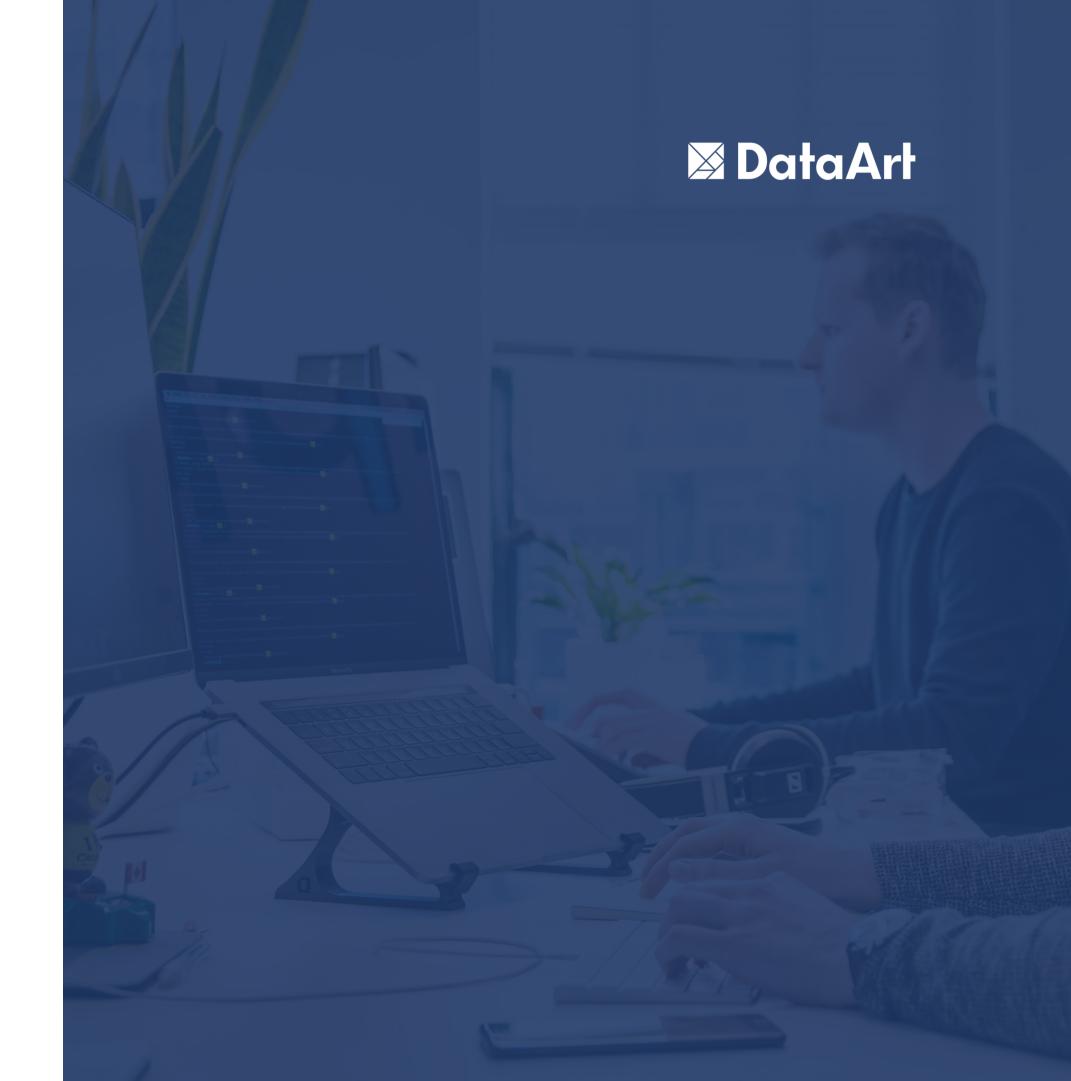**DataArt**

Digital Transformation: Cloud migration and cost optimization assessment

New York USA
London UK
Munich Germany
Zug Switzerland

Solution area: DevOps

Description

The DataArt offers a plan on an end-to-end migration to Microsoft Azure which results in cost optimization.

Execution

Types of migration

1. Lift and shift (IaaS)

2. App modernization (PaaS / SssS)

3. Cloud Adoption

Deliverables

- IT infrastructure layout documentation with key stakeholders

- Each application assessment report

- Cost estimate document

- Overall migration plan and timeline

- Migrated or migrated and modernized infrastructure

Customer Case: Smart Lift-n-Shift from AWS to Azure

DataArt

The client is a US based company that makes web-based clothes stores plugin. The plugin is used for further communication with end users and is platform agnostic. DataArt has been developing an application for the client for three years and has established great relationships and trust.

The client has been using AWS services, when Microsoft initiated an engagement and provided good discount to use Azure services. DataArt team performed lift-n-shift migration for the client from scratch, moving and adopting all his applications and services to Azure. During Migration, majority of systems were modernized and best practices were implemented.

Technologies and approaches

› AKS K8s orchestration is used in Azure instead of simple Docker containers in AWS

› Azure DevOps (10 pipelines) is used as CI/CD process instead of Jenkins in AWS

› Azure Functions are used instead of AWS Lambda functions

› Other Azure-native services used are Azure Service Bus, Blobs and more

Summary
Smart Lift-n-Shift was performed by DataArt from scratch without any POC or MVP etc.
It took a month to perform end-to-end flow from planning till finish of the move.

Business value
The client received a huge costs optimization using Microsoft proposition.
In addition, a modernization of client systems was performed, making value stream
even better using latest Microsoft Azure Services.

Software Design, Development, and Support

DataArt

20+ Global Locations:

USA	EU
United Kingdom	Eastern Europe
Switzerland	Latin America

3000+
consultants & engineers

95%
return clients

3500+
successfully completed projects

10%
staff turnover rate

23 years
in operation

Reliable
profitable, financially strong, fully audited

New York
Virginia Beach
Pittsfield
Dallas

Buenos Aires

London
Wroclaw
Lublin
Munich
Zug
Sofia

Dnipro
Kyiv
Lviv
Odesa
Kharkiv
Kherson
Yerevan

Saint Petersburg
Voronezh

DataArt