Azure Cloud Migration

The DataArt team offers a plan for an end-to-end migration to Microsoft Azure.

Steps:

1. Identify project goals, main stakeholders, time, and budget constraints.

2. Work with team leads on the client side to gather an accurate picture of a current state.

3. Gather data security, retention, compliance, and geo-location restrictions requirements.

4. Iteratively come up with the final state for the migration/modernization project.

5. Identify skills and knowledge gaps in the client team and plan for trainings/staffing.

6. Develop a transition plan aligned with uninterrupted business processes, current state, and desired architecture.

7. Perform security and compliance assessment of the plan and apply updates accordingly.

8. Organize a team to run and deliver the project transition.

The cloud migration will be executed by the DataArt team in accordance with the

Cloud Adoption Framework

best practices provided by Microsoft, which entails:

- Well-structured, predictable workflow aligning business, people, processes, and technologies.

- Strong technological pillars, including security, reliability, cost optimization, performance efficiency, and operational excellence for the desired state in the cloud.

Deliverables

Depending on the identified project goals and migration options, deliverables would vary:

Lift and Shift (IaaS)

- IT infrastructure layout documentation with key stakeholders

- Cloud resources evaluation and cost estimate report

- Cloud infrastructure design

- Security assessment report

- Migrated infrastructure

App Modernization (PaaS)/SaaS

- IT infrastructure layout documentation with key stakeholders

- Each application assessment report

- Project POC completed

- Cost estimate document

- Overall migration plan and timeline

- Migrated and modernized infrastructure

Cloud Adoption

- IT infrastructure layout documentation with key stakeholders

- Each application assessment report

- Cloud adoption plan

- The strategy and plan template to span cloud adoption

- Project POC completed

- Overall migration plan, estimate, and timeline document

- Migrated and modernized infrastructure

DataArt has extensive experience with Microsoft stack and helps clients develop, integrate, and optimize Microsoft-based solutions that drive innovation and growth.

DataArt's Azure Services

- Solution design and cloud architecture
- Analytics platform design and implementation
- Application modernization
- Data management and data warehousing
- Optimization of operations and security
- Security testing
- Cost optimization

DataArt's Azure Competencies

- Kubernetes Service and Container Instances
- Azure Functions
- Databricks, Data Explorer, HDInsights
- Data Warehouse, Data Lake, Synapse
- Cosmos DB
- Key Vaults
- ML and AI with CVS, NLTK

Microsoft Solutions Partner designations

identify partners with specific capabilities and experiences in high-customer-demand solution areas. DataArt has earned the following Microsoft Solutions Partner designations.

✓ Solutions Partner for Digital & App Innovation (Azure)
✓ Solutions Partner for Data & AI (Azure)
✓ Solutions Partner for Infrastructure (Azure)

Customer Reviews

CIFC Asset Management

❝ DataArt brought to bear expertise, knowledge, and qualified resources to help us realize the goals of this and other projects. They also have been our venue into Microsoft.

Adrian Iosifescu
Chief Technology Officer at CIFC

PSI

❝ We enjoyed working with the DataArt team and hope to have other collaborative projects. They showed keen interest in our needs and were patient and helpful.

Olga Alfonsova
Global Head of Business Development at PSI

GroundScope
Ground transportation solutions

❝ The conducted Well-Architected Review (WAR) used a relatively small amount of our resources. Before WAR, we found ourselves improving the performance just by purchasing extra processing power from Azure. The WAR has enabled us to tackle any issue in a much more planned, structured, and cost-effective way.

Russell Jackson
Chief Financial Officer at GroundScope

Successful Migration Stories

Migration to Azure cloud for GroundScope

GroundScope is a leading UK-based service that provides business cars to clients around the world.

DataArt experts saw an opportunity to modernize the client's legacy infrastructure by migrating to Azure cloud services. Azure was chosen as the best option considering DataArt's Gold Microsoft and Azure Consulting Partner status with over 20 years of history with Microsoft, as well as due to its high level of compliance out-of-the-box and native support for .NET services.

As a result, DataArt delivered a reliable and secure system for the client, resulting in an 80% reduction in operational costs, faster client onboarding, and improved service stability. Additionally, DataArt conducted an Azure Well-Architected Review for GroundScope to enhance system stability.

[Learn More](#)

Migration to Azure cloud for CIFC Asset Management

CIFC is a global alternative asset manager focused on credit solutions across CLOs, corporate credit, structured credit, and opportunistic credit, as well as direct lending.

With a strategic goal to build cloud-native architectures, CIFC partnered with the enterprise software experts at DataArt. The team moved CIFC's critical Analytics Core solution to agile microservices hosted in Azure Kubernetes Service (AKS). The team also deployed an automated, end-to-end Azure DevOps pipeline to streamline future development.

The result is a modern, cost-effective technology stack that delivers complex analyses—which used to take hours—in near real-time. It also helps the firm speed up scenario analyses that work over a large amount of data.

[Learn More](#)