



# Biztalk to Azure integration assesment

**Path to modernizing your Microsoft integration solutions**

20.10.2021

**B I L O T**

<b>Microsoft Partner</b>	Gold Application Integration
	Gold Data Analytics
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	Gold Application Development
	Gold Cloud Platform

# Migration roadmap to Azure based solutions with Bilot

Feeling tempted by possibilities of Azure-based integration solutions? Confused by the amount of choices, products and workload? We provide a fixed price package delivering you a roadmap to help decision making.



## CHALLENGES

- Integration platform is getting outdated while maintenance costs are high
- Development of new integrations with BizTalk is time consuming
- Biztalk lacks features in modern cloud driven environments
- Migration to new platform is a huge effort

## IDEAL SOLUTION

Today's needs on a future proof architecture. Based on Azure tools and platform options the best suited for customer needs.

## DESIRED OUTCOMES

Roadmap towards the new architecture. Process models for how integrations are to be migrated and/or developed in Azure.



# B I L O T

## Biztalk to Azure integration assesment

We go through current state in BizTalk, catalog and find most complex integrations, alert policies and monitoring and make a roadmap for migration.



1

### PRE-STUDIES AND WORKSHOPS

First we need to understand the current state, critical business processes and pain points of current solution.

2

### TARGET STATE DRAFT

What is the preferred and realistic target architecture.

3

### MIGRATION AND DEVELOPMENT PLAN

Pragmatic steps to take customer towards the new architecture in secure manner.

# Bilot Biztalk to Azure integration assessment

Microsoft provides excellent Integration tools with consumption based pricing, ideal for incremental and smooth transition from legacy platforms. We have wide experience on transition projects to Azure as well as designing and building things never done before. We are a committed partner of Microsoft.

## PROVEN EXPERTS

Bilot has worked with Azure integration tools since the publication of Logic apps in 2016 - with BizTalk even longer

## QUICK WINS AND PAINPOINTS

We know which BizTalk codes are worth to be re-used and what parts to re-design.

## PRAGMATIC ROADMAP

It seldom makes sense to start with huge changes. Incremental approach brings value for customers early on.





## Customer success: International engineering & design company

Old Biztalk integrations are replaced with new Azure integrations built with Logic Apps and Azure functions. The process is ongoing and about 50% of integrations are still ran on BizTalk. All new integrations have been built naturally to Azure. Landscape involves such systems as SAP Concur, ServiceNow, SAP SuccessFactors, Maconomy and various HR systems. Customer has 20000+ people working in over 100 locations.

### **REDUCED IMPLEMENTATION TIME AND COSTS**

Replacing Biztalk with Azure integrations has proven to be more time and cost efficient compared to the original development. Also, in case of changes or new requirements the development & deployment is much faster.

### **IMPROVED MAINTAINABILITY AND RUNNING COSTS**

Simplified, modern architecture using genuine rest data format removes the need for data format conversions (xml/json). Several point-to-point integrations have been replaced by API and event-based architecture, removing the need for polling.

### **MONITORING OUT OF THE BOX**

Azure built-in functionalities provide more information and insights compared to the old extensively customized BizTalk monitoring solution.

# Channel partner success: Trade portal for Consumers

We completely overhauled integrations to a highly popular consumer portal. Old integrations were based on flat file dumps from business partners, but we replaced that with modern Azure based solution. Where single object update previously required several different dump files, all complexity is now hidden “under the hood” from partners, using a robust approach based on webhook events.

## REAL-TIME INTEGRATION

What previously took 10+ minutes takes now less than tenth of that. This is critical part of customer satisfaction. Also monitoring and tracking is enhanced, while all data is not processed in a single run.

## NO MORE GIGANTIC DATA DUMPS WITH HUGE OVERHEAD

Frequent data dumps for several customers caused huge loads on the ERP/Database systems in the background. Sending events reduces dramatically the overhead caused by full data loads. Error management and reprocessing is also simplified.

## ACCESS MANAGEMENT SIMPLIFIED

We used Azure key vault for automatized management of authorization keys partner organizations. Managing keys in efficient ways is critical when there are over hundred partners using the integrations.







## Customer success: International Construction Company HR integrations

SAP Success Factors with 7000+ employees integrated to payroll & financials systems, in multiple countries. Company MDM solution was integrated with pure event-based architecture. Azure API Management was used to secure interfaces, providing huge improvements compared to old BizTalk based integrations.

### **BUSINESS LOGIC ISOLATED INTO AZURE FUNCTIONS**

All business logic and complex mapping rules have been isolated to separate functions. DevOps pipelines allows agile changes compared to planning and scheduling BizTalk production deployments.

### **SCALABILITY & CONTROL**

Mass updates used to take hours with BizTalk, while Azure based integrations only take seconds, limited only by the processing power of the backend systems. We combined Azure Event Grid and Service Bus with Logic Apps to provide controllable solution not overloading backend systems and allowing fine tuning of performance for each system.

### **GDPR COMPLIANCE AND MONITORING THE EASY WAY**

Azure provides tools for safe management of personal data in the logs and ways to control access to integration details. Azure also provided us ways to find all integration runs related to a specific person much easier way than earlier.

# Ready for more Bilot Azure integration?

Ask a question via email: [kalle.anttila@bilot.fi](mailto:kalle.anttila@bilot.fi)

Learn more: [https://go.bilot.group/biztalk\\_to\\_azure](https://go.bilot.group/biztalk_to_azure)

Link to your Microsoft Commercial Marketplace offer

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