

Migration to Synapse 4-week in-depth assessment & planning



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SOFTSERVE BY THE NUMBERS

10,000+

Associates

38

Offices

around the globe

12

Countries

With SoftServe Clients

77

NPS score

(Q3 2020)

10,000+

Projects

For Customers

6,500+

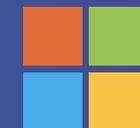
Software Engineers

1,200+

Cloud experts

92%

Client Return %



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GLOBAL NETWORK



DEVELOPMENT CENTERS

- Ukraine
- Poland
- Bulgaria
- USA



FEATURED CUSTOMERS



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SOFTSERVE MICROSOFT PARTNERSHIP

MICROSOFT GOLD PARTNER

- Partner since 2004

MICROSOFT PRACTICE

- 500+ Satisfied Customers
- 1,000+ Delivered Projects
- 1,000+ Microsoft certifications
- 120+ Azure Certified Professionals
- 3 Microsoft MVPs

PROGRAM PARTICIPATION

- PIE / ECIF / Planning Services

GOLD COMPETENCIES

- Application Development
- Application Integration
- Collaboration and Content
- Cloud Platform
- Cloud Productivity
- Data Analytics
- Datacenter
- DevOps

SILVER COMPETENCIES

- Messaging
- Windows and Devices



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SOFTSERVE CTO ORG CENTERS OF EXCELLENCE



RESEARCH & DEVELOPMENT

- R&D Innovation
- Feasibility Study
- R&D as a Service
- Deep Tech Research
- Advanced AI



EXPERIENCE DESIGN

- Design Thinking
- Design Research
- Design Strategy
- Product Design
- Service Design
- Design Ops



SOLUTIONS

- Digital Strategy
- Business Analysis
- Product Management
- Architecture
- Performance Testing



INTELLIGENT ENTERPRISE

- Big Data
- Data Science, AI/ML, MLOps
- IoT
- Robotics
- Extended Reality (AR / VR / MR)
- GDPR
- Blockchain
- Technical Due Diligence



PLATFORMS

- Salesforce
- Sitecore
- MS Dynamics
- AEM
- EPiServer
- MuleSoft
- Magento
- Dell Boomi
- Shopify
- Drupal



CRITICAL SERVICES

- Cloud/DevOps
- Security & Governance
- Operations Support
- Application Support



INNOVATION

- Innovation Strategy
- Innovation Platform



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BIG DATA AND AZURE EXPERTISE

390+

Big Data, AI, ML, BI, IoT
Experts

200+

Big Data Experts with
Microsoft Background

25+

Big Data Architects

1

Data Platform Microsoft
Valuable Professional
(MVP)

200+

Data Scientists, Big Data
Architects, Data Engineers
and Data Analysts

30+

Azure data projects

120+

Experts with Azure
cloud certifications



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ABOUT THE WORKSHOP

A deep dive to migration project planning. SoftServe experts will analyze existing system architecture, upstream and downstream dependencies, security and privacy requirements, as well as migration downtime limitations.

Deliverables include target cloud Architecture Vision and actionable Migration Plan, covering services mapping, migration milestones, refactoring efforts, as well as duration and cost estimates.



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AGENDA & DELIVERABLES

AGENDA

- Deliberation of business needs & requirements, current challenges and pain points
- Highlight potential value and benefits based on discovered gaps and areas of improvement
- Define the most efficient architectural approach based on requirements, budget and expectations

DELIVERABLES

- Tech solution vision: architecture design
- Migration strategy and detailed plan
- Data transfer solution vision
- Data synchronization solution vision
- Estimated budget for the next step

ASSESSMENT FOCUS AREAS

SUCCESS

Define acceptance criteria, validate stakeholders expectations

COMPLEXITY

Define edge cases, evaluate complexity of identified clusters and patterns (data, workloads, reports, etc.)

RISK

Define risk areas, evaluate potential impact, define mitigation approach

AUTOMATION

Evaluate efficiency of automation in specific areas: schema migration, scripts and reports migration

OPTIMIZATION

Solution vision, level of required changes, possibility to perform optimization and fine tuning after migration, etc.

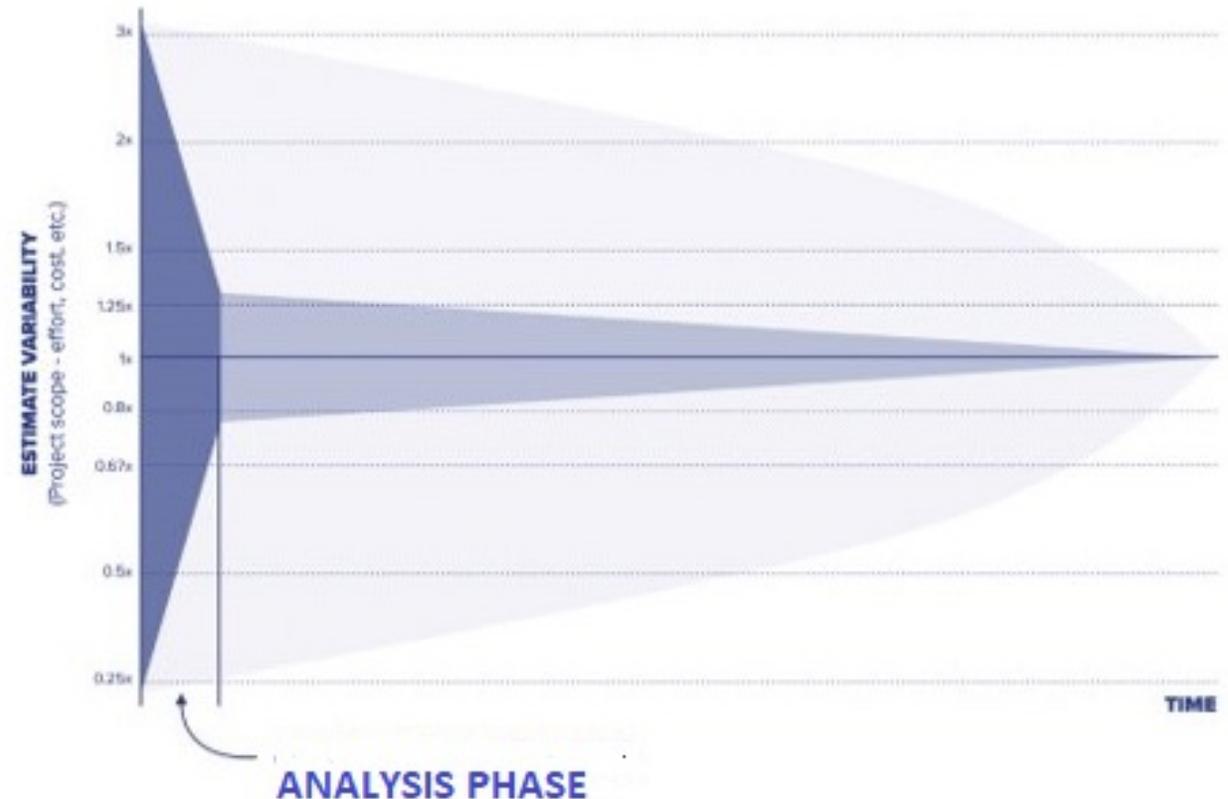
ACCELERATION

Define most effective strategy and approach based on estimated efforts for each migration scenario and taking into account scope and complexity

WHY ASSESMENT

The goal of in-depth assessment and planning session is to identify the gap between company's business challenges and technical capabilities of current data ecosystem, and then create a robust fit-for-purpose data solution.

Given the high level of uncertainty on the initial stages the assessment will reduce associated risks and ambiguity so that SoftServe could assure optimal solution, provide accurate project estimation and speed up further implementation phase.



SUCCESSFUL MIGRATION

Understand business impact, expectations, define measurable **success criteria**

Identify most viable projects, understand **priorities**

Get **early feedback**, ensure successful adoption of new technologies

Conduct **feasibility studies** and mitigate risk throughout entire journey

Enforce **Data Governance** policies and standards, track Data Quality



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MIGRATION PLANNING

<p>MIGRATION OBJECTIVES</p>	<p>DATA PLATFORM</p>		<p>WORKLOADS/USE CASES TO MOVE</p>
<p>CONSUMERS: BUSINESS UNITS & SYSTEMS</p>	<p>Data model, historical data</p>	<p>ELT/ETL jobs, orchestration</p>	<p>WORKLOAD/ USE CASE</p> <p>Consumers Risk Constraints</p>
<p>CHALLENGES & OPPORTUNITIES</p>	<p>Upstream, downstream systems</p>	<p>Security model, user permissions</p>	<p>WORKLOAD/ USE CASE</p> <p>Consumers Risk Constraints</p>
<p>SUCCESS CRITERIA</p>	<p>PRECONDITIONS FOR SUCCESS</p>		<p>KEY MILESTONES</p>

PHASED APPROACH

Assessment & Migration Planning

- Assess current solution
- Detailed architecture and tech solution design
- Discover use cases, define acceptance criteria
- Migration Plan, covering migration strategy, detailed implementation and data quality validation approach
- Data transfer solution vision
- Data synchronization solution vision

Cloud Setup & Solution Adaptation

- Cloud infrastructure set-up
- Ingestion layer adaptation and validation
- Data Model adaptation and validation
- ETL jobs, data processing and transformations adaptation and validation
- Data sync logic implementation
- Reporting, analytics, consumption layer adaptation and validation
- Detailed cut-over plan (step-by-step)

Migration Execution

- Full-scale migration and Incremental delivery of fully-functional cloud solution
- Knowledge transfer and sign off

Post-migration

- Enhancement and optimization
- Maintenance and support



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