

Hybrid Multicloud Choices Can Increase ROI via Sustainability Benefits: A C-Suite Guide

Strategic insight

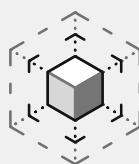
Sustainability is no longer a peripheral concern – it's a core business driver. [Research](#) by analysts at IDC confirm that modernizing IT infrastructure with sustainability in mind can optimize operational costs and organizational resilience.

Modernizing IT infrastructure with hybrid multicloud is not just a technology upgrade – it's a driver for sustainability, cost efficiency and resilience. The IDC study of Nutanix Cloud Clusters (NC2) deployments reveals measurable environmental and financial benefits. Hybrid multicloud deployments, particularly those leveraging platforms like NC2, offer a compelling path forward.

Key takeaways



Power savings:
60%-80% reduction across two organizations.



Rack-space reduction:
80% for one enterprise.



Carbon impact:
199.5 metric tons of CO₂ eliminated for the second enterprise – equivalent to the **carbon sequestration of 201 acres of U.S. forest.**



AI-ready infrastructure:
Efficient infrastructure like hybrid multicloud can free up power and cooling for data-intensive workloads like AI and GenAI.

Business value beyond sustainability: Strategic outcomes from hybrid multicloud

The IDC study confirms that hybrid multicloud infrastructure has the potential to deliver more than environmental benefits – it can drive measurable business value.

- **Cost avoidance:**
Reduced need for future cloud or infrastructure procurement.
- **Operational resilience:**
Effective disaster recovery and capacity planning.
- **Regulatory readiness:**
Provides options for compliance with data sovereignty and sustainability mandates.
- **Scalability:**
Flexibility to handle unpredictable demand without overprovisioning.

Power of the C-Suite

Technology can be leveraged to pursue sustainability initiatives. The call to action is clear: Seize the opportunity to invest in technologies that can transform compliance pressure into a catalyst for long-term innovation and resilience.

Get the [IDC white paper](#) to learn more about the benefits of hybrid multicloud or visit www.nutanix.com/solutions/hybrid-multicloud.

“Rack space across two key datacenters was reduced by **80%**. Power consumption was reduced by over **75%** in total and over **80%** at the DR site.”

Global Datacenter Operations
Manager, Media and Publishing¹

¹ Source: IDC white paper sponsored by Nutanix, Hybrid Multicloud Deployment Choices Can Increase ROI Via Sustainability Benefits (IDC #IDC #US53179725, March 2025)

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