



Whitepaper

Harness the potential of cloud migration with the Xobii-method

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1. Introduction

Cloud computing has extensively changed the way how businesses operate. This technology equips them with unprecedented scalability, flexibility and cost efficiency. This whitepaper highlights the key benefits of cloud migration and the unique value Xobii adds in that area. We also discuss potential difficulties regarding cloud migration, while offering practical advice to avoid those. Over 15 years of experience in re-platforming optimizing applications, we understand the complexities of cloud migration. And with that, how your business can take full advantage of this technology.

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Cloud Benefits

2. Cloud Benefits

Let's start with the benefits of cloud migration. Moving to the cloud offers businesses many benefits that can improve the way they work. Cloud computing opens the door to a new world of possibilities. From greater flexibility and scalability to significant cost reduction and increased security.

Now it is time to dive deeper into these benefits:



2.1 Scalability

Cloud computing offers unprecedented scalability. Traditional on-premises infrastructures often face challenges accommodating changing workloads, leading to inefficiencies and higher costs. With cloud computing, companies can increase or decrease their resources - such as servers, storage space and network capacity - as they wish, resulting in improved performance and cost reduction.

2.2 Cost reduction

The pay-as-you-go pricing model of cloud computing eliminates the need for upfront investments in hardware and infrastructure. By using cloud services, companies can significantly reduce their costs while paying only for the consumed resources.



2.3 Flexibility



Cloud computing offers unchallenged flexibility, allowing companies to quickly deploy new applications, scale resources, and adapt to changing market conditions. This enables organizations to innovate faster, experiment with new ideas, and respond quickly to emerging opportunities.

2.4 Improved collaboration

Cloud-based collaboration tools enable smooth collaboration regardless of your location. By storing data and applications in the cloud, employees can collaborate in real-time, improving productivity and decision-making.



2.5 Improved security and reliability

Contrary to popular belief, cloud computing does offer robust security measures and reliability. Cloud providers invest heavily in advanced security technologies, ensuring data protection, encryption, and compliance with industry regulations. In addition, cloud infrastructure is highly resilient, with built-in redundancy and disaster recovery capabilities.

Possible Pitfalls during cloud migrations

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3. Possible Pitfalls during cloud migrations

While the benefits of cloud computing are significant, there are difficulties that companies must consider when planning and executing a cloud migration. It is important to recognize and address these challenges to ensure a successful transition to the cloud.

Here we describe some of the most common challenges in cloud migration:



3.1 Insufficient analysis

An extensive analysis beforehand is crucial. It is essential to properly identify all links with other applications to avoid unexpected problems during migration.



3.2 Insufficient testing

Sufficient testing is essential to ensure that all systems function correctly after migration. A good migration plan should include detailed testing procedures.



3.3 An inadequate migration plan

A successful migration plan should clearly outline the steps, timeline and resources required to transition to the cloud. This includes approaches to data migration, checking applications on their proper functioning, and training users.



3.4 Incomplete optimization

Cloud optimization is an ongoing process. It requires regular monitoring, analysis and adjustment of resources to improve performance, reduce costs, and adapt to changing business needs.

Cloud variations and migration strategies

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4. Cloud variations and migration strategies

It is essential to choose the right approach when migrating business applications to a cloud environment. Different cloud variants and migration strategies offer various options to achieve your goals, and to fully utilize the benefits of the cloud.

Time to look at the different options and how they can be applied to make your cloud migration a success.

Cloud variants

Public Cloud

A cloud environment shared by multiple organizations. Ideal for cost savings and scalability.

Private Cloud

An exclusive cloud environment for one organization. Offers increased security and customization.

Hybrid Cloud

A combination of public and private cloud environments, allowing flexibility and resource optimization.

Multi-Cloud

Use of multiple cloud services from different providers to meet specific needs.



Migration Strategies

Which migration strategy works for you? Pick an approach that best suits your business:



Rehosting

Migrate applications as-is to the cloud without major changes.



Re-platform

Migrate applications to the cloud with minor modifications without complete redesign.



Refactoring

Modify application code for improved scalability, flexibility and cost optimization.



Repurchase

Replace an existing application with software-as-a-service (SaaS).



Retain

Keep some of your applications on-premises or in existing environments.



Retire

Retire applications that are no longer needed.

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**The added value
of Xobii**

5. The added value of Xobii

At Xobii, we deliver a customized, future-proof approach to cloud migration. Our goal is to create a well-designed, resilient platform that fits the exact needs of your business. We advise and guide you through every step of the migration process.

5.1 Our Triple-A methodology

At Xobii, we use the Triple-A methodology: a thorough analysis of applications, interfaces and connections essential for a successful migration. This ensures a seamless transition to the cloud, considering all aspects of business operations.

Our Triple-A methodology is simple and effective:

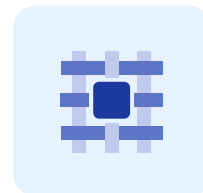
Analyse (Assess):

We evaluate your infrastructure, applications and dependencies and determine the scope of the migration.



Architect (Design):

We develop a cloud architecture designed for scalability, security and high availability.



Adapt (Adapt):

We transfer data, applications and configurations with a customized approach and continuous optimization.



“Xobii offers a tailored, future-proof approach to cloud migration.”

5.2 Expertise in business application architectures

Our approach is distinguished by our extensive knowledge of business application architectures. Instead of just migrating servers, we focus on the application architecture and how it can be optimally transformed to running in the cloud. This results in more efficient, higher performing cloud solutions.

5.3 Cloud agnostic approach

Xobii is certified for multiple cloud platforms and always chooses the best solution for the customer. Our cloud-agnostic approach allows us to objectively advise and implement the most appropriate cloud solutions, regardless of platform.

5.4 Application modernization

We modernize your legacy applications through the use of cloud services to simplify management making them more cost-effective. This includes updating operating systems, databases and integrating new cloud functionality, allowing customers to benefit from the latest technologies and improved performance.

5.5 Disaster Recovery as a Service (DRaaS)

Xobii offers “Disaster Recovery as a Service” (DRaaS), where we provide comprehensive backup and recovery capabilities. This gives companies the assurance that their data is safe and can be quickly made available in the event of an incident. In addition to standard backup and restore capabilities, Xobii is also ready with its DRaaS solution to get your business back up and running quickly in the event of a disaster.

Considering cloud migration

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6. Considering cloud migration

When to consider cloud migration? Is your organization in need of more flexibility, scalability and cost efficiency? Or do you want to innovate, improve collaboration in your business and with customers, or modernize your IT infrastructure? Cloud migration could be an attractive option. A strong indicator can be the need for better security and compliance.

Cloud computing offers unprecedented opportunities for businesses to innovate, scale and compete in today's digital economy. By leveraging the cloud effectively, organizations can cut costs, improve flexibility, enhance collaboration and strengthen security.

Xobii offers the expertise and a unique approach needed to maximize these benefits. With our Triple-A methodology, deep knowledge of business application architectures and cloud agnostic approach, we ensure successful and efficient cloud migrations.

“Pick a cloud migration strategy that best suits your business.”



Contact Us

Find out how Xobii can help your business with cloud migration and leveraging cloud technology. We look forward to supporting you in your journey to the cloud.

xobii In IT Together

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Visit our website for more information or to make a no-obligation appointment.
www.xobii.com

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The Xobii logo consists of the word "xobii" in a lowercase, sans-serif font. The letter "x" is white with a small red triangle at its top-left corner. The remaining letters "obii" are white.

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