Hewlett Packard Enterprise

Solution brief

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HPE GREENLAKE FOR VDI

On-premises cloud services

Support people where they work:
In this time, employees often don't work in standard offices

- Employees need to access their usual apps and data, but often from untrusted devices and with variable network performance.

- Some work settings are inherently remote or portable—doctor offices, manufacturing floor, consultants on-site, who need access from different locations daily.

Digital workplace offerings from HPE are geared toward building next-gen digital workplaces that help clients attract top talent in their industries, create a converged cyber-physical digital environment that significantly increases the productivity of their workforces, ensure the safety and security of their employees, while helping them control costs.

"Pre-COVID, only 20% of organizations had at-home workers. But over half of organizations expect to have employees working from home at the end of 2020."[1]

[1] Work-From-Home Trends: Moving from Crisis to Recovery, Doc # US46248321, IDC, June 2020

TODAY'S VDI CHALLENGES

The benefits of VDI in workplace productivity strategies are well known.

In uncertain times, working from home has greatly increased and is likely to continue. Desktop apps are needed at home, in patient rooms, mobile offices, and many other industry scenarios. They need to perform as though they were running native, but need to be managed, upgraded, and controlled centrally. Even if they run on home PCs. And company data can't move to untrusted PCs.

While the public cloud may be suited for rapid scaling of general-purpose workloads, HPE GreenLake for VDI delivers secure desktops from customer data centers, to deliver the needed performance and price performance for the more demanding workloads.

A NEW MODEL THAT BALANCES BUSINESS PRIORITIES

HPE GreenLake for VDI is different. It is not "do it yourself", not in the public cloud, and not DaaS. You can choose predefined virtual desktop types in any combination. However, the hardware and software required to deliver these desktop experiences is deployed by HPE into your data center or

colocation facility keeping desktops close to applications and users.

HPE GreenLake is a set of distributed cloud services with a pay-per-use, scale up and down model, managed by HPE. Partners can deliver some support to preserve capital, boost operational and financial flexibility and free up your talent to accelerate what's next for you. This unique approach provides cloud flexibility on-premises, while keeping control of performance and security.

HPE manages the platform up to, but not including the desktop virtual machines; you retain full control of the crucial desktop application environment, while HPE focuses on keeping the platform available, performing and reliable.

Choose a Citrix-based or VMware®-based VDI solution, according to the need. Using Citrix Cloud Virtual Apps & Desktops as the VDI control plane enables customers to burst into public cloud if desired. And we still support a pure on-premises deployment using VMware Horizon® or Citrix Virtual Apps and Desktop (CVAD).

HPE offers an easy way to get started: The 1-day virtual collaborative VDI workshop. An HPE expert using online tools will gather relevant information using pre-designed forms to enable us to ask the right questions and make the right decisions with you, on your best approach. HPE Pointnext Services can design

and build out your new work experience, as an expert integrator with global capabilities. HPE partners often have the expertise to plan and deliver migration and integration.

And our system integration partners, Accenture and Wipro, offer their own advanced workplaces services leveraging HPE GreenLake to help customers adjust to the new way of working.

Once we define the mix of desktop types that workers use:

- Task workers, who typically use a small number of low compute intensity applications can use those applications with secure isolation from the device that they have. The solution is engineered to deliver the performance needed, at the right cost.

- Knowledge workers, with predominant use of office productivity applications and browsing, who gain the same VDI experience but with a more robust infrastructure to deliver the right user experience at the right cost.

- Power users who need more intensive use of office applications, mid-level graphics requirements or development platforms get VDI with higher processing power that can be NVIDIA® GPU-assisted, and can be delivered in a persistent or non-persistent model.

- Engineering professionals with intensive graphics requirements for CAD-type applications or financial multiscreens benefit from NVIDIA GPU-assisted compute.

Then identify the number of each that you need to support. HPE will build and deploy the infrastructure within your data center or colocation facility.

HPE GreenLake for VDI will support your workers in trusted or untrusted environments, keep the data close to the application for reliable performance, and keep Intellectual Property and data in your data center to safeguard privacy.
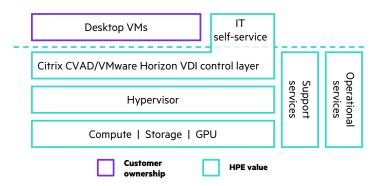

FIGURE 1. Customers empowered with ownership of desktop and applications

SIMPLE TO BUY AND SIMPLE TO SCALE

Get the necessary VDI software, hardware, and operational and support services deployed in your data center and receive a monthly bill based on usage. Do you have to flex up as demand increases? No problem. HPE GreenLake is designed to seamlessly scale, as you need it.
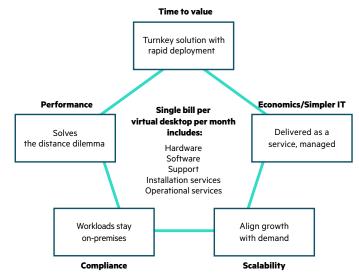

FIGURE 2. HPE GreenLake for VDI attributes

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