

PREPARE FOR TAKEOFF

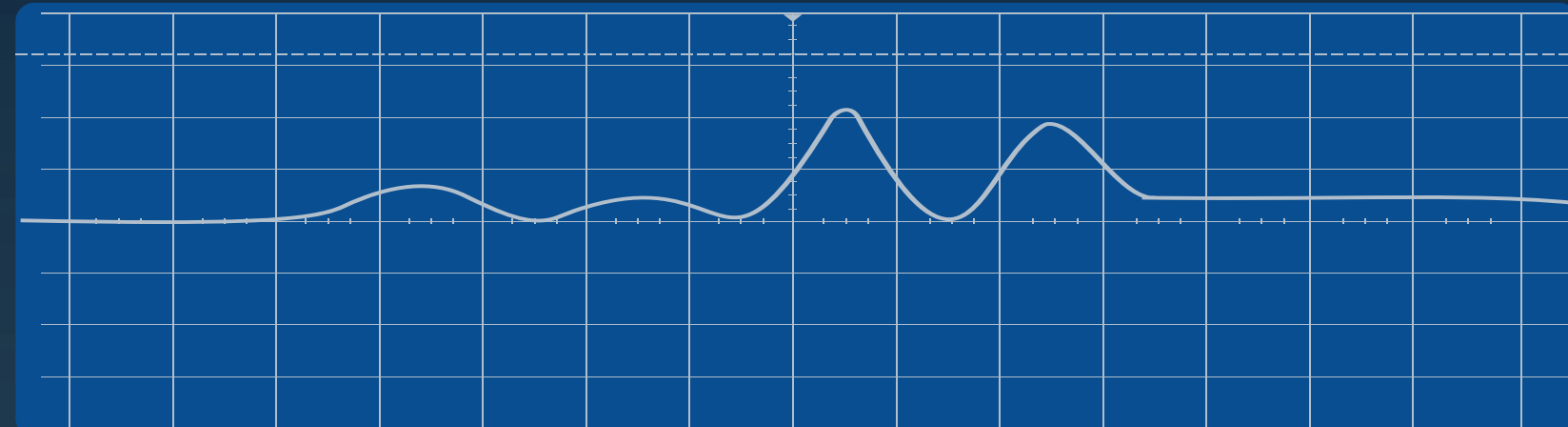
STAGGERING VDI PERFORMANCE IS WITHIN YOUR REACH

Today's businesses rely on high-powered workloads to do great things. And that means they need a whole new level of server performance. That's where Dell and AMD come in.

With virtualized desktop infrastructure (VDI) powered by Dell EMC PowerEdge™ servers and AMD EPYC™ processors, you can empower remote users with breakthrough performance — and advanced security, scalability, and cost savings.

WHY VDI? WHY NOW?

The pandemic shifted a wide range of industries to remote work, and VDI stepped up to the challenge. In fact, about **2/3 of workers** want to continue working remotely.¹



THREE KEY VDI ADVANTAGES:

With VDI, the bulk of processing is done on the server, so you can:

- Leverage your storage, networking, and compute resources to control costs
- Enforce security policies to protect sensitive information and prevent threats
- Provide workstation-level performance in remote environments

USE CASES ARE WIDESPREAD:

REMOTE WORKFORCES:

Access apps and data from anywhere, on any device

HEALTHCARE:

Provide care at different clinics, while protecting health records

EDUCATION:

Run simulations remotely and collaborate worldwide

FINANCE:

Track comprehensive stock data with compliant systems

MANUFACTURING (SHIFT WORKERS):

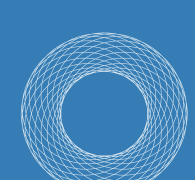
Share systems with different workspaces

AEC (ARCHITECTURE, ENGINEERING, CONSTRUCTION):

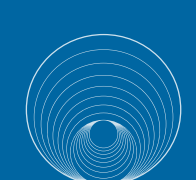
Work in 3D, even at client sites

TOP BENEFITS OF HCI

Improve application performance



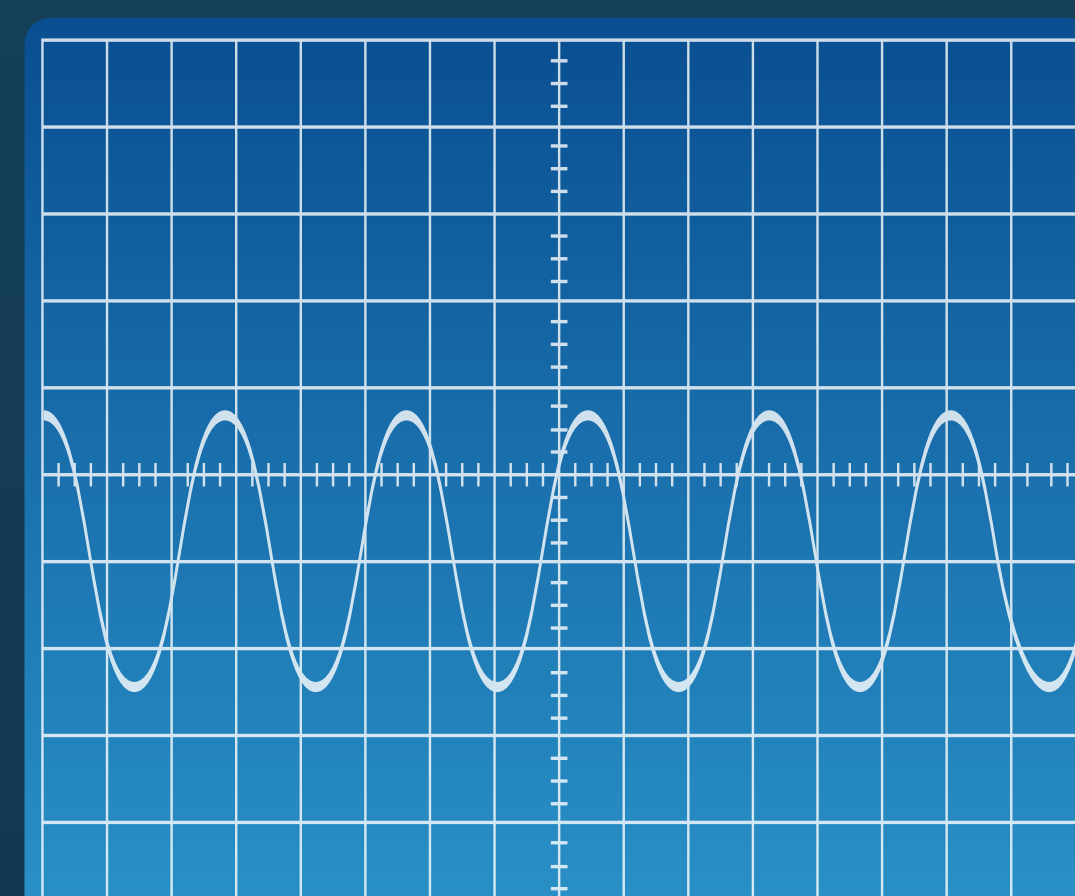
Scale easily to meet changing needs



Strengthen defenses



Save on power, cooling, space, and licensing



TURBOCHARGED VDI: UNDER THE HOOD

VDI workloads are unpredictable, causing serious performance hits in aging data centers. Enter hyperconverged infrastructure (HCI).

HCI takes all the elements of traditional hardware-defined infrastructure (silos compute, storage, and networking), and evolves it into a software-defined virtualized environment that's easier to manage and operate.



THE FAST TRACK TO HCI, POWERED BY DELL AND AMD

For unstoppable VDI workloads, you need world-record processing power, end-to-end security, and simplified manageability. Cost efficiency is just the icing on the cake.



Dell Technologies offers a range of VDI hyperconverged solutions, powered by AMD EPYC™ processors, to accelerate your workloads. The proof is in the numbers:



47.4%

better performance on commonly virtualized applications²



9.6%

better performance per dollar than the dual-socket competitor³



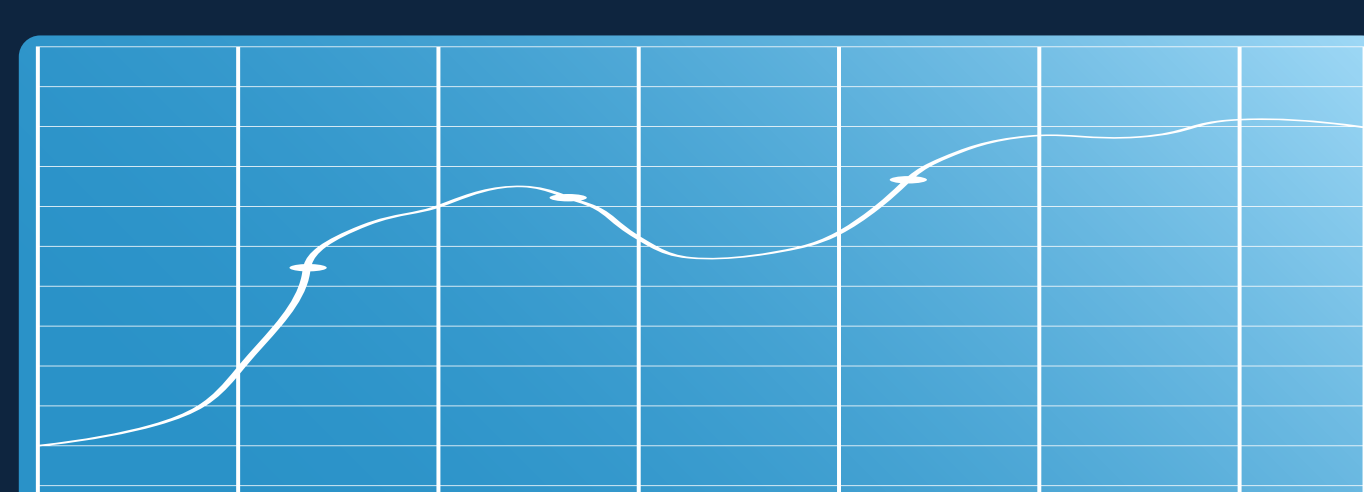
200+ users

supported per node with sub-second response times⁴

CHOOSE FROM NEXT-GENERATION VDI SOLUTIONS LIKE:

Dell EMC VxRail for a turnkey HCI platform, with game-changing performance for VMware workloads

Dell EMC vSAN Ready Nodes for customizable HCI, built on Dell EMC PowerEdge servers, and expertly engineered for superior performance



FIND THE VDI SOLUTIONS TO FIT YOUR NEEDS

¹Megan Brennan, "COVID-19 and Remote Work: An Update," Gallup, October 13, 2020. <https://news.gallup.com/poll/321800/covid-remote-work-update.aspx>

²AMD Performance Brief, "AMD EPYC™ 7Fx2 Processors Set New World Record: VMmark® 3.1 Using VMware vSan™," April 2020. <https://www.amd.com/system/files/documents/amd-epyc-7Fx2-dell-vmmarkvSAN-dualsocket-perfbrief.pdf>

³Principled Technologies, "Dell EMC R7515 EPYC 7502P vSAN performance summary," February 2020. <https://www.principledtechnologies.com/Dell/R7515-EPYC-7502P-vSAN-summary-0220.pdf>

⁴Tolly Test Report, "Dell EMC PowerEdge R7525 Virtual Desktop Infrastructure (VDI)," February 2020. <https://www.delltechnologies.com/resources/en-us/asset/white-papers/products/servers/tolly-220108-dell-epc-poweredge-r7525-vmi-performance.pdf>