



INSIGHTS | **TECH BRIEF**

Hybrid Cloud Innovation: Transforming IT with WEI and HPE

Enterprises are under pressure to modernize IT infrastructure to support growing data needs, AI initiatives and scalable cloud environments. While the benefits of cloud computing are clear, fully migrating to the public cloud presents challenges for many organizations. Issues such as data sovereignty, compliance requirements, latency concerns, and legacy infrastructure make it difficult for companies to rely exclusively on public cloud services. Instead, businesses are increasingly turning to hybrid cloud models, combining on-premises systems with cloud capabilities to meet their specific needs.

Managing a hybrid cloud environment, however, is no small feat. Hybrid setups require integrating disparate systems while ensuring security, compliance, and seamless data access across platforms. This complexity often strains IT teams, which must oversee multiple environments and maintain visibility into costs, performance, and security.

WEI, a leader in enterprise IT solutions, partners with **HPE GreenLake** to address these challenges head-on. Together, we deliver a customized hybrid cloud solution that simplifies IT operations, providing a unified platform that offers both the flexibility of cloud and the control of on-premises infrastructure. With HPE GreenLake's consumption-based model, companies can scale resources as needed while only paying for what they use, resulting in cost-effective IT management.

The WEI and HPE GreenLake Advantage: A Hybrid Cloud Model for Modern Enterprises

For organizations needing adaptable IT solutions, WEI's hybrid cloud configurations with HPE GreenLake provide secure environment that supports scalability, compliance, and critical application demands. HPE GreenLake serves as HPE's hybrid cloud platform, bringing together HPE's diverse offerings under a single, cloud-like operating model, enabling enterprises to deploy the right resources across on-premises, edge, and cloud locations.

Solutions Designed to Fit Your Business Needs

- **HPE Synergy:** Composable infrastructure that allows IT teams to allocate resources quickly and dynamically, ideal for businesses requiring rapid scalability.

The volume of data generated globally is **expected to double** by 2026.¹



**Hewlett Packard
Enterprise**

- **HPE Apollo:** High-performance compute (HPC) optimized for AI and data-intensive workloads, making it suitable for advanced analytics and AI operations.
- **HPE Ezmeral:** A comprehensive platform for machine learning (ML), data management, and AI, enabling enterprises to break down data silos and achieve real-time insights.
- **HPE Alletra and HPE Primera:** High-availability storage solutions providing data protection, encryption, and replication, crucial for safeguarding mission-critical data.

WEI's active and proven role in deploying and configuring these solutions within HPE GreenLake ensures that clients receive an infrastructure optimized for their specific workloads, delivering maximum flexibility and performance with minimal operational strain on internal IT teams.

Accelerating AI and Data-Driven Innovation with WEI's Expertise

AI and Analytics with HPE Ezmeral

HPE GreenLake integrates HPE Ezmeral for seamless AI and analytics operations, allowing organizations to manage data and machine learning across hybrid environments. WEI supports clients by implementing Ezmeral's capabilities for ML Ops, ensuring clients can operationalize AI, streamline data management, and break down silos to access actionable insights that drive better business decisions.

Centralized Management with HPE GreenLake Central

At the heart of HPE GreenLake is **GreenLake Central**, a centralized management hub that provides visibility and control across an organization's hybrid infrastructure. GreenLake Central allows organizations to monitor costs, security, and resource usage in one place. WEI's configuration expertise ensures that clients fully leverage GreenLake Central, enabling efficient cost management, proactive security monitoring, and streamlined operations across all IT resources.

Cost Optimization and Operational Efficiency, Guided by WEI

Consumption-Based Pricing Model

HPE GreenLake's consumption-based pricing model aligns with today's demand for cost efficiency and budget flexibility. This model allows organizations to scale resources as needed while only paying for what they use, avoiding the high costs of over-provisioning. The HPE GreenLake consumption-based framework includes:

- **Compute Resources:** Servers and processing power scaled to meet specific workload requirements.
- **Storage Solutions:** Dynamic data storage that adjusts based on usage, supporting data-intensive applications.
- **Networking Components:** Scalable network infrastructure, including switches and routers.
- **Software Services:** Access to AI and analytics software tools, including HPE Ezmeral.
- **Managed Services:** Operational support to maintain, monitor, and optimize the IT environment.

WEI provides expert guidance in implementing this model, helping clients optimize their spending and ensuring they benefit fully from HPE GreenLake's pay-as-you-go approach, which reduces financial waste and aligns costs with actual usage.

Efficiency with AIOps-Driven Automation

HPE GreenLake's AIOps-driven automation enhances operational efficiency by providing real-time insights into resource performance, cost, and usage. With WEI's custom configurations, clients can maximize the benefits of AIOps, automating performance optimizations and reducing downtime. WEI's tailored approach ensures that HPE GreenLake's automation is fine-tuned to each client's unique environment, enabling proactive incident response and scaling.

Strengthening Security and Compliance for Regulated Industries with WEI's Tailored Solutions

Zero Trust Security and Compliance

Security and compliance are central to HPE GreenLake's design, particularly for industries with stringent regulatory requirements. HPE GreenLake's Zero Trust security model provides robust protections, verifying and monitoring each connection across hybrid environments. WEI's expertise in secure infrastructure deployments ensures that each client's HPE GreenLake configuration adheres to the highest standards of data protection and compliance, making it ideal for sectors like finance, healthcare, and legal.

Secure Storage Solutions with Alletra and Primera

HPE's Alletra and Primera storage solutions provide resilient and high-performance storage with data encryption and replication features. WEI's implementation of these storage options helps organizations manage mission-critical data securely and reliably, while maintaining compliance with industry standards. By configuring these solutions to align with each client's needs, WEI empowers organizations to secure their data and maintain high availability for crucial applications.

Hypothetical Scenario: The Challenge of Managing Legacy Systems and Scalable Growth in Healthcare

Consider a large healthcare organization undergoing a merger and facing the complex challenge of integrating legacy IT infrastructure with new systems while maintaining security and compliance. This hypothetical hospital network needs to consolidate disparate data sources, secure patient information across facilities, and create a scalable infrastructure to adapt to future growth. These requirements demand a solution that can unify both legacy and cloud-based systems, ensure secure access to data across platforms, and scale resources up or down as the organization's needs change.

Solution and Outcome: WEI and HPE GreenLake Deliver Scalable, Secure, and Integrated Hybrid Cloud for a Merging Healthcare Network

In this scenario, the hospital network deploys HPE GreenLake with WEI's expertise to address these challenges. Using HPE GreenLake's consumption-based model, the organization gains the ability to expand or consolidate resources during the merger—ideal for managing fluctuating IT demands and consolidating infrastructure as the merger progresses.

- **Data Integration Across Legacy Systems:** WEI configures HPE GreenLake to unify data access, allowing legacy on-premises equipment to work seamlessly with cloud-based resources. This integration enables secure, efficient access to patient information previously siloed in different systems, supporting unified access across the network.
- **Enhanced Security and Compliance:** With HPE GreenLake's Zero Trust security model and WEI's custom configurations, the network ensures that data remains secure and accessible across all facilities, maintaining compliance with healthcare regulations. This is critical as the hospital consolidates sensitive patient information from multiple facilities.
- **Scalability During Transition and Beyond:** As the hospital network continues to consolidate IT resources, HPE GreenLake's pay-per-usage model allows them to avoid overprovisioning costs while retaining the ability to scale up quickly when needed. This scalability supports the hospital network in meeting current needs and adapting to future expansion.

With WEI's support, this hospital network leverages HPE GreenLake to streamline IT infrastructure, enhance data accessibility, and maintain high security across an evolving network. The HPE GreenLake solution allows healthcare providers within the network to access critical patient data in real-time, improving care coordination and operational efficiency while minimizing costs.



Talk to WEI today

By partnering with WEI and HPE GreenLake, organizations gain access to a hybrid cloud solution designed to enhance agility, reduce costs, and support future innovation. WEI's expertise in custom configurations ensures that each HPE GreenLake deployment aligns perfectly with the client's unique requirements, delivering a robust and secure foundation for digital transformation.

Empower your organization to achieve scalable transformation with the expert support of WEI and HPE GreenLake. Contact WEI today to discover how a custom hybrid cloud solution can drive your organization's efficiency, innovation, and resilience.

Let WEI's team help you create an IT foundation that supports today's needs while preparing for tomorrow's opportunities. Reach out to WEI for a free consultation and start your transformation journey with confidence.

Sources:

1. Worldwide IDC Global DataSphere Forecast, 2022-2026: Enterprise Organizations Driving Most of the Data Growth (IDC #US49018922, May 2022) - <https://www.idc.com/getdoc.jsp?containerId=US49018922>

About WEI

WEI is an innovative, full service, customer centric IT solutions provider.

Why WEI? Because we care. We go further.

WEI is an expert in business technology improvement, helping clients optimize their technology environments and work efficiently. WEI works with clients to understand goals, integrate strategy with technology solutions, and leverage their current IT environment into one company-wide model to increase utilization and efficiencies around their unique business processes.