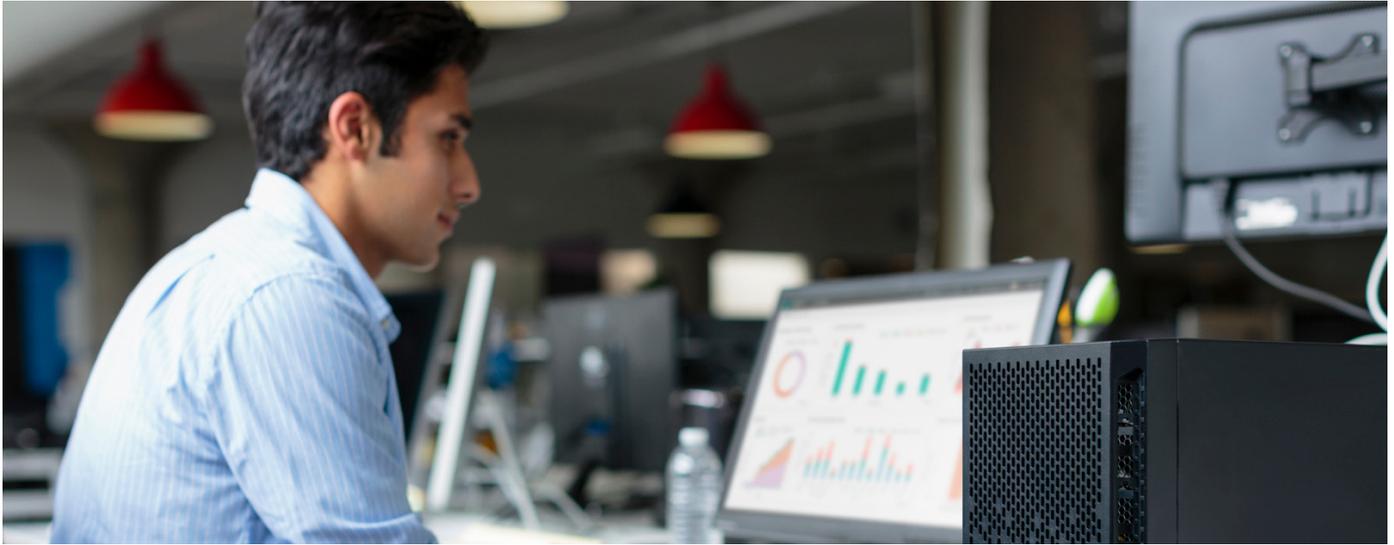# GREENLAKE FLEX SOLUTIONS

Transform your business with an on-premises cloud experience

Navigating IT challenges

Remaining competitive and achieving success often requires innovative new approaches for optimizing IT environments and delivering better business outcomes. Most IT organizations today are adopting modern cloud strategies that offer agility, scalability, and cost-effectiveness. However, there is no one-size-fits-all solution when it comes to the cloud, and each organization needs to pursue a customized approach that makes the most sense for how it intends to operate, both today and in the future.

Cloud agility on-prem

Hewlett Packard Enterprise makes it possible to experience a modern cloud environment using IT infrastructure deployed at edge sites, co-location facilities, and business premises.

The GreenLake Flex Solutions portfolio combines the best of both public cloud and on-premises IT so that organizations need not compromise— or relinquish control over performance, security, governance, and compliance.

With GreenLake Flex Solutions, organizations experience the benefits of a public cloud environment—easy scalability, cost efficiency, and service agility—and the benefits of on-premises IT deployments, including data security and solution customization. Through GreenLake, flex solutions offer a unified cloud platform experience with clear visibility into flex solution performance and utilization.

GreenLake Flex Solutions address a broad range of customer use cases, from verticals with partners, to workloads, and data protection solutions.

With complete, purpose-built GreenLake Flex Solutions, companies can:

— Leverage scalable capacity with self-service capabilities

— Benefit from an efficient, pay-per-use* consumption model

— Customize industry-leading technologies and services

— Optionally have their environment fully managed

* May be subject to minimums or reserve capacity may apply

Advantages of GreenLake Flex Solutions

Agile
GreenLake Flex Solutions simplify and accelerate IT infrastructure planning, setup, and management, enabling operational savings of up to 65%.[1] Optimized for security, reliability, and predictability, our IT infrastructure modules reduce time to market and create a solid foundation for innovation.

Customizable
Our extensive portfolio of workload-optimized IT solutions and a broad ecosystem of technology partners equip customers to achieve strategic business objectives while decreasing business risk.

Flexible
Avoid up-front capital costs and help eliminate expensive overprovisioning with our consumption-based flex solutions created from standardized and centrally managed IT modules. Reduce the total cost of ownership up to 45%[1] by paying for what you use while maintaining a capacity buffer to support unpredictable needs.

Scalable
Shorten time to market by up to 80%[1] for infrastructure capacity increases. Leverage self-service capabilities to rapidly scale flex solutions according to business needs with transparent consumption analytics and pay-as-you-go* billing, both centrally managed through the GreenLake cloud platform.

* May be subject to minimums or reserve capacity may apply

[1] "The Total Economic Impact™ Of HPE GreenLake," Forrester, May 2022

Driving better business outcomes

Building on HPE server, storage, network, software, and services, along with those from selected industry leaders, GreenLake Flex Solutions comprise a portfolio of workload-centric services custom built to deliver business outcomes across a broad range of industry use cases, including the following:

AI, machine learning (ML), and data analytics—Extract business insights from your data with enterprise-grade AI/ML and analytics. Key offerings and ecosystem partners include AI Vision, SAS® Viya®, Medical Image Archives, HPC, Scality, and Digital Twin.

Business applications—Power your business with cloud services designed and optimized for critical industry workloads. Key offerings and ecosystem partners include Anti-money laundering, Digital Twin, Electronic health records with Epic, Electronic health records with MEDITECH, Payments, Smart manufacturing execution system, and Video management.

Containers—Drive faster delivery and iteration. Continuously release and improve products and services for business agility. Key offerings and ecosystem partners include Red Hat® OpenShift® Container Platform.

Core compute—Choose from a family of versatile, resilient, software-defined servers suited to diverse workloads. Key offerings and ecosystem partners include Composable Compute, General Purpose Compute, and Storage Optimized Compute.

Database—Database-optimized hardware, software, and services in a single, unique, pay-per-use form. Key offerings and ecosystem partners include Databases, OpenText Analytics Database (Vertica), and SAP HANA®.

Data protection—Combine the simplicity, agility, and economics of public cloud with the security and performance of an on-prem backup environment. Key offerings and ecosystem partners include Backup and restore, Cohesity, Commvault, Disaster recovery, Tape Libraries, and Veeam.

Data storage—Unleash the power of your data with intelligent, workload-optimized storage. Key offerings and ecosystem partners include block storage, file storage, object storage, Scality, and Tape Libraries.

Edge compute—Streamline the deployment of an edge-to-cloud solution stack across locations. Key offerings include Ruggedized Infrastructure, and General Purpose and Edge HCI.

High performance computing—Solve big problems with systems optimized for high performance workloads and AI. Key offerings include HPC.

CloudOps—Consume prearchitected and validated end-to-end hybrid cloud managed services with a full view into consumption and management across your entire hybrid cloud and multicloud estate. Key offerings and ecosystem partners include Microsoft Azure Local, Red Hat OpenShift Container Platform, and VMware Cloud Foundation™.

Hyperconverged—Power your business with AI-driven solutions that combine compute, storage, and networking with advanced data services in a single, integrated platform. Key offerings and ecosystem partners include Disaggregated HCI, General Purpose and Edge HCI, and Azure Local.

SAP®—Get the most out of your SAP platform with supporting infrastructure that provides rigorous availability, security, and reliability standards. Key offerings and ecosystem partners include SAP HANA.

Security, risk, and compliance—Tighten security risks and ensure compliance with relevant regulations and standards. Key offerings and ecosystem partners include Thales CipherTrust Enterprise Key Management.

Virtual desktop—Empower your distributed workforce with the benefits of on-premises VDI, including security, seamless user experience, and productivity. Key offerings include Virtual Desktop Infrastructure.

Virtualization—Gain speed and flexibility with scalable, pay-per-use virtualized infrastructure that offers exceptional agility for a variety of workloads. Key offerings and ecosystem partners include Azure Local and VMware Cloud Foundation.

Put HPE expertise in your hands

Technology can be complicated, but HPE Services help simplify your experience. For covered systems, GreenLake Flex Solutions include a comprehensive product support experience that drives your business forward. HPE Services go beyond traditional support by providing faster access to product-specific experts along with an AI-driven digital experience and general technical guidance to reduce risk and increase operational efficiency.

Beyond product support, GreenLake Flex Solutions offer multiple service experience levels, including assigned HPE resources that understand your IT objectives and work to help ensure that your goals are met. Our service relationship management provides a single point of contact to help achieve desired IT outcomes. Additional HPE Services include HPE Managed Services that combine HPE best practices and automation tools to provide remote infrastructure and application monitoring, management, and optimization.

Hybrid observability in GreenLake Flex Solutions

GreenLake Flex Solutions include a cloud-based observability platform and AI-powered command center that simplify and optimize operations. All solutions include out-of-the-box health and availability dashboards along with AI-powered event management and automated incident remediation.

Hybrid observability is an essential part of the complete GreenLake Flex Solutions experience, which will be activated during the GreenLake installation and customer onboarding.

GreenLake Flex Solutions equip your IT operations team with a suite of powerful capabilities accessed through a modern, scalable SaaS platform, including:

Hybrid observability—Automatically discovers flex solution infrastructure and collects device metrics, traces, and logs to empower IT operations teams with essential availability and performance insights

Process automation—Automates routine asset lifecycle tasks such as OS upgrades and patching to prevent security vulnerabilities and enhance IT staff productivity

Capacity management—Supports flex solution capacity monitoring and management to drive optimal asset utilization and efficiency

AIOps insights—Utilizes built-in AI capabilities to continuously monitor flex solution performance and identify critical alerts

Incident remediation—Employs AI-powered event triage and resolution capabilities to rapidly resolve incidents and prevent downtime

Hybrid cloud leadership
HPE is committed to helping customers transform and grow in this fast-changing market. Through our purpose-built GreenLake Flex Solutions, with out-of-the-box simplicity, cloud agility, and pay-per-use consumption models, HPE enables customers to increase IT operational efficiency and successfully pursue new business opportunities. Explore our offerings to create the right IT solution for your business.

Learn more at

HPE.com/us/en/HPE-GreenLake-Flex-Solutions.html

Visit HPE.com

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