Simplify Infrastructure for Media Processing with Nutanix

Nutanix Cloud Platform delivers the flexibility, speed, scale and simplified management to turbocharge for Telestream Vantage environments

KEY BENEFITS

Faster time to deployment
Quickly provision media conversions, multi-format video environments and multi platform distribution.

Superior scalability
Grow deployments with less hassle and fewer unexpected bottlenecks.

Flexibility and performance
Adapt to unforeseen requirements more easily. Benefit from proven performance with less time spent tuning infrastructure.

Ensure availability
Deliver edge-to-edge reliability with a resilient platform that can handle peak loads with ease and speed.

Leading security
Safeguard data and applications with security designs that exceed the requirements of the US government.
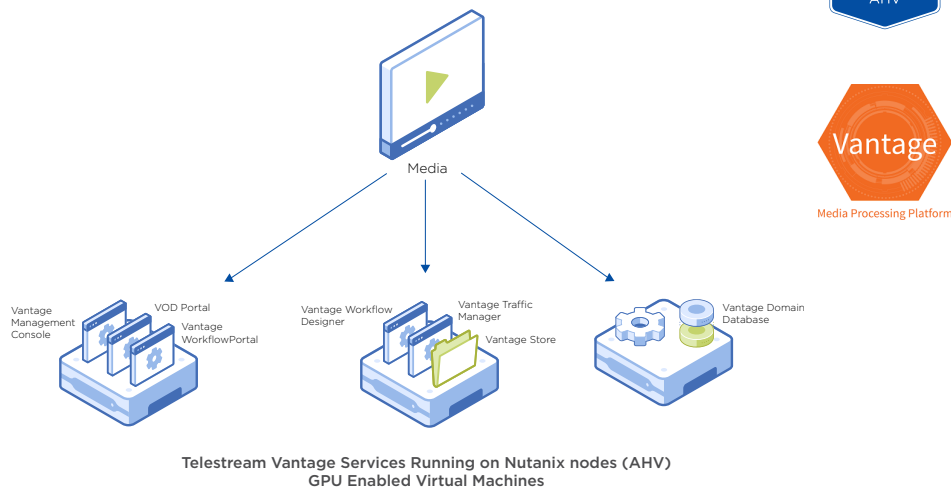
FEATURED PARTNER

telestream

Nutanix is an approved Telestream Partner. The Telestream Vantage platform can be used in conjunction with Nutanix datacenter and cloud infrastructure.

The computing power necessary to complete common media processing tasks such as ingest, transcoding, and packaging grows every year. Successful processing operations hinge on having the right infrastructure in the right place. However, as infrastructure needs grow, things can quickly become complex. Deploying a solution that offers the necessary performance and scale without giving up flexibility or simplicity can be a challenge.

Nutanix Cloud Platform makes it simple to deploy the infrastructure you need where you need it—on-premises, in the cloud, or in the field. Nutanix has partnered with Telestream to help you take media processing to the next level.

SIMPLIFY AND ACCELERATE TELESTREAM VANTAGE WORKFLOWS

Telestream Vantage® Media Processing Platform is optimized to manage all media services from the camera to the point of distribution, allowing content owners, producers, and distributors to quickly, easily, and cost-effectively ingest, edit, transcode, QC, package, monetize, and distribute their media.

The combination of Vantage and Nutanix Cloud Platform simplifies modern media workflows. Leveraging the power of Nutanix's industry-leading hyperconverged infrastructure (HCI) and NVIDIA RTX 6000 GPUS provides scalable, intelligent workflow automation for file-based content production and multi-channel distribution.

Why Choose Nutanix for Media Processing?

Traditional infrastructure adds complexity to your media processing environment. You have to select and manage servers, networks, and storage independently, increasing management overhead, requiring greater technical expertise, and resulting in a larger footprint. Nutanix HCI eliminates these challenges.

Nutanix Enterprise Cloud Platform is the industry's leading HCI solution, natively converging compute, virtualization, and storage into a resilient, software-defined solution with rich machine intelligence. Nutanix delivers cost savings and predictable scalability for even the most intensive media processing workloads

NUTANIX

with a simple scale-out architecture. Scale compute and storage in lockstep, and easily. The advanced design of the Nutanix platform enables high availability across all system components.

Nutanix Prism is the ideal infrastructure management solution for media environments, bringing unprecedented simplicity by combining various aspects of administration and reporting. Powered by advanced machine learning, Prism can mine large volumes of system data to automate common tasks and generate actionable insights for optimizing virtualization, infrastructure management and everyday operations.

Nutanix Media Processing Platform
Telestream Vantage on Nutanix AHV

Media

Vantage Management Console

VOD Portal
Vantage WorkflowPortal

Vantage Workflow Designer

Vantage Traffic Manager
Vantage Store

Vantage Domain Database

Telestream Vantage Services Running on Nutanix nodes (AHV)
GPU Enabled Virtual Machines

ADVANCED CAPABILITIES STREAMLINE MEDIA PROCESSING

Nutanix one-click management streamlines operations for media processing deployments. Common IT tasks are automated and Nutanix provides a single interface for managing servers, storage, data protection, virtualization, and more. Management tasks are simple and don't require an IT expert administrator. System updates can be accomplished with a single click and no planned downtime. Additional benefits for Telestream Vantage and other media processing environments include:

Advanced data services. The Nutanix platform integrates all the popular data services using the same infrastructure, avoiding the need for separate dedicated storage systems—and additional management hassles.

Files For file-oriented applications such as Vantage, Nutanix Files allows you to create NFS and SMB file shares as part of your Nutanix cluster, eliminating the need for separate NAS systems.

Objects If you need object storage for archival or other purposes, Nutanix Objects offers S3-compatible object storage, with the ability to accommodate terabytes to petabytes of data. Write-once-read-many (WORM) functionality provides immutability and chain of custody control.

Volumes Present storage volumes as iSCSI disks to VMs and physical servers that need them.

Calm Application automation simplifies the deployment and management of media applications, incorporating all necessary elements into an easy-to-use blueprint. Need to deploy media processing software in a new location or allocate additional resources for transcoding? Nutanix Calm makes those tasks easy, fast, and repeatable.

ACHIEVE SUPERIOR SECURITY FOR VALUABLE MEDIA ASSETS

Cyber threats continue to increase, putting your media assets and operations at risk. With Nutanix, security begins with a hardened software platform for HCI and builds on that foundation with features and functions to increase security posture and help you detect security threats, prevent data loss, and ensure continuous business operations. Nutanix Flow helps you enable microsegmentation and a zero-trust security model.

GETTING STARTED

Nutanix is a trusted partner for the media industry, helping content producers transform their operations with flexible solutions. To learn more about how Nutanix can help your business prepare for the future, visit nutanix.com/solutions/media or contact Nutanix at info@nutanix.com, follow us on Twitter @nutanix, or send us a request at www.nutanix.com/demo to set up your own customized briefing.

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T. 855.NUTANIX (855.688.2649) | F. 408.916.4039
info@nutanix.com | www.nutanix.com | @nutanix