Atos | aws

Empowering secure cloud transformation

As enterprises move to the cloud, securing data and ensuring compliance are essential to success. With CloudCatalyst from Atos and AWS, businesses can enhance their security strategy, mitigate risks, and protect critical assets in a cloud-first environment.

Protecting your data in the cloud

Cloud migration offers unparalleled scalability and efficiency, but it also introduces new security risks. As enterprises move critical systems to the cloud, concerns over unauthorized access, data breaches, and compliance loom large. CloudCatalyst addresses these challenges head-on by integrating **advanced encryption protocols** that secure data both in transit and at rest, ensuring information remains unreadable to unauthorized entities.

Key point
Cloud data security is a top concern for businesses moving critical workloads to the cloud.

Supporting data
The Atos-AWS partnership offers tailored solutions that meet industry-specific regulations like HIPAA and PCI DSS.

Example
Encryption and privacy solutions ensure that even in the event of a breach, sensitive data remains protected.

Internal threats and compliance

While external threats often capture headlines, insider threats—whether malicious or accidental—remain a serious concern. Employees with access to cloud data could unintentionally leak sensitive information or exploit vulnerabilities. **AWS Identity and Access Management (IAM)** plays a crucial role here, allowing businesses to manage user permissions and prevent insider breaches. Moreover, compliance with regulations is crucial, as failure to do so can result in hefty fines and reputational damage.

Key point
Managing insider threats is critical to protecting cloud data.

Supporting data
AWS IAM enables businesses to enforce fine-grained control over user access, while **Multi-Factor Authentication (MFA)** adds an extra layer of security.

Example
IAM ensures compliance with industry-specific frameworks, allowing enterprises to confidently meet regulatory standards.

Business continuity and AI-driven security intelligence

A robust security plan isn't complete without a strategy for **business continuity**. Atos and AWS provide powerful disaster recovery solutions, including **cross-region replication and backup** services. AI-driven security tools like **GuardDuty** and **Amazon Security Lake** add layers of threat detection, using machine learning to analyze data, identify risks, and provide actionable insights. This proactive approach helps businesses detect vulnerabilities before they escalate into full-scale breaches.

Key point
Disaster recovery and AI-driven intelligence are essential for long-term cloud security.

Supporting data
AWS services like **GuardDuty** and **Amazon Inspector** offer continuous threat monitoring and incident response.

Example
AI-driven tools automatically detect anomalies in real time, allowing businesses to take immediate action to protect their data.

Secure your future, protect your data with CloudCatalyst

Don't let security risks hold you back from the cloud. With Atos and AWS, your cloud environment can be both a growth engine and a fortress of security. Contact us today to explore how CloudCatalyst can transform your business while keeping your data safe.

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