Cloud Migration Services

Intellias Cloud Migration service is aimed at helping your organization migrate your existing solutions to Azure cloud or switch between clouds to boost workload scalability, optimize performance, and adopt new technologies faster, while paying only for the capacity you need.

NEEDS WE SOLVE

- Accelerating time to market for new products, features or adjustments.
- Enabling business scalability.
- Reducing infrastructure costs and financial limitations.
- Ensuring redundancy and fault tolerance.
- Streamlining cooperation between IT operations, development, and quality assurance teams.
- Improving infrastructure security.
- Keeping operational processes in line with market best practices to foster team motivation and promote innovation.

HOW WE DO IT?

- Defining key projects goals and milestones.
- Conducting assessment of current infrastructure state and documenting the findings.
- Developing migration roadmap
- Redesigning a system based on the Well-Architected Framework.
- Implementing the migration process according to the roadmap and selected approach.
- Creating documentation for the newly built infrastructure.

OUTCOMES & DELIVERABLES

- Infrastructure assessment report.
- Migration vision and roadmap.
- Scalable and secure cloud architecture that aligns with business requirements.
- High-quality implementation of the technical solutions outlined in the migration roadmap.

Reengineering On-Premise DWH / DMP Platforms Into A Unified Cloud Solution

Intellias is helping the client transition from the legacy on-premise data warehousing (Oracle DB) and data management (Hadoop data lake) platforms to a modern, unified cloud-based solution.

- The client was looking for ways of improving their information management strategy to optimize operational costs, meet the latest industry regulations, and improve the overall performance of their extensive data ecosystem.

- After assessing the hardware configuration and connectivity requirements of the legacy on-premise DWH / DMP systems, we were able to design an appropriate cloud platform to replace them.

- Our solution is based on a range of Azure tools and classical SQL technology.

- The new platform allowed the client to:

  - Lower the system's Total Cost of Ownership by 20% by unifying the data platforms.

  - Establish an agile data structure by optimizing procurement and deployment cycles through PaaS.

  - Achieve cloud elasticity with automatic up and down resource scaling.

  - Build future-proof architecture for a more versatile and modern approach to using data.

  - Ensure reliable maintenance services with the end-to-end SLA for the out-of-the-box PaaS.

  - Achieve across-boundary security through the "in-transit" data anonymization between the on-premises environment and cloud infrastructure.

OUR CLIENT

Our client is a leading Ukrainian telecom operator that provides mobile, fixed line, and broadband connectivity services to the majority of the country's population.

TECHNOLOGIES

Event Hubs / Azure Data Factory / Data Lake Storage Gen2 / Azure HDInsight / Azure Synapse Analytics / Azure Analysis Services / Azure Databricks / Azure DevOps

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