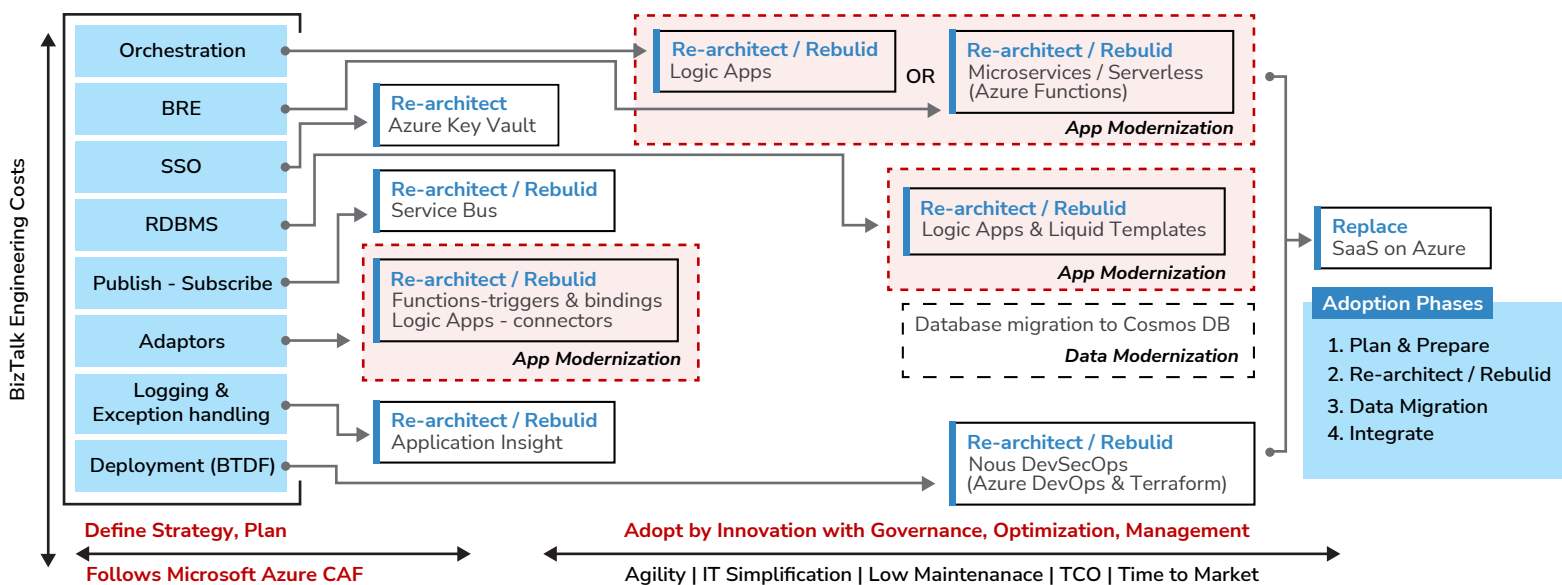# BizTalk Modernization on Azure: 2-Week Assessment

Microsoft ended support for BizTalk 2016 in January 2022, and their extended support for Biztalk 2013 will end in July 2023, making it crucial for enterprises to upgrade or migrate their existing BizTalk landscape. Upgrading to BizTalk 2020 is a viable choice. But with more and more organizations adopting a 'cloud first' approach, embracing highly available, scalable, and elastic cloud-native technology is the best option.

Nous' two-week assessment will ensure accelerated Azure cloud adoption by providing expert analysis of the existing technical landscape and BizTalk artifacts, along with a detailed migration roadmap.

BizTalk Engineering Costs

- Orchestration
- BRE
- SSO
- RDBMS
- Publish - Subscribe
- Adaptors
- Logging & Exception handling
- Deployment (BTDF)

Re-architect Azure Key Vault

Re-architect / Rebulid Service Bus

Re-architect / Rebulid Functions-triggers & bindings Logic Apps - connectors — *App Modernization*

Re-architect / Rebulid Application Insight

Re-architect / Rebulid Logic Apps — OR — **Re-architect / Rebulid** Microservices / Serverless (Azure Functions) — *App Modernization*

Re-architect / Rebulid Logic Apps & Liquid Templates — *App Modernization*

Database migration to Cosmos DB — *Data Modernization*

Re-architect / Rebulid Nous DevSecOps (Azure DevOps & Terraform)

Replace SaaS on Azure

Adoption Phases
1. Plan & Prepare
2. Re-architect / Rebulid
3. Data Migration
4. Integrate

Define Strategy, Plan | Adopt by Innovation with Governance, Optimization, Management

Follows Microsoft Azure CAF | Agility | IT Simplification | Low Maintenanace | TCO | Time to Market

Week-1

- Cloud Adoption Framework (CAF) workshop
- Analysis & assessment of existing technology landscape and BizTalk artifacts: Orchestration, BRE, SSO, RDBMS, publish-subscription, adapters, logging & exception handling, deployment
- Analyze workload for cloud adoption/migration and capture relevant processes, workflows, dependencies, stakeholders, etc.
- Define the business case for cloud adoption, priorities, processes, and ROI model

Week-2

- Formulate RACI matrix
- Define workload migration timelines
- Prepare roadmap, WBS, and project plan
- Technical architecture & perf/security baselines
- High-level Azure Native architecture
- Cost estimation using Azure Pricing Calculator

Deliverables

- CAF workshop
- BizTalk artifact inventory and documentation
- Technical architecture and Azure migration blueprint for the workload
- Roadmap with WBS and project plan
- DevOps pipeline/IaC recommendations