

Simplifying AVD for hybrid environments with Nerdio and Nutanix



Overview

Organizations are modernizing legacy virtual desktop environments with a cloud-managed approach while still requiring flexibility to support infrastructure they control. Azure Virtual Desktop (AVD) for hybrid environments enables this by allowing workloads to run across both Azure and Nutanix AHV.

Nerdio Manager provides the centralized management layer that makes this model practical at scale. It enables IT teams to deploy, manage, monitor, and optimize AVD environments across Azure and Nutanix through a single, unified console. The result is a consistent administrative experience, simplified desktop orchestration, and a structured path to modernization without forcing a full cloud transition.

By eliminating fragmented tools and processes, Nerdio reduces the operational complexity typically associated with hybrid desktop environments. IT teams can apply consistent policies, streamline provisioning, and maintain full visibility across their deployment while supporting performance, compliance, and infrastructure flexibility requirements.

Key benefits



Centralized management

Manage AVD environments across Azure and Nutanix through a single Nerdio Manager interface.



Simplified desktop orchestration

Automate host provisioning, image management, updates, and lifecycle operations with minimal manual effort.



Modernization without disruption

Transition from legacy VDI platforms while continuing to leverage existing Nutanix AHV infrastructure.



Operational efficiency

Standardize administration across hybrid environments to reduce complexity and IT overhead.



Performance and flexibility

Place workloads closer to users and data while maintaining cloud-based control.



Consistent hybrid control

Apply unified policies, monitoring, and optimization across both Azure and Nutanix-hosted resources.

Accelerating desktop modernization with hybrid AVD

Many organizations want the scalability and innovation of Azure Virtual Desktop but cannot fully transition all workloads to the public cloud. Requirements such as data residency, application dependencies, and user proximity often necessitate a hybrid approach. At the same time, IT teams are under pressure to move away from legacy VDI platforms without introducing unnecessary risk or disruption.

Nutanix AHV provides a flexible infrastructure foundation for hybrid AVD deployments, while Nerdio Manager delivers the operational layer that makes these environments manageable. Instead of relying on multiple tools, IT teams gain a unified platform for provisioning, monitoring, and lifecycle management across both Azure-hosted and Nutanix-hosted session hosts.

This approach enables a phased modernization strategy. Organizations can migrate workloads incrementally, maintain control over infrastructure placement, and standardize operations across environments. The result is a more predictable and efficient transition to modern desktop delivery.

Optimized performance with simplified hybrid operations

Nerdio Manager is deployed in Azure and acts as the centralized control plane for AVD environments. When combined with Nutanix AHV, organizations can strategically place session hosts based on performance, cost, and compliance requirements while maintaining a consistent management experience.

This is particularly valuable for performance-sensitive workloads where proximity to users, applications, or data directly impacts the end-user experience. Organizations can leverage Nutanix infrastructure for steady-state capacity while using Azure for elasticity and burst scenarios.

Across these use cases, Nerdio simplifies operations by consolidating management into a single platform. IT teams gain unified visibility, standardized workflows, and streamlined control over images, host pools, and day-to-day administration. This reduces time spent navigating disparate tools and increases control over how hybrid desktop services are delivered and optimized.

Standardize hybrid AVD management with Nerdio

Nerdio and Nutanix enable organizations to modernize desktop delivery with greater flexibility and reduced operational complexity. With Nutanix AHV as the infrastructure foundation and Nerdio Manager as the centralized management layer, IT teams can standardize hybrid AVD operations while meeting performance, control, and modernization objectives.

Find out more by [requesting a demo](#).

About Nerdio

Nerdio is a leading provider of powerful, simplified cloud management solutions for businesses of all sizes. Trusted by managed service providers (MSPs) and enterprise IT departments alike, Nerdio equips organizations with seamless, cost-effective management tools for Azure Virtual Desktop (AVD), Windows 365, and comprehensive Modern Work solutions.

With thousands of customers worldwide, Nerdio accelerates cloud adoption, enabling companies to thrive in an era of hybrid work by providing modern, future-proof technology that adapts to evolving workplace needs.

For more information, please visit www.getnerdio.com.