



Deploy Dedicated Infrastructure for VDI at Cloudlike Speed

Virtual Desktop Infrastructure (VDI) has become a preferred end-user desktop deployment and support model. VDI provides greater security and control as well as lower support costs compared to tradition end-user desktop deployments.

Enterprises have had two options to deploy VDI. They can use a cloud-based desktop-as-a-service offering and live within the standards and limitations of the providers' service, or purchase hardware and software to be deployed on site or in a colocation data center. Deploying dedicated hardware and software provides greater control and flexibility but demands a large up-front capital expenditure and ongoing support and maintenance of the infrastructure. Enterprises shouldn't have to choose between control and agility for VDI.

THE SOLUTION

Hyperconverged Infrastructure (HCI) has become the preferred infrastructure model to support VDI workloads. Cyxtera's Extensible Data Center platform (CXD) delivers data center services in an on-demand consumption model. CXD Compute Nodes uses HCI to deliver dedicated compute and storage infrastructure for customers as a monthly service with no up-front capital required. Additionally, Compute Nodes future-proof the infrastructure, allowing for easy hardware expansion and upgrade to new hardware without service interruption or additional capital expenditures.



BENEFITS

Faster and easier deployment

Agile Future-Proof Platform

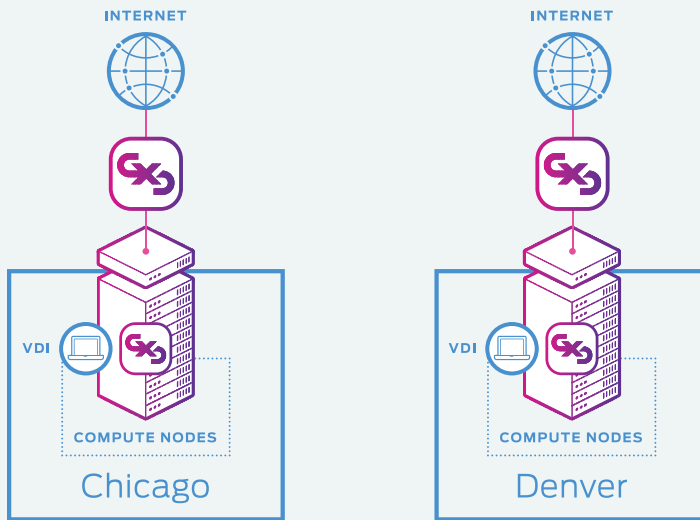
Flexible Operating Expense Cost Model

Easy Scaling to Support Client Growth

Security and Control of Dedicated Environment



THE ON-DEMAND DATA CENTER AT WORK



SAMPLE CONFIGURATION:

An initial deployment of 25 standard CXD Compute Nodes in each of two locations, Chicago and Denver, for a total of 50 nodes, would provide 1,200 cores. This configuration would support between 2,000 and 7,500 virtual desktops depending on the applications and end-user usage patterns.

CXD Compute Nodes and CXD IP Connect provide an ideal infrastructure platform for VDI.

SAMPLE CONFIGURATION SPECIFICATIONS

CYXTERA CXD COMPUTE NODES

Chicago – 25 General Purpose Hybrid Nodes

	Per Node	Total Capacity
Cores	24	600
CPU Speed	2.1 GHz	2.1 GHz
RAM	512 GB	12.8 TB
HDD Storage	8.0 GB	200 TB
SSD Storage	3.8 TB	95 TB

Denver – 25 General Purpose Hybrid Nodes

	Per Node	Total Capacity
Cores	24	600
CPU Speed	2.1 GHz	2.1 GHz
RAM	512 GB	12.8 TB
HDD Storage	8.0 GB	200 TB
SSD Storage	3.8 TB	95 TB

SUPPORTED HYPERVISORS

Nutanix Acropolis Hypervisor
VMware vSphere
Microsoft Hyper-V

APPLICATION/WORKLOAD

Virtual Desktop Infrastructure (VDI)
2,000 - 7,500 Virtual Desktop Users

CONNECTIVITY

CXD IP Connect (blended internet)
– 1 Gbps per site

For more information on CXD,
check out www.cyxtera.com/CXD