HPE GreenLake

Brochure

Desktop Virtualization Solutions to rapidly unleash the productivity of your remote workforce

Organizations are rapidly implementing and expanding secure, remote work options for their organizations. HPE is your trusted partner in delivering the expertise and experience, technology and partnerships, and as-a-service delivery to help you build and deploy a virtual desktop infrastructure (VDI) solution that meets your organization's requirements.

Find the right VDI solution for your business

The ideal VDI solution is not just about the number of users you need to support, but also the types of users and the workloads they run. Generally speaking, desktop virtualization users can be classified into three user types.

Task workers

- Client-server and browser-based workloads
- High-capacity mixed workloads
- Specialized functions for office and task knowledge workers.

Knowledge workers

- Specialized functions such as office automation, customer service, and task worker with client-server applications
- Collaborative groups, electronic health records (EHR), client-server and browser-based apps, and sales automation
- Enterprise-wide: Office automation with unified communications and browser apps, large-scale EHR, and back-office apps.

Power users

- Graphics-intensive workloads: computer-aided design (CAD), engineering, design, software developers, media, and entertainment

GPU-accelerated solutions

HPE compute platforms with NVIDIA vGPU technology address a wide range of data center needs with superior security, performance, and manageability. GPU-accelerated solutions enable users to work from anywhere, on any device, with access to the tools and applications they need to accelerate their graphics-intensive workloads on both virtual desktops and virtual workstations.

VDI Platform alignment

A key element of any VDI implementation is ensuring your platform supports the workload you are running. From traditional infrastructure to hyperconverged to everything in between, HPE provides a broad portfolio of VDI solutions, designed for both Citrix® and VMware® environments, to enable your remote workforce.

Traditional rack VDI solutions

HPE ProLiant

Designed to support a variety of workloads and use cases, HPE ProLiant servers offer a traditional rack environment supporting both Citrix and VMware environments. Whether you support a small team or hundreds of employees, this solution can scale to exactly match the needs of your company.

Task workers and small teams (as few as 30 employees)

Light workloads: Basic data-entry applications, command-line interfaces

Medium workloads: Consultant/market research, database-entry applications, command-line interfaces, Microsoft Word, and static webpages

Heavy workloads: Collaboration tools, Office, Word, Outlook, PowerPoint; and static/dynamic webpages

Intense workloads: Graphic designers, 3D model makers, machine learning, Adobe® Photoshop®, Adobe Illustrator®, CAD, and computer-aided manufacturing (CAM)

HPE Apollo systems

When highly technical and creative professionals need to work remotely, getting the performance, security, and manageability they need to work from anywhere on any device can be challenging. The HPE Apollo 2000 Gen10 system—with support for up to four NVIDIA® T4 GPUs—is a density-optimized, scalable solution that meets the demands of compressed design cycles and unlocks productivity faster, so all users receive better application performance to support their high-end VDI workloads.

Manufacturing: Computer-aided engineering (CAE) and CAD workloads

Healthcare and high-resolution scans

Financial services

Hyperconverged VDI solutions

HPE SimpliVity

HPE SimpliVity is well-suited for organizations, particularly small and midsize, who want a simplified hyperconverged infrastructure (HCI) experience that starts small and scales in small increments. Unique capabilities include built-in data protection, guaranteed data efficiency, and virtual machine (VM)–centric management, while providing peak and predictable performance without compromise for remote users such as office, task, and knowledge workers.

Task workers or knowledge workers performing general office work

Organizations planning to scale up in small increments over time

Organizations that prefer a simplified HCI experience

HPE Alletra dHCI

The industry's first disaggregated HCI (dHCI) powered by artificial intelligence (AI) is HPE Alletra dHCI. It delivers the flexibility of converged infrastructure with the simplicity of HCI. It disaggregates compute and storage and integrates hyperconverged control to give enterprises effortless VM management with the flexibility to support workloads with unpredictable growth. HPE Alletra dHCI is intelligently simple, resilient, and efficiently scalable.

HPE Alletra dHCI also enables you to convert existing HPE ProLiant DL360/DL380 Gen9 and Gen10 Servers into VDI solutions. Organizations can start with a small, medium, or large configuration, and then scale compute or capacity flexibly onto HPE Alletra dHCI.

Organizations requiring an easy-to-deploy, -scale, and -support VDI solution for remote workers and remote branches

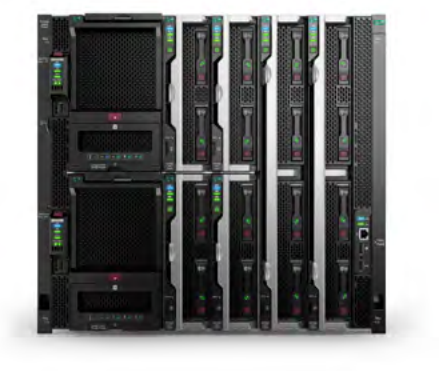
Organizations who require a lower TCO 1U all-in-one HCI solution

Composable VDI solutions

HPE Synergy

For large organizations with thousands of engineering, knowledge, and task workers, consider HPE Synergy. HPE Synergy facilitates high user density, VDI application loads from the most complex 3D graphic visualizations, common office suites, communications, and browser-based applications to a large-scale client server.

Architected to accommodate dynamic resource loads, HPE Synergy quickly and easily composes compute, storage, and fabric resources through a single user interface or rich application programming interface (API) to optimize configurations, automate deployments, and scale out for vital VDI workloads. HPE Synergy exceeds the requirements of any application load and is available in three kits to support varying numbers of knowledge workers: small (600+), medium (1200+), and large (2000+).



Specialized functions such as office automation, customer service, and task worker with client-server applications

Collaborative groups including EHR for midsize healthcare providers, client-server and browser-based apps, and sales automation

Enterprise-wide office automation with unified communications and browser applications, and large-scale EHR and back-office apps

Creative and technical professionals requiring graphics-rich workflows needed for modeling and simulation, photorealism, computer generated animations, and AI

Bare-Metal VDI solutions

HPE Moonshot

HPE Moonshot is ideal for knowledge workers such as financial traders, medical staff, or software developers who demand an exceptional user workspace experience. HPE Moonshot was designed from the ground up to be a solution-focused and workload optimized system. The innovation behind HPE Moonshot is simple—replace traditional, power-hungry, general-purpose processors with more efficient processors tailored for specific workloads. HPE Moonshot lowers IT costs through its unparalleled combination of high performance, extreme server density, and energy efficiency. When deployed as bare-metal VDI, HPE Moonshot delivers more than a 70% performance advantage and consumes 25% less power than the previous generation.

Financial services industry (FSI)

Organizations utilizing Big Data

High-performance computing (HPC)

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