Migrate to Azure with Confidence

When migrating your applications to the Cloud, preparation is half the battle.

Nitor
Brilliance @ work

Cloud Migration Assessment

Getting ahead when the business and technology landscape is so dynamic requires organizations to be agile and adaptive. As more and more businesses contemplate their own Cloud migrations, success depends upon their ability to adopt hypothesis-driven development, and to embrace real cultural change. Leaders recognize that effective modernization is about much more than technical renewal.

Many customers migrate to the Cloud for a variety of reasons, such as cost reduction or data center consolidation. When those objectives have been achieved, business strategy creates new priorities. Then customers seek to improve business agility, increase engineering productivity, and search for a platform for digital innovation.

We have helped multiple customers migrate to the Cloud and many of them already run– or are in the process of moving–their entire infrastructure to Azure.

Migration Planning

We gather the right intelligence on your existing systems and create a clear, comprehensive plan during a custom Migration Planning engagement. Depending on the size and complexity of your Cloud project, Nitor can help you collect and process data, assess workloads, prioritize applications for migration, and prepare your team for the Cloud.

We follow the following 3-step approach optimal process effectiveness:

● STEP 1: **Assess**

Our Cloud Architects will analyze your existing architecture, understand your business needs, and prioritize applications for migration.
- Understand your team's goals and technical limitations
- Identify security and compliance goals
- Choose the right Cloud platform
- Develop a migration strategy
- Identify pilot applications for POCs
- Prioritize applications, dependencies, and risks
- Align stakeholders on roadmap and resources required

● STEP 2: **Design and Build**

We'll design and build a custom Azure environment that meets your security, compliance, agility, and cost-efficiency requirements. As part of this, we will:
- Design secure, compliant Azure reference architecture
- Develop and build a Minimum Viable Cloud
- Implement security and compliance controls
- Install 3rd party tools
- Integrate your CI/CD pipeline with our infrastructure automation
- Use templates to prepare your Cloud to scale

● STEP 3: **Migrate**

Get the keys to a production-ready Cloud environment and go live on Azure.
- Test and refine your application on Azure
- Conduct knowledge transfer and training
- Choose the right Azure-native tool (Azure Migrate/Azure Database Migration Service/Azure App Service Migration Assistant) or a 3rd party tool based on the migration requirement
- Build a Migration Factory, as part of large migration projects, to migrate applications to Azure in waves,
- Deliver an executive presentation and finalize hand-off

If you want to learn how you can enable builders in your organization to create a new future, contact us at marketing@nitorinfotech.com. We look forward to sharing our Cloud Migration approach.

Solution Benefits

- In-depth assessment of the Current State
- Structured consulting approach for a Cloud strategy that delivers maximum value-add for the business
- Specific challenges highlighted, which will help to design the right solution
- Thorough analysis of your application management structure with respect to the use of dynamic services
- Immediate provision of a basis for decision-making and clear recommendations for greater competitive advantage
- End-to-end migration, integration, and optimization services
- One-stop solution for your enterprise IT Cloud transformation

Success Stories

Nitor Infotech Build Flight Disruption Management Solution for a Leading Accommodations Service Provider of the Aviation Industry

The customer was the leading accommodations service provider of the aviation industry. Most airlines currently use manual process to manage disruption re-bookings according to pre-defined airline rules. This is time-consuming, and manual operations have an impact on the airline's revenue and passenger experience. To deal with this, Nitor built a software solution which could significantly improve re-booking time, reduce operating costs, and minimize passenger dissatisfaction.

Nitor conducted a one-week assessment and recommended a solution based on the intelligence gained. We had different rounds of discussions with stakeholders at various levels to understand the challenges. Nitor's team analyzed the existing system and its various functions before suggesting a robust plan of Cloud migration. This plan addressed business needs and technology needs, including the use of an advanced technology stack and modern architecture.

In the process, Nitor's experts:

- Leveraged Azure services to reduce manual efforts and to provide better maintainability and scalability
- Used MySQL (Cloud Services) – to move away from an on-premises database to a serverless Cloud database. This ensured cost effectiveness
- One-click deployments were configured using CI/CD
- Introduced a SaaS model, using Microsoft Power BI as a reporting solution

The key benefits realized from this project include:

- Enhanced Passenger Satisfaction with proactive communication to passengers and a faster turnaround time
- Reduced costs and increased savings
- Future-ready architecture