Solution brief



Innovate anywhere with HPE and Azure Local

GreenLake Flex Solution built for Azure Local

The next wave of digital transformation will be fueled by apps and data everywhere from the edge to the cloud.

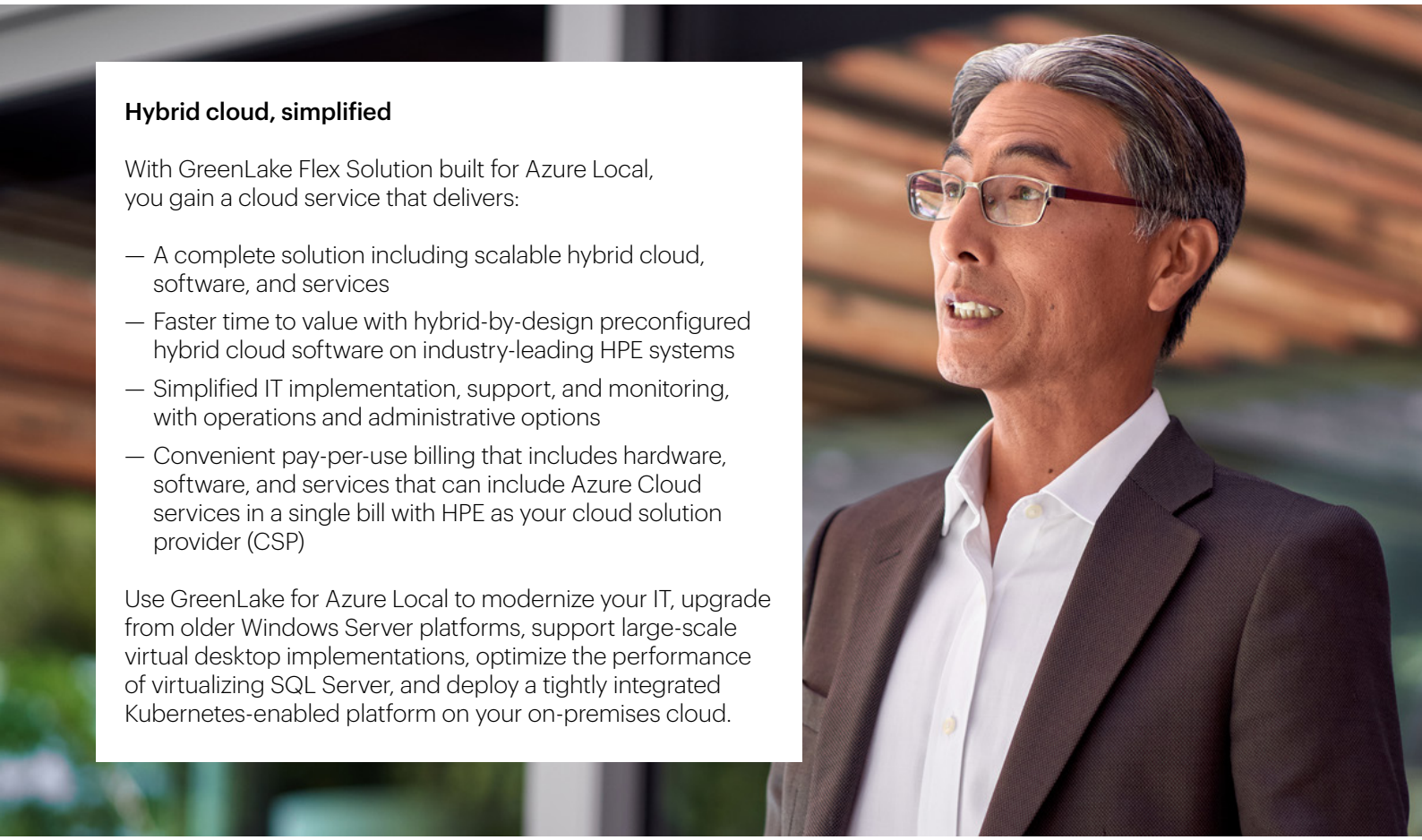
Accelerate business growth anywhere and everywhere, thanks to innovation in containers, edge computing, and the shift to everything as a service. GreenLake Flex Solution built for Azure Local provides the simplicity, agility, and economics that you expect from Azure Local, as well as the security and performance benefits of on-premises IT. Determine your right mix of hybrid cloud and workload placement without an either/or choice.

GreenLake brings the cloud experience—self-serve, pay-per-use,[1] scale up and down, and managed for you by HPE and our partners—to apps and data everywhere, in edges, colocations, and data centers. This enables you to free up capital, boost operational and financial flexibility, and free up talent to accelerate what's next for you. With GreenLake, customers get cloud services that are production-ready, elastic, and for any scale—with a simple experience delivered to customer locations.

The solution comes with tailored services to design, implement, and support your cloud environment—taking away the heavy lifting so you can focus on strategic IT and business priorities.

Azure Local offers simplicity, flexibility, and scalability

- Host locally with the benefits of Azure and an up-to-date on-premises cluster, delivered as a service.
- Simplify management and operate hybrid infrastructure seamlessly with Azure capabilities and integration tools.
- Experience flexible deployment for your hybrid cloud needs with Premier Solutions from HPE, available with the GreenLake hybrid cloud platform.
- Reduce data center complexity and total cost through HCI technology and GreenLake.
- Get started with a workshop and a 2-node starting point.



Hybrid cloud, simplified

With GreenLake Flex Solution built for Azure Local, you gain a cloud service that delivers:

- A complete solution including scalable hybrid cloud, software, and services
- Faster time to value with hybrid-by-design preconfigured hybrid cloud software on industry-leading HPE systems
- Simplified IT implementation, support, and monitoring, with operations and administrative options
- Convenient pay-per-use billing that includes hardware, software, and services that can include Azure Cloud services in a single bill with HPE as your cloud solution provider (CSP)

Use GreenLake for Azure Local to modernize your IT, upgrade from older Windows Server platforms, support large-scale virtual desktop implementations, optimize the performance of virtualizing SQL Server, and deploy a tightly integrated Kubernetes-enabled platform on your on-premises cloud.

[1] May be subject to minimums or reserve capacity may apply.

Pay for only what's used

To reduce waste and control spending, you pay for only what you use—with full visibility of your actual metered usage. With the GreenLake Hybrid Cloud, you will leverage pay-per-use billing for your complete Azure Local solution, including hardware, software, and services.[2] Variable billing offers clear insight into actual costs and drives better IT planning and management decision-making.

Simplify IT operations across your data centers and clouds

GreenLake Hybrid Cloud offers a unified, automated experience through one hybrid management platform, so you can securely access diverse tools, platforms, processes, and skills needed to operate in a multi-cloud world. You can focus on delivering business outcomes while we take care of the rest.

Key benefits of GreenLake Flex Solutions

Consider these essential reasons for enhancing your user experience via GreenLake Flex Solutions.

Dedicated Account Team

— Account Support Manager, who advises you on your service use, service billing, and capacity growth
— Technical Account Manager, who performs lifecycle management for your flex solution, optimizing it for software and firmware versions
— Assigned Customer Engineer, who understands the HPE solution uniquely designed for you and personalizes the support experience on your behalf

Hybrid observability

— Comprehensive visibility, control, and automation across your flex solution
— Startup assistance from HPE experts on standing up your hybrid observability environment
— Extension service advice and guidance from HPE experts for refining your hybrid observability experience
— Optional subscriptions to extend hybrid observability to logical/virtual resources and/or up to the Azure cloud

Solution-level services

— Installation and startup
— Deployment Accelerator service for Azure
— Includes knowledge transfer
— Tech Care Essential for HPE hardware

GreenLake highlights

Pay per use

— Solution that includes hardware, software, and services
— Instant scalability with an on-site buffer of capacity and capacity management to stay ahead of demand
— Financial flexibility and cost control for better business outcomes

Simplified IT

— Tailored services for monitoring with optional support for maintenance and optimization
— Single vendor support for Azure Local and certain Microsoft Azure services, with HPE as your Azure CSP
— Workload portability with Azure-consistent services

Proper control

— On-premises help to address data sovereignty and compliance requirements
— Usage metering with analytics to accurately manage usage and predict capacity needs
— 24x7 remote monitoring and active capacity management

[2] Terms and conditions apply. Certain types of project work may be charged at a fixed rate across the duration of the agreement.

Managing Azure Local

HPE can manage the entire stack from infrastructure to platform to workloads. This enables you to focus on strategic initiatives by offloading routine infrastructure tasks to HPE experts. Using the practices and tools implemented under the HPE process, HPE provides expertise to run, scale, optimize, and support your production applications in the cloud.

Options enable you to focus on strategic initiatives by offloading routine infrastructure tasks to HPE experts and simplifying complexity. Flexible service options include:

- HPE Managed Infrastructure—Let HPE experts manage your servers and network for you.
- HPE Managed Platform—HPE experts will manage the hybrid cloud software stack for you.
- HPE Managed Workload—HPE experts manage infrastructure, platform, and your production applications for you.

Manage any Azure Local technologies directly, using familiar tools such as Hyper-V, Storage Spaces Direct, Software Defined Networking, and Failover Clustering. Identify problems for immediate action with Windows Admin Center, System Center Virtual Machine Management (SCVMM), PowerShell, and more.

Optimize your workloads by decreasing data center complexity and increasing scalability. The system is easily managed in Azure Portal and with familiar edge-local tools, giving you the freedom to choose and customize hardware with full administrator control.

Extend data management with HPE Alletra Storage MP B10000

HPE and Microsoft collaborated on a new integration, adding enterprise-class external data storage to Azure Local. HPE Alletra Storage MP B10000 external storage for Azure Local allows Azure-managed VMs to run on HPE Alletra Storage MP B10000 arrays, improving data management, scalability, and availability.

The innovation streamlines administration, making SAN-based VMs manageable through the Azure portal. It allows independent scaling of compute and storage versus rigid HCI-based architectures, and expands opportunities for mission-critical and data-intensive workloads through the ability to scale to petabytes beyond current Azure Local capacity limits. A 5:1 reduction is guaranteed through the HPE StoreMore program, zero RTO/RPO outcomes are guaranteed in the HPE Storage Future-Ready Program, and cyber-resiliency is enhanced with native in-line ransomware detection.

GreenLake Hybrid Cloud services are tailored to meet the needs of your industry, keeping in mind that each industry has different regulatory, business, and technical requirements. HPE brings you the specific relationships, expertise, and workload-optimized technologies built during our decades of work in data centers globally.

Start your hybrid journey with HPE to strategize, assess, and design a hybrid cloud solution for your needs, ranging from installation and startup to more advanced deployments and integrations, optimized for your workload and approach.

Learn how to implement an Azure Local hybrid cloud approach that's best suited for your organization at an HPE Cloud Adoption Workshop.

Learn more at

HPE.com/us/en/alliance/microsoft/azurelocal.html

HPE.com/GreenLake

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