Cloud Catalyst

Atos | aws

Driving sustainable growth with CloudCatalyst

Enterprises that embrace environmentally conscious practices are not only reducing their carbon footprints but also driving efficiency and cost savings.

Through **CloudCatalyst**, organizations can migrate to the cloud while prioritizing sustainability. **CloudCatalyst** helps reduce energy consumption, optimize resources, and leverage renewable energy sources to power cloud infrastructures, leading the way to a greener future.

Reducing carbon footprint with cloud migration

Sustainability is no longer just a corporate responsibility; it's a business imperative. Organizations that embrace environmentally conscious practices are not only reducing their carbon footprints but also driving efficiency and cost savings.

CloudCatalyst by Atos offers a dual solution: a seamless cloud migration process that prioritizes sustainability. By optimizing workloads, reducing energy consumption, and leveraging renewable energy sources, CloudCatalyst empowers organizations to make a tangible impact on their environmental goals, driving both cost savings and operational excellence.

Key insight

Migrating from traditional data centers to the cloud **significantly reduces energy consumption** and **carbon emissions**.

Solution

By optimizing workloads and leveraging energy-efficient AWS data centers powered by renewable energy, **CloudCatalyst** helps businesses cut their carbon footprint **by up to 88%**.[1]

Supporting data

Cloud data centers use **77% fewer servers** and operate **84% more energy-efficiently** than traditional on-premise infrastructure.[2]

1. A look inside the AWS lab where retired data center hardware gets a second chance
2. Customer Carbon Footprint Tool

Sustainable operations with right-sized infrastructure

Legacy systems often result in inefficient resource usage, wasting both energy and money. **CloudCatalyst** addresses this by enabling businesses to right-size their infrastructure, ensuring they only use what they need. Through automation and auto-scaling features, **CloudCatalyst** helps minimize over-provisioning, leading to more sustainable and cost-efficient operations.

Key insight

Over-provisioning in **legacy systems leads to high energy usage and resource wastage.**

Solution

CloudCatalyst ensures companies only use what they need by right-sizing infrastructure and leveraging AWS's auto-scaling capabilities, minimizing over-provisioning and resource consumption.

Supporting data

Businesses that adopt cloud platforms can **reduce energy usage by 65%** through more efficient resource allocation.[3]

3. Energy Transition

Renewable energy and cloud

The shift toward renewable energy is transforming the IT landscape.

With AWS committed to running on 100% renewable energy by 2025, businesses can now operate more sustainably by leveraging cloud infrastructure powered by clean energy. **CloudCatalyst** allows organizations to tap into these renewable energy sources, contributing to their sustainability goals while optimizing performance.

Key insight

AWS is committed to powering its data centers with 100% renewable energy by 2025, offering businesses a greener way to manage their IT infrastructure.

Solution

Migrating to the cloud with CloudCatalyst allows organizations to take advantage of AWS's investment in renewable energy, contributing to both operational sustainability and environmental responsibility.

Supporting data

AWS's cloud infrastructure will save up to 5.9 million tons of CO2 emissions annually by 2025.

Make sustainability a organizational advantage

Are you ready to harness the full potential of the cloud to reduce your carbon footprint?

Join the movement towards a sustainable future with the power of cloud-driven innovation. Partner with providers like AWS and Atos to transform your operations and become a sustainability pioneer. The future won't wait, and neither should you.

To learn more, visit **atoscloudcatalyst.com**

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