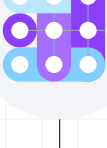


Data Story

The power of hybrid cloud + AI



Accelerating multi-lane transformation with hybrid cloud

In the high-stakes race for business transformation, initiatives such as generative AI, sustainability, and workforce upskilling are top-of-mind when seeking a strategic advantage. And for development and deployment at enterprise scale, the preferred engine of transformation is hybrid cloud.

Generative AI gains traction with hybrid cloud users

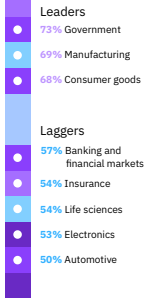
68%

of hybrid cloud users have a formal, organization-wide policy/approach for the use of generative AI.

A year ago, generative AI was just coming onto the scene for enterprises—now it's a priority. As organizations around the world put generative AI to work, they understand its requirements—huge volumes of data, massive computing power, advanced security architecture, and rapid scalability.

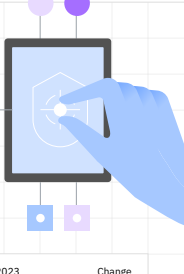
In short, the power of hybrid cloud.

Organizations that have a formal, organization-wide approach/policy for the use of generative AI

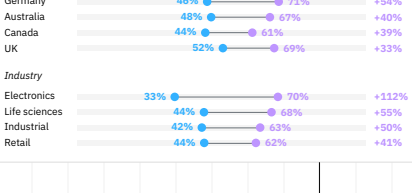


What is slowing down generative AI adoption?

Barriers that once slowed down hybrid cloud adoption are now impeding generative AI. For example, **45%** of cloud leaders are concerned about cybersecurity or the privacy and confidentiality of data and information when adopting generative AI. In addition, **61%** of cloud leaders cite security or compliance as reasons for moving certain workloads from public to private clouds or on-premises data centers, up **22%** from the previous year.



Increasing concerns about security or compliance



Actions to accelerate

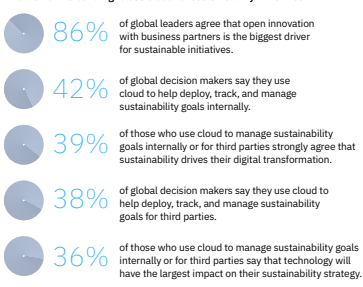
1. Adopt an organization-wide strategy to develop and deploy generative AI and align it with enterprise-level AI and digital transformation.
2. If necessary, move sensitive workloads from public to private clouds or on-premises to address security or compliance concerns.
3. Address cybersecurity concerns that impede generative AI as well as the benefits this technology brings to threat detection and automation.

Cloud considerations

Embrace sustainability and navigate the labor market

In addition to generative AI, enterprises have other considerations on their cloud agenda. A cloud environment is essential for managing sustainability initiatives at an enterprise level, but workforce deficiencies in cloud skills are impacting implementation.

Momentum is building to use cloud for sustainability initiatives



Concerns about cloud skills loom large

On average, **58%** of global decision makers say that cloud skills remain a considerable challenge, and **72%** of organizations have created new positions to fulfill the need for cloud skills. The percentage of new positions is even greater in highly regulated industries, including **79%** in Banking and Financial Markets, **79%** in Chemicals and Petroleum, and **81%** in Transportation and Travel.

Actions to emphasize

1. Use hybrid cloud to deploy, track, and manage sustainability goals internally, as well as for partners and third parties.
2. Expand hybrid cloud and generative AI upskilling so more employees can use these transformational technologies more effectively.
3. Integrate generative AI into workflows and applications to help ensure the future readiness of your organization.

Interested in more insights and discussion on this topic?

Check out:
[The CEO's guide to generative AI: Tech spend](#)
 Learn more about AI and hybrid cloud deployment:
[Hybrid cloud software for a smarter business](#)

Also, visit ibm.com/ibv and sign up for the IBM IBV newsletter.

You'll be notified of upcoming publications across a large variety of hot topics.