

# Optimize VDI for the Future with Hybrid Cloud Management and Deployment



The COVID-19 pandemic accelerated the shift to a distributed workforce model that's fast becoming the norm. This new workforce model will be here to stay: In fact, nearly 75 percent of CFOs plan to shift some employees to remote work permanently.<sup>1</sup>

## EMPLOYERS

**60%** agree remote work is now a prerequisite for attracting and retaining talent.<sup>2</sup>

## EMPLOYEES

**30%** of the workforce will work remote multiple days a week by the end of 2021.<sup>2</sup>



## Can you continue to rely only on on-premises VDI delivery and management?

Virtual desktops and apps can help boost employee experience across devices and apps, wherever employees are working. But traditional on-premises VDI solutions pre-date the widespread use of cloud, and IT teams are struggling to provide distributed workforces with the fast, reliable access to both legacy and modern apps they need to stay productive. On-premises deployments and management alone can stifle capacity and the ability to deliver resources to the people who need them, when they need them.

### Common challenges include

**POOR PERFORMANCE**  
Stretching capacity to support significantly more users results in inadequate compute, memory or storage resources—and sub-par performance.

**INABILITY TO MEET UNEXPECTED DEMAND**  
Maxing out data center resources for existing operations can make it difficult to support growth.

**BUSINESS CONTINUITY CONCERNS**  
Repurposing secondary or backup data centers for daily operations leaves organizations unprepared for the future.

**! THE 2020 CALL FOR REMOTE WORK** Only 12% of organizations were highly prepared for the impact of the COVID-19 pandemic.<sup>3</sup>



## VDI desktops and apps that leverage the cloud

The ability to deploy and manage VDI desktops and apps in the hybrid cloud eases the pressure on existing IT infrastructure, eliminates distress, and positions you for success. Now is the time to go beyond traditional on-premises VDI solutions to modern, cloud-hosted or hybrid-managed approaches.

### CLOUD-HOSTED VDI

Cloud-hosted VDI solutions deliver flexibility and agility, and simplify management so you can provide a better employee experience and focus on finding ways to innovate and help your organization maintain its competitive edge.

**✓ Get quick time to value**  
Scale capacity quickly with global reach in minutes rather than months.

**79%** Say cloud VDI is more secure than traditional models.<sup>4</sup>

**✓ Meet business demands**  
De-risk business continuity plans with flexible capacity and instant on-demand scalability.

**✓ Control costs and avoid capital expenditures**  
Pay as you go for the resources you use rather than committing to up-front expenses for data center development or expansion.

**40%** average savings compared to traditional on-premises data centers.<sup>5</sup>

**26%** reduction in total infrastructure costs on average.<sup>6</sup>

**BY THE NUMBERS** Cloud VDI adoption **grew by 82% in 6 weeks** in response to the rapid shift to remote work.<sup>7</sup>

## HYBRID VDI DEPLOYMENT AND MANAGEMENT

If you can't or don't want to run all your apps and data in the cloud right away, then a hybrid cloud VDI solution is right for you. Start your hybrid cloud journey now, while optimizing the capabilities of your existing infrastructure.

**✓ Ensure on-premises apps meet remote user needs**  
Place desktops and apps close to the data they access—whether on-premises or in the cloud.

**✓ Leverage existing data center resources**  
Maximize investments in existing data center—based resources and leverage the cloud for additional capacity and use cases as needed.

**✓ Make cloud migration more manageable**  
Prioritize migrating apps and data to the cloud based on your unique needs and timeframe.

**✓ Simplify management**  
Leverage cloud native services to reduce costs and shift IT focus from performing manual administrative tasks to driving innovation—even with on-premises deployments.

**SCALE WITHOUT FAIL** Learn how you can leverage VMware cloud management services to efficiently deploy and manage virtual desktops and apps across on-premises and cloud environments.

### Chart your own cloud journey

The work-from-anywhere model is now mainstream, and so is the adoption of cloud delivery models. That's why more organizations are migrating from pure on-premises virtual desktop and app environments to more cloud- or hybrid-managed models.

Taking a phased approach to adopting cloud by using technology that enables hybrid capabilities lets you

- Transition only specified desktop and app workloads so you can optimize performance and user experience by keeping desktops and applications close to the data that employees need to do their jobs.
- Lower the cost of on-premises environments by leveraging modern cloud services

University of Technology Sydney **reduced operating costs by 40%** by moving desktops and apps to the cloud.<sup>8</sup>

## Discover new use cases with hybrid VDI

**BUSINESS CONTINUITY**  
To be prepared for a sudden surge in demand for desktops and capacity, you need the quick access to capacity that cloud can deliver.

**DATA CENTER EXTENSION**  
By extending your data center into the cloud, you can reduce the time, planning, expense and management resources required.

**APP AND DATA CO-LOCATION**  
The ability to co-locate virtual desktops and apps can reduce latency and improve experience.

## Pave your own path to the hybrid cloud with VMware Horizon

VMware Horizon® is a modern platform for the secure delivery of virtual desktops and apps across the hybrid cloud. With Horizon, you can

- Transform on-premises environments without redeploying apps.
- Extend the best digital workspace experience to end users.
- Deploy, manage and scale virtual desktops and apps across all Horizon environments with continuously updated management services from the [Horizon Control Plane](#).
- Monitor and update your deployment from one location.

“The VMware team helped design, build, architect and deliver more than 35,000 virtual desktops from Azure in 5 days.”

—TOP 5 U.S. INSURANCE COMPANY

## Start or speed up your journey to future ready VDI

Read industry luminary Brian Madden's *Journey to the Cloud* playbook.

[Download](#)