

*info*BRIEF

# The Cloud that Comes to You: HPE GreenLake and PDS Put the Cloud On Premises

**Success in today's business environment requires the right IT infrastructure. HPE and PDS deliver a framework built for the future.**

Digital technology is fundamentally reshaping today's enterprise. It's fueling a level of performance and innovation that was once unimaginable. Yet for many organizations, building and maintaining an advanced IT framework equipped for rapid and radical change can be daunting.

As various tools, solutions, and systems accumulate, integrating technologies and modernizing IT become more complex. It's also difficult to achieve a unified view of all the IT resources across an enterprise—including on-premises, public, and hybrid cloud infrastructure. That makes it challenging to attain agility, flexibility, and scalability.

Organizations are rethinking how to approach infrastructure. They're looking for ways to manage resources more effectively and incorporate more efficient IT consumption models. This includes putting the cloud on-premises to boost operational, technical, and financial flexibility while delivering more advanced security.

## Conventional IT has become complex

Unfortunately, there's a great deal of complexity inherent in legacy IT infrastructure. It needs continual management, maintenance, patching, and upgrades to provide connectivity with new applications and systems. That also requires ongoing expertise and skill sets to keep up with all these refreshes.

In addition, most organizations end up overprovisioning for critical infrastructure such as storage and compute to ensure that there are sufficient resources for peak demand. They often take a "better safe than sorry" approach and then waste 40% to 50% of server capacity, according to a survey by 451 Research.<sup>1</sup>

Furthermore, lengthy procurement processes make it difficult for organizations to move as quickly as the business demands.

**Hewlett Packard  
Enterprise**

That’s why the public cloud is an attractive option; it provides flexibility and scale on-demand. However, many enterprises still require on-premises infrastructure to support critical applications that are not suited for such an environment—whether for compliance, data governance, or security reasons.

Given today’s needs for innovation and digital acceleration, organizations need that cloudlike experience in their on-premises environment. Having these infrastructure capabilities not only frees them from an intensive up-front capital expenditure (capex) approach, but it also enables IT staff to focus on more-strategic tasks such as innovating, improving business processes with IT, and securing the enterprise.

### A modern, cloudlike approach on-premises

An operational expense (opex) model frees up cash and increases flexibility for budgeting and spending. It also simplifies planning and removes the friction associated with upgrade cycles and constant purchases while ensuring that there is on-demand capacity for peak demand—plus the ability to scale back down without extra cost.

Enter HPE GreenLake. The solution offers a pay-as-you-go, flexible consumption model that helps businesses simplify IT, free up resources, and get the best of both the public cloud and on-premises IT. Capacity can be scaled up or down with prepackaged and custom configurations utilizing trusted infrastructure delivered to the edge, colocation facilities, or data centers in as few as 14 days—with no up-front costs.

The IT consumption model delivers public cloud services and infrastructure as a service for workloads. Metering technology enables accurate and transparent billing based on actual use, so companies pay only for capacity they consume.

HPE GreenLake also delivers state-of-the-art security features. For example, HPE ProLiant servers include Silicon Root of Trust, which ensures that a system is free from tampering or malware at the BIOS level. As a result, it’s

### A Model for Savings

The consumption-based model for IT infrastructure results in significant capex savings:



SOURCE: “The Total Economic Impact Of HPE GreenLake,” Forrester Consulting, June 2020 <https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=a00047694enw>

possible to eliminate many risks associated with computing environments. HPE GreenLake systems also have built-in tools that simplify and streamline audit and compliance.

### PDS delivers expertise and results

It’s critical to work with a partner that understands your specific requirements and that has the insight and knowledge to build an advanced IT framework. PDS has been in the IT business for more than 35 years. The company builds long-lasting relationships with its clients by focusing on their unique needs—while modernizing their IT environments. PDS can help boost productivity, lower costs, and unlock business value.

PDS designs and engineers sophisticated solutions for organizations ranging from healthcare to corporations, government, and education. The company understands cybersecurity, business compliance, and other requirements that are critical factors in delivering the right IT infrastructure.

As digital technology marches forward and organizations are pushed to innovate, PDS can help tap into HPE GreenLake to build a connected and agile IT framework.

For more information, visit: <https://pdsit.net/>.

<sup>1</sup> “Having Your Cake and Eating It Too,” 451 Research, October 2019 <https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=a00091095enw>

