



# Migrate with Confidence to a Secure Cloud



# Lutech for the Cloud

## Multi-Cloud and Hybrid Cloud for a flexible, business-oriented environment

**Lutech provides custom solutions** designed to customer requirements, creates Multi-Cloud and Hybrid Cloud environments, and builds simple, secure and fast transition strategies and roadmaps.

Key in the creation of Hybrid Cloud solutions is Lutech's great experience in the design and implementation of on-premises solutions, a guarantee for clients in the choice of the most correct cloud solution.

### **Multi-Cloud Strategy. One strategy, many advantages.**

Migration to the cloud offers good value for money when it represents an efficient and available solution and if the entire process is managed internally, ensuring flexibility, compliance and security.

**Lutech stands beside its clients** with complete **end-to-end consultancy services**, an effective **multi-cloud strategy** created alongside our vendor partners, and a selection of the **best cloud service providers** on the market.

A team of professionals specialized in new cloud technologies and ready to support our clients in the following phases:

Cloud Workshop

Cloud Impact Analysis

Workload assessment

Cloud cost comparison

Cloud solution modeling (Design, Planning)

Cloud execution (Infrastructure Migration, Data Migration, Platform Migration)

Cloud Infrastructure Integration with Next-Gen Data Centers, Cybersecurity, Networking

# Cloud & Multi-Cloud Security

The accelerated adoption of cloud and multi-cloud solutions and environments has made clear the need to complement traditional on-premises security solutions with specific solutions designed for such contexts. Lutech offers its customers solutions to secure SaaS, PaaS and IaaS environments, such as Cloud Access Security Broker for the main vendors on the market.

## 6 benefits of cloud security

One of the **challenges of moving to the cloud is managing multiple stakeholders** in an organization with varying levels of enthusiasm for a cloud adoption journey.

Understanding the unique benefits of a secure cloud is the first step toward addressing the concerns of security and compliance professionals within your organization.

A provider who demonstrates these **six benefits** can help you **transform the way you operate**, freeing up resources to focus on your core business—all while making your organization more secure.

1. Inherit strong security and compliance controls
2. Scale with enhanced visibility and control
3. Protect your privacy and data
4. Find trusted security partners and solutions
5. Use automation to improve security and save time
6. Continually improve with innovative security features



## 1. Inherit strong security and compliance controls

When you're choosing a cloud provider, remember that you'll inherit many of their security controls, strengthening your own compliance and certification programs.

If they're the right ones, they can dramatically lower the costs of your security assurance efforts.

To ensure you select the right provider, look for third-party validation: internationally recognized security best practices and certifications, as well as industry-specific certifications.

Examples of these controls include internationally recognized security best practices and certifications such as ISO 27001, ISO 27017 for cloud security, ISO 27018 for cloud privacy, and SOC 1, SOC 2, and SOC 3.

## 2. Scale with enhanced visibility and control

The data you store in the cloud isn't out of sight, out of mind.

You need to know where it is and who is accessing it at all times. This information should be available in near real time wherever you are, regardless of where in the world your data is stored.

Ensure you have the control you need by looking for key features like fine-grain identity and access controls combined with activity-monitoring services that detect configuration changes and security risks across your ecosystem.

Not only will these controls allow you to reduce risk, but you will also be able to scale your organization more efficiently. Ideally, these cloud-based controls and services will even integrate with your existing solutions to simplify your operations and compliance reporting.

## 3. Protect your privacy and data

When you move your data to the cloud, look for a provider who is vigilant about your privacy and offers tools that allow you to easily encrypt your data in transit and at rest to help ensure that only authorized users can access your data.

In addition, when you work with a global cloud infrastructure, you should make sure you can retain complete control over the regions in which your data is physically located. This will be key to your regulators, helping ensure you meet regional and local data privacy laws and regulations as well as data residency requirements.

“Our data is hosted in Europe, which is crucial for us from a security perspective. With AWS, we have complete control over where and how data is stored, and who has access to it. This control, along with the extensive encryption, means we feel safe. We know the Trust’s data is protected.”

Martin Brambley, Director of MSP Sirocco Systems, working with The National Trust UK



## 4. Find trusted security partners and solutions

One of the biggest advantages of working with a leading cloud provider is gaining access to their partners and the cloud security solutions and consulting services that they offer. There are thousands of security technology and consulting services out there, but knowing which ones are right for your particular use case, where to access them, and how to manage those engagements can be hard.

### How can the right cloud security partners help you?

1. The right partner will have deep expertise and proven success with your stage in the cloud adoption journey, enabling you to find the right help at the right time. You can also find partners skilled in either hybrid or all-in migrations.
2. Use the solutions you already know and trust. Many cloud security partners offer the same tools and services you currently use on-premises, providing a seamless transition to the cloud for your team and your data.
3. For highly regulated environments, you can find partners that meet stringent security requirements and have expertise in building, deploying, and managing the types of workloads you wish to migrate to the cloud.
4. The right cloud provider will even help you ease billing headaches with “pay as you go” partner pricing and unified billing so you can manage one invoice for all of your cloud spend.

## **5. Use automation to improve security and save time**

Automating security tasks enables you to be more secure by reducing human configuration errors and giving your team more time to focus on other work that is critical to your business.

You should look for a wide variety of deeply integrated solutions that can be combined to automate tasks in novel ways. This makes it easier for your security team to work closely with developer and operations teams to create and deploy code faster and more securely.

## **6. Continually improve with innovative security features**

With the right services and tools in the cloud, you can secure your data with greater speed and agility, and your security team can rightly be called an enabler of innovation across the organization.

To achieve this kind of transformation, scale matters. An experienced cloud provider working with millions of customers across the globe should have a team of experienced engineers with deep insights into global trends, giving them remarkable visibility into emerging security challenges. This knowledge, along with customer feedback, should be incorporated back into both their infrastructure and their services.

This continual feedback and improvement should enhance core security services like strong identity and access management, detection and monitoring, encryption and key management, network segmentation, and DDoS protection—and everyone benefits.



With technology  
and market driven end-to-end services  
we enable Clients to work easier,  
reaching their goals  
and evolving their business.

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