NUTANIX HELPS K-12 AND HIGHER EDUCATION INSTITUTIONS ACCELERATE IT WITH TRANSFORMATIVE TECHNOLOGY

Educational institutions are increasingly facing new challenges with their legacy IT infrastructure. New trends such as online learning, educational portals, statewide testing, BYOD, virtualization, learning applications and instructional videos are creating new models of teaching and learning.

IT infrastructure needs to be more adaptable than ever to address these trends under tighter budgets and with limited IT resources while aligning to standards such as Common Core State Standards and Smarter Balanced Assessment Consortium.

THE ENTERPRISE CLOUD PLATFORM OF CHOICE BUILT FOR THE CLOUD ERA

Nutanix Enterprise Cloud Platform is the industry’s leading hyperconverged infrastructure solution that natively converges 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 workloads with a simple scale-out architecture. The advanced architecture of the Nutanix platform enables high availability across all system components to an unlimited number of simultaneous users.

THE IDEAL PLATFORM TO ADDRESS ALL K-12 AND HIGHER EDUCATION NEEDS

From VDI workloads to Exchange Mailboxes to administrative tools like InfiniteCampus and Pearson Education products, Nutanix provides the flexibility to run multiple applications on a single infrastructure. This eliminates the need for expensive, dedicated resources per application, while satisfying electronic information protection regimes. Some of the applications supported on the Nutanix Enterprise Cloud Platform, but not limited to include:

Messaging and Unified Communications Applications such as Avaya Unified Communications, Cisco UC, Microsoft Lync, Financial ERP Applications such as Munis, SAP, Oracle, and NetSuite. LMS Applications such as Desire2Learn, Blackboard, Jenzabar, Canvas, and Angel.

KEY BENEFITS

The simple solution for education infrastructure

• Reduce TCO - save on power, cooling, and space costs
• Single pane of management for the entire server and storage infrastructure
• Hypervisor-agnostic solution
• Single infrastructure to run mixed workloads
• Start small and scale as needs grow
## ONE-CLICK INFRASTRUCTURE AND VIRTUAL ENVIRONMENT MANAGEMENT

Nutanix Prism is the ideal end-to-end consumer-grade management solution for educational institutions bringing unprecedented simplicity by combining several aspects of administration and reporting. Powered by advanced machine learning technology, 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 Prism manages the entire stack, from the storage and compute infrastructure all the way up to virtual machines (VMs), with a single click of a button. Powered by advanced data analytics and heuristics, Prism simplifies and streamlines common workflows within a datacenter, eliminating the need for disparate management solutions.

## LOW COSTS TO START, LOWER COSTS TO RUN

The modular building-block design of Nutanix Enterprise Cloud Platform enables educational institutions to start with small deployments and grow incrementally into very large installations. The platform’s ease of configuration lets you roll out as budgets permit—by campus, by department, or by grade.

Nutanix reduces business disruption costs. Non-disruptive upgrades and all-inclusive software remove numerous points of failure, reducing the need for maintenance and the likelihood of outages. An IDC study of Nutanix customers showed that unplanned downtime decreased by 99.7% and planned downtime decreased by 100% when customers moved from traditional datacenter infrastructure to Nutanix Enterprise Cloud Platform. Implementations are performed in hours, not days. The appliance’s small footprint yields lower cooling and power costs.
RUN ON THE HYPERVISOR OF YOUR CHOICE
The Nutanix Enterprise Cloud solution includes Nutanix AHV, an integrated virtualization solution, at no additional cost, providing the virtualization capabilities that K-12 and higher education applications rely on and need. AHV helps simplify the datacenter stack as hypervisors move to become another feature like deduplication and compression in the new hybrid cloud world. Nutanix Enterprise Cloud Platform is also validated and integrates with VMware vSphere and Microsoft Hyper-V virtualization solutions, offering IT a better experience.

Get in touch with us to learn how Nutanix can deliver simplicity and scalability to your IT infrastructure