

State and Local Government Solution Brief

KEY BENEFITS

The simple solution for Public Sector 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

NUTANIX HELPS STATE AND LOCAL GOVERNMENTS ACCELERATE IT WITH TRANSFORMATIVE TECHNOLOGY

State and local government agencies must maintain the delicate balance between budget restrictions and the growing demands for IT services. As a result, IT teams in the public sector are often forced to make difficult choices to demonstrate financial responsibility, while delivering all of the services the public needs. To accomplish their goals, government agencies need powerful and cost-effective IT solutions, with the flexibility to scale their environments easily and efficiently.

Nutanix provides predictable economics and scalability benefits of web-scale IT to help you deliver better services with your current budget and IT team. We have already helped hundreds of government departments and agencies make the transition to an efficient and virtualized datacenter built on web-scale hyperconverged infrastructure.

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 STATE AND LOCAL GOVERNMENT NEEDS

From virtual desktop workloads to Exchange mailboxes to mission-critical applications, Nutanix provides the flexibility to run multiple applications on a single platform.

This eliminates the need for expensive, dedicated resources per application. 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, Microsoft Lync, Cisco UC, Financial ERP Applications such as Munis, SAP, Oracle, and NetSuite.

CUSTOMERS



FEATURE	IT BENEFIT	BUSINESS BENEFIT
Integrated Compute & Storage	<ul style="list-style-type: none"> Simplified management Web-Scale architecture enables linear scalability 	<ul style="list-style-type: none"> Lower total operating costs Lower capital expenditures Fewer hardware and software license requirements for greater cost efficiencies
Solid-state Memory Booth & storage	<ul style="list-style-type: none"> Highest performance responsiveness Faster refresh of desktops 	<ul style="list-style-type: none"> Faster log-ins Higher ROI
Redundant Data Storage/replication	<ul style="list-style-type: none"> More resilient data backup and disaster recovery Meets most aggressive RTOs (Recovery Time Objectives) Addresses virtually any RPO (Recovery Point Objective) 	<ul style="list-style-type: none"> Minimal down-time Business continuity
Small Hardware Footprint	<ul style="list-style-type: none"> More efficient rack utilization Simplified management 	<ul style="list-style-type: none"> Reduced demand on Facilities Lower power and cooling expenses
Multi-hypervisor Support	<ul style="list-style-type: none"> Ease of management VMware ESXi, Microsoft Hyper-V and Nutanix AHV supported 	<ul style="list-style-type: none"> Ecosystem of proven standards-based products and solutions

Figure 1 - IT and Business Benefits of the Nutanix Enterprise Cloud

ONE-CLICK INFRASTRUCTURE AND VIRTUAL ENVIRONMENT MANAGEMENT

Nutanix Prism is the ideal end-to-end consumer-grade management solution for the public sector 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 State and Local Governments 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 agency, by city, or by state.

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.



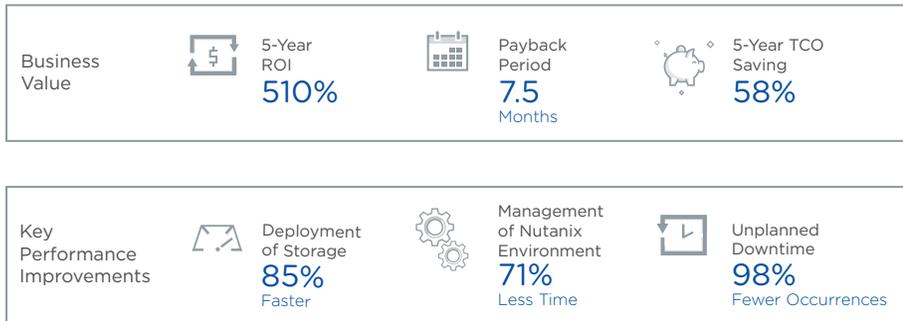


Figure 2 - IDC Compares TCO and ROI of Nutanix vs Traditional Infrastructure

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 government agencies 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 help you respond faster to the needs of constituents and agencies while reducing IT capital and operating expenses.

“With Nutanix, we can now focus on delivering services to our business units, not managing our data center.”

- Ravi Misra, Chief Information Officer, SF Bay Area Rapid Transit



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Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications. Learn more at www.nutanix.com or follow us on Twitter [@nutanix](https://twitter.com/nutanix).

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