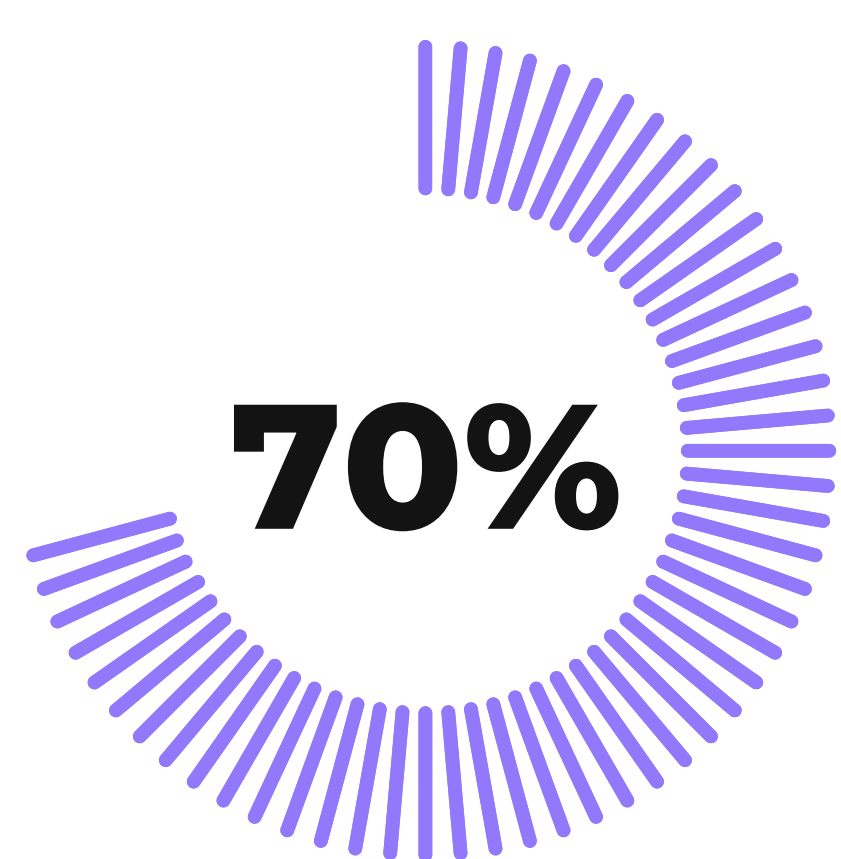# NUTANIX

Enhancing Sustainability with Nutanix Cloud Platform

Nutanix delivers a unified platform that minimizes complexity and maximizes efficiency, allowing businesses to run apps and data anywhere. It offers organizations the freedom to choose their clouds, apps and technology stack without sacrificing performance or cost. As a robust solution for modern IT infrastructure, Nutanix also supports achieving sustainable outcomes.

On-Premises, at the Edge, or in Hosted and Managed Clouds

On average, customers that shared their experiences using the Nutanix Cloud Infrastructure (NCI) solution in Nutanix Cloud Platform (NCP) reported over a
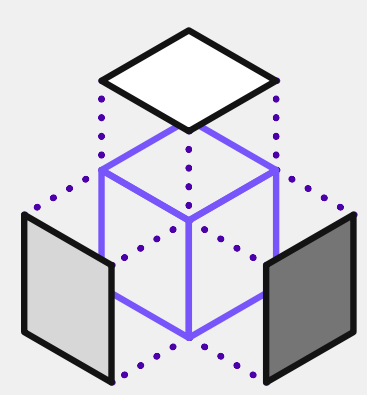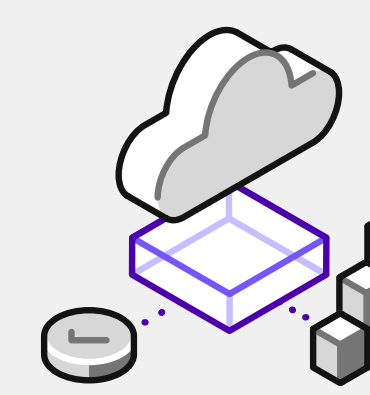
70%

decrease in physical footprint

50%

reduction in energy consumption versus legacy systems.[1]

Efficiency

Minimize Footprint
- Help save on energy, carbon, and costs with an overall reduction in hardware.
- Enhance efficiency with cluster hibernation and auto-scaling in the public cloud.

Optimize Workload Placement
More easily meet priorities like maximizing energy efficiency or reducing emissions with the flexibility to move workloads quickly and without refactoring.
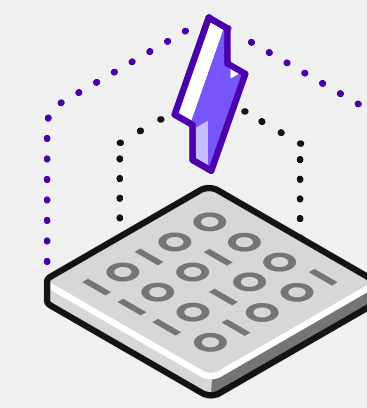
Intelligence

Leverage Automation, Visibility & Insights
- Accelerate the adoption of sustainable practices with enhanced visibility and control.
- Achieve 53% more efficient IT management[2].

Resilience

Enhance Business Continuity
- Reduce risk by helping protect from data loss, downtime and ransomware.
- Realize a 97% reduction in unplanned downtime[2].
- Detect threats within 20 mins and deliver 1-click recovery[3].

Extend to Public Cloud

In some cases, extending workloads to the public cloud can significantly reduce emissions. According to Gartner, "public cloud providers can produce 70% to 90% fewer GHG (greenhouse gas) emissions than traditional server rooms, owned data centers and midsize data center facilities."[4] NCP uses identical operations and enterprise data services across clouds so you can easily move workloads without refactoring. As part of NCP, Nutanix Cloud Clusters (NC2) is the software that runs on bare-metal instances in AWS or Azure.

[4]Gartner Press Release, Gartner says CIOs Must Balance Environmental Promises with the Risks of AI, November 7, 2023.
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Sustainability at Nutanix

Nutanix is a global company with headquarters in San Jose, California. Over a decade ago, the company pioneered hyperconverged infrastructure (HCI), which broke down IT silos and simplified scalable datacenters. Now our hybrid multicloud platform helps customers break down silos between public clouds, on-premises datacenters, and the AI-enabled edge.

Our platform allows Nutanix and our customers to shrink their datacenter footprint to more efficiently manage IT resources. In addition, it allows the ability to scale computing resources to only use and pay for what they need or migrate workloads to where it makes the most sense based on focused priorities including reducing energy consumption, or emissions.

We strive to improve how we operate our spaces and use our resources to decrease our environmental impact. As one example, we leverage our own hybrid mulitcloud platform to minimize our physical footprint in our datacenters. Our software-enabled design helped us build a hyperdense datacenter that resulted in 68% greater datacenter density, leading to less cooling and energy consumption requirements. We also invest in renewable energy certificates to account for more half of our company's energy consumption.

You can read more about Nutanix sustainability initiatives in our annual Environmental, Social & Governance report.

For more information on sustainability at Nutanix please contact sustainability@nutanix.com

[Learn More]

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