



**Streamline and modernize
your multigen IT with
HPE Compute**



The importance of private cloud modernization

Driving modernization across multigenerational IT environments presents a series of challenges. This is most evident when dealing with private and public clouds and the presence of legacy IT, which can contribute to creating siloed data.

On one hand, customers are seeking the agility and versatility offered by a public cloud experience while also requiring the assurance of security, compliance, and data sovereignty that comes with an on-premises private cloud. The interplay between these two options has resulted in a complex balancing act, where businesses need to maintain a firm grip on their sensitive data while striving to remain flexible enough to adapt and scale operations rapidly.

Multigenerational IT environments can be time and resource intensive, and the specialized skills required to effectively manage them are continually evolving. With static IT budgets and a global skills shortage, many organizations find themselves trapped in a cycle of merely keeping the lights on, with minimal opportunity for innovation or delivering new services needed to meet business demands.

In addition, capacity management presents a significant challenge as businesses struggle to accurately forecast resource allocation. This often leads to overprovisioning of infrastructure, which results in unnecessary costs and does not fully eliminate risk. As such, modernizing multigenerational IT environments becomes an intricate task requiring careful planning and implementation.

Modernize your multigen IT with HPE Compute

HPE GreenLake private cloud solutions offer a robust, versatile, and efficient private cloud environment, surpassing the capabilities of original design manufacturer (ODM) compute offerings found in hyperscale data centers.

The strength of HPE Compute for private cloud lies in its customization and option availability — leveraging cloud modules specifically optimized for diverse workloads. Unlike the one-size-fits-all approach often seen in ODM solutions, Hewlett Packard Enterprise enables businesses to select from an array of instance types crafted for unique applications. This includes configurations specifically designed for handling large in-memory data sets such as graphical databases or SAP S/4HANA® and offers an unparalleled performance boost for data-intensive operations.

HPE GreenLake private cloud solutions set themselves apart with exceptional GPU configurations, making them the ideal choice for data-intensive applications. These offerings cater to diverse processing needs and integrate seamlessly with other system components to drive superior compute power, provide inherent chip-level security features, and support sustainability directives that result in better workload efficiency and reduced footprints. And with HPE GreenLake as the supporting platform, all are easily managed through a single, unified experience.

Get started with HPE GreenLake for Private Cloud Enterprise

HPE GreenLake for Private Cloud Enterprise reimagines the private cloud experience with a scalable, pay-per-use,* enterprise-grade solution delivered to you as a managed service across all your locations, from edge to cloud. Powered by HPE Compute, HPE GreenLake for Private Cloud Enterprise provides flexibility and choice that allow you to place workloads and applications where they perform best — be it on-prem, in the cloud, or in a hybrid environment while still enabling the self-service deployment of bare metal, virtual machine (VM), and container services that your business requires.

Users can choose from instance types for applications such as large, in-memory data sets for data-intensive apps. They can also manage, via self-service, their VMs, containers, or bare metal, using an intuitive portal or APIs, CLI, or infrastructure as code (IaC). With fast provisioning of resources, they can quickly create the environment their apps need — and it's a production-ready, workload-optimized, and tested environment that will deliver consistent performance.

HPE GreenLake for Private Cloud Enterprise is deployed in an on-premises data center or at a colocation facility and can be fully managed by HPE, helping eliminate the complexities, inefficiencies, and cost constraints of conventional private cloud solutions. You get the trusted, scalable infrastructure you need — where you need it — to mitigate risk while moving at the speed of business.

Get faster time to value

Deploy digital projects nearly twice as fast with capacity ready ahead of demand¹

Align costs to business needs

Gain predictability with costs that align with your business growth

Reduce total cost of ownership

Get the capacity you need, right when you need it, and help eliminate expensive overprovisioning

Offload routine tasks

A fully managed approach frees up your staff to focus on apps and drive revenue while leveraging HPE skills where you have gaps

Improve resource efficiency

Simplify and secure IT operations across your private cloud with one operating environment for VMs, containers, and bare metal

* May be subject to minimums or reserve capacity may apply

¹ Results are for a composite organization based on interviewed customers. "The Total Economic Impact™ of HPE GreenLake," a commissioned study conducted by Forrester Consulting, May 2022

Learn more at

HPE.com/us/en/HPE-GreenLake-Private-Cloud-Enterprise.html

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