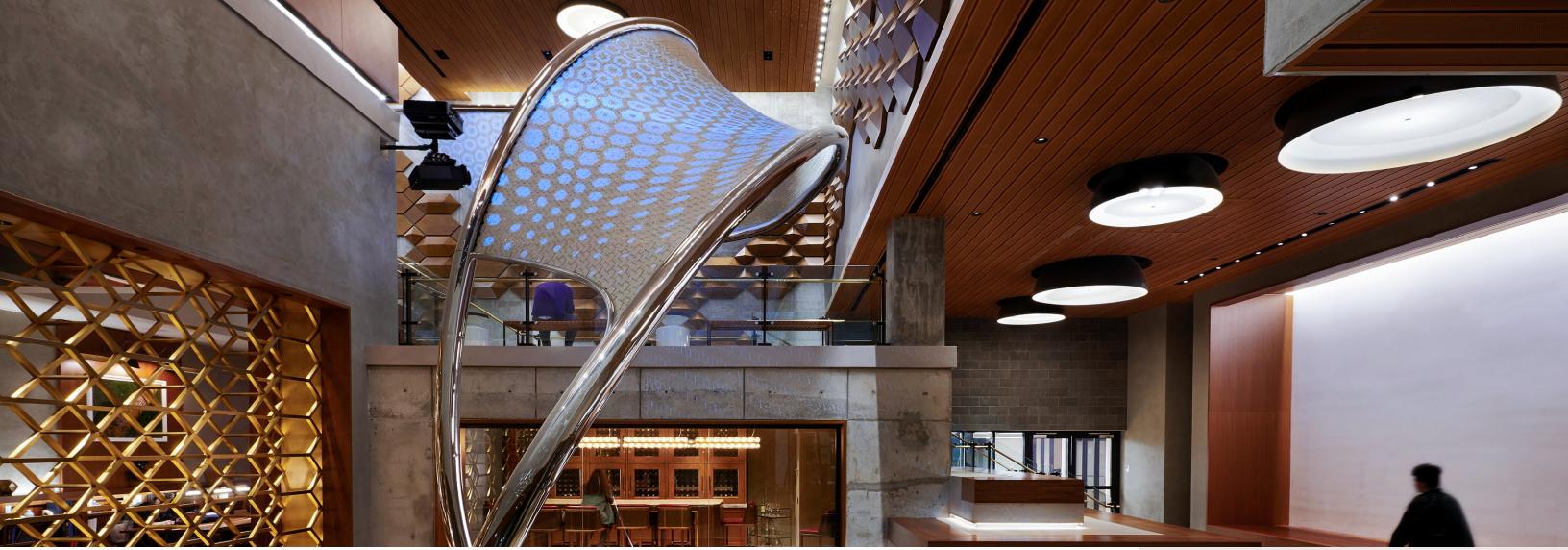


### Leading Design Firm Leverages Microsoft's Cloud-Based Virtual Desktop with Citrix to Maximize Power and Efficiency



#### The Challenge

For the award-winning design firm, on-premise infrastructure had become an IT management challenge and was not delivering the value the firm required, especially for their 3D renderings.

Their hardware (renders and V-Ray's) used to be ramped up occasionally for big projects and for other days the machines would sit there and not be utilized to its maximum.

#### The Approach

To support new growth objectives for the firm and control costs, Network Doctor suggested a virtual desktop infrastructure (VDI) solution.

Following a Proof of Concept that achieved the performance they required, both teams worked closely to deploy Citrix Cloud services on the Microsoft Azure Cloud Platform using VDI's with high performance GPU graphic cards.

The firm moved from CapEx (capital expenditures) to OpEx (operating expenditures) which allowed them to be more nimble financially.

#### How did the client benefit?

The ability to fluctuate computing power on demand allowed great performance and financial flexibility on Microsoft's redundant infrastructure environment.

The firm is now saving money on maintenance and running costs for rendering machines, V-Ray's, and servers. For rendering they now have scalability to increase resources which provides more CPU power resulting in less time rendering.

In addition to the efficiency gains achieved by reducing rendering time, designers and engineers are also able to work more productively and access their virtual desktops from any location.

#### How can you experience the same benefits?

If you're interested in what **Network Doctor** can do for you, contact us at [support@networkdr.com](mailto:support@networkdr.com) and see how our relationships with the right vendors and knowledge of cutting-edge technology can help you meet your goals and more.

#### PROBLEMS

- Aging in-house infrastructure was expensive to upgrade and maintain.
- Constrained design engineer productivity to an office setting.

#### SOLUTION

Move their server and application environments to the Azure cloud virtual desktop and app environment to reduce infrastructure costs while boosting performance.

#### BENEFITS

- Decreased infrastructure costs
- Enabled greater scalability
- Increased redundancy
- Eliminated hefty capital expenses
- Allowed graphic-intensive operations via remote access
- Improved project delivery times