utilization and costs.

Gain insight into the efficiency of operations to help your teams access the information needed to perform their jobs optimally.

- **Workload visibility** - Manage and optimize workloads, monitor performance, plan capacity, and provision new infrastructure.
- **Operational visibility** - See across the hybrid estate for consumption and capacity planning.
- **Cost visibility** - View top costs by service type, location, and more. View showback reports and interactive charts and graphs to help track where IT spend is occurring. View usage and spend across the entire IT landscape in one easy to use app.
- **CIO visibility** - Regain control of the organization's hybrid estate through a unified platform that positions you as a service broker to the rest of the business. Monitor and act on a range of KPIs, including capacity, cost, and resource utilization. Focus on innovation and strategy—and transition from reacting to running hybrid cloud.

**Monitor, manage, and provision resources with the simplicity of the cloud and gain critical insights into operations, resource utilization, and costs.**



# EXTRACT VALUE FROM DATA

Gain valuable insights into business processes with continuous monitoring of provisioning, usage and costs

When organizations can monitor data in real time, they gain deeper visibility into their operations and valuable insights that allow them to make better business decisions. With this, they can transition from a mindset of running infrastructure to running their business.

Data is the essential life force for activating next-generation operating and business models. It helps organizations accelerate decision velocity, cut through organizational lethargy, and see around corners to deliver continuous streams of innovation.

To mine the continuous streams of value that are locked in data, Hewlett Packard Enterprise delivers trusted, enterprise-grade AI/ML and analytics cloud services accessible through the HPE GreenLake platform. Using this extracted data enables managers to make better business decisions and act on the very latest information ahead of the competition. It also provides insight into how customers are consuming data, which is vital for creating better applications and customer experiences.

Having better insights into how resources are consumed is also important to avoid overprovisioning. One of the key benefits of the HPE GreenLake consumption-based model is that it enables companies to align their capacity very accurately with their business needs.

The environment provides deep visibility into business processes and continuously monitors provisioning, usage, and costs so you can quickly scale up or down to meet changing demands and use predictive analysis tools to project future demand. The HPE GreenLake platform supports infrastructure installed on-premises, in the cloud, or in a colocation facility, with the assurance that capacity is right-sized for your business.



**Up to 45%**  
reduction in  
overprovisioning  
costs<sup>2</sup>

<sup>2</sup> The Total Economic Impact of HPE GreenLake, a commissioned study conducted by Forrester Consulting, May 2022





# TAKE CONTROL OF HYBRID CLOUD

## Achieve business objectives faster

Enterprises and industries across all verticals are looking to gain visibility and control across their entire IT inventory, which often spans public clouds, edge locations, on-site data centers, and colocations. A key challenge is being able to centrally manage everything—from edge to cloud—in a unified and consistent way.

The HPE GreenLake platform lets organizations monitor, manage, and provision resources with the simplicity of the cloud, giving them complete control over their IT environment. Users are free to run their critical business tools and applications on any software stack they choose, expediting processes and decision-making.

Built-in tools and access to pay-per-use cloud services enable organizations to extract vital information from customer data so they can make better business decisions, achieve business objectives faster, and optimize the capabilities of their entire cloud environment. The HPE GreenLake platform puts you in control of your hybrid cloud environment with all the tools you need to:

- Turn your customer data into **business insights**
- **Align cloud services** with your business demands
- Be **protected from data breaches** that could expose your business secrets or customer information
- **Focus on running your business** instead of the IT environment

A consistent cloud experience for all your applications and data, through a centralized online operations console that puts you in control of your entire hybrid cloud environment.



# KEY CLOUD DEMANDS BY INDUSTRY

## Financial services

In the financial industry, change often comes rapidly, so innovation is critical, as is protecting client data. The HPE GreenLake platform can help financial organizations transform to an agile digital business model that lets them:

- Create next-gen services promptly without worrying about security or compliance
- Retain control over data and meet stringent financial institution regulations
- Use data and intelligent analytics to detect fraud and hacking risks
- Connect financial technology at the edge to deliver secure modern experiences for customers and enable secure interaction from anywhere

## Healthcare

Many healthcare facilities need significant technological modernization, but strained capital budgets and long approval cycles inhibit progress. This is where solutions like the HPE GreenLake platform are invaluable because they can provide:

- IT infrastructure as a service (IaaS) that enables hospitals to add on-premises resources without the prohibitive up-front capital cost
- Easy management with the flexibility of the cloud and increased efficiency to deliver improved experiences and outcomes for patients
- Consumption-based billing so facilities can tie their costs to business outcomes
- Systemwide views of regulatory and governance requirements

## Manufacturers

To remain competitive, manufacturers need to continually improve efficiency and find new ways to make better business decisions in real time. The HPE GreenLake platform can accommodate their needs and help them to:

- Scale up and down on demand, and dial up IT resources with a touch
- Support on-premises infrastructure required to gather IoT-based real-time insights
- Use HPE GreenLake cloud services applications for smart predictive maintenance
- Speed up product development, design, and testing with high-performance computing (HPC) systems



# HAVE A BETTER HYBRID CLOUD EXPERIENCE

Organizations want a hybrid cloud platform that helps them achieve their business objectives without complexity. They want simple, centralized control across all their IT resources, where they can consume, operate, and manage IT and enact cost-effective business-driven decisions. They want fast and easy access to the tools and applications that allow them to make those decisions. They want to know they can run any software stack they choose.

The HPE GreenLake platform removes the complexity from hybrid cloud, providing a flexible unified operational experience across all IT infrastructure. Whatever industry you are in, when you simplify IT management and give your teams the right tools for the right job, it yields high-level benefits across the entire organization.





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