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#MSDyn365BC new Era of Integration: Intelligent Edge, CDS, SmartLists, Azure Service Bus and more!

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When you are passionate about
Microsoft Dynamics NAV/365 Business Central

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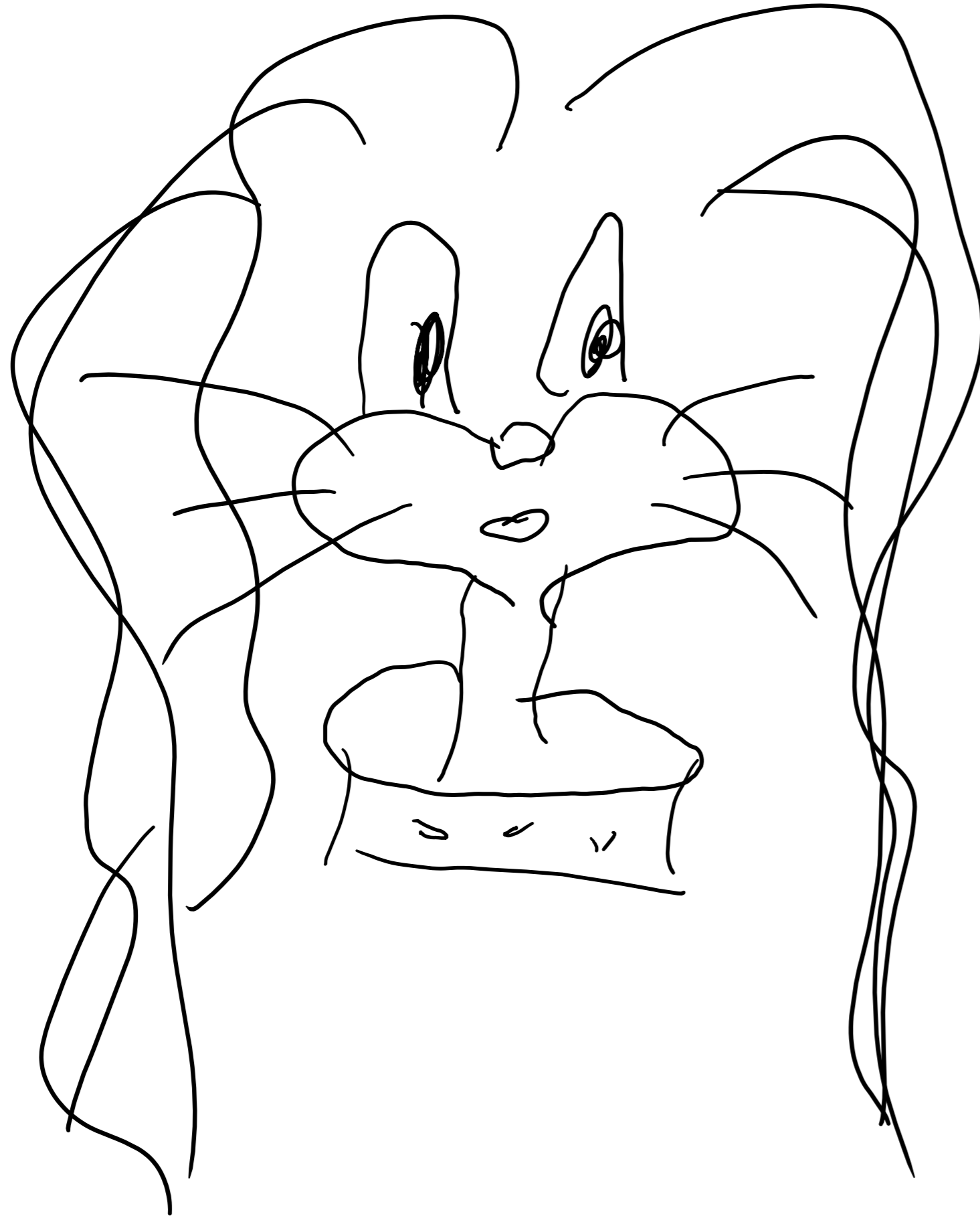
Dynamics 365 Business Central solution architect in
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Agenda

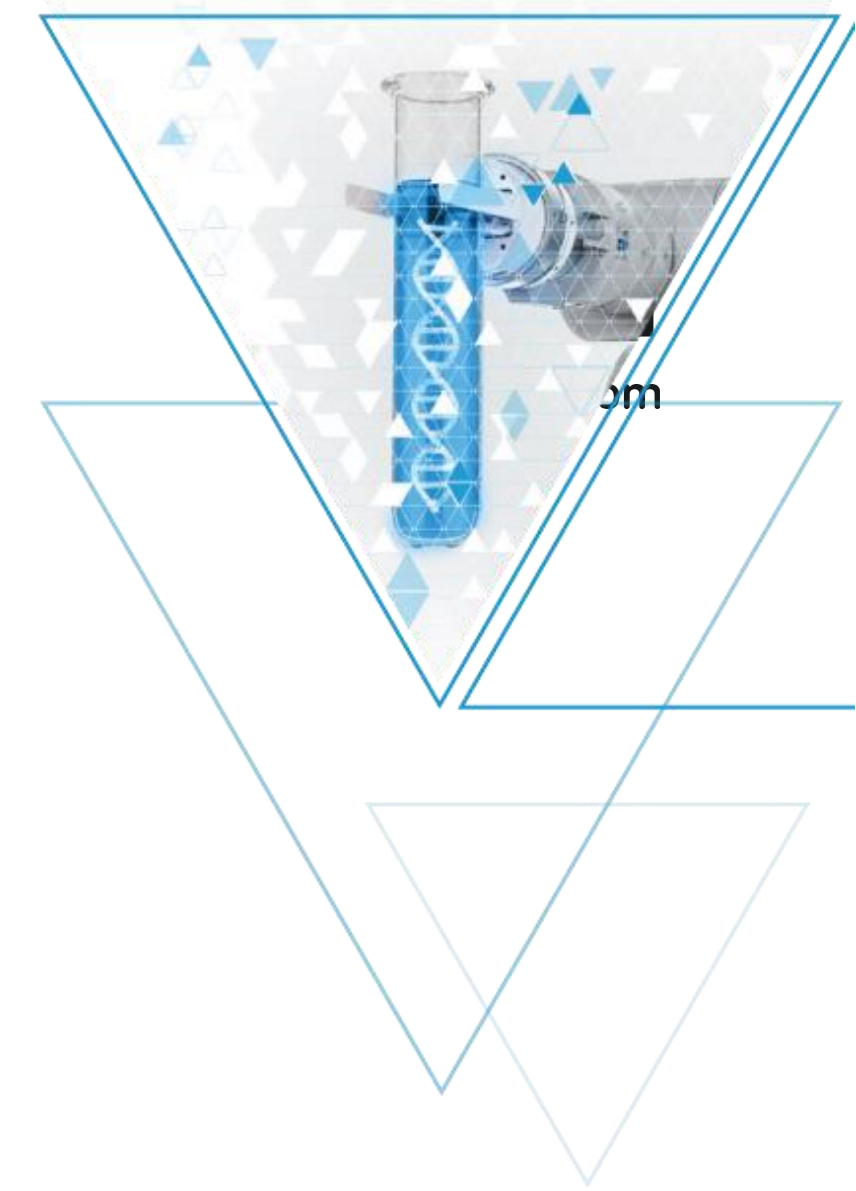
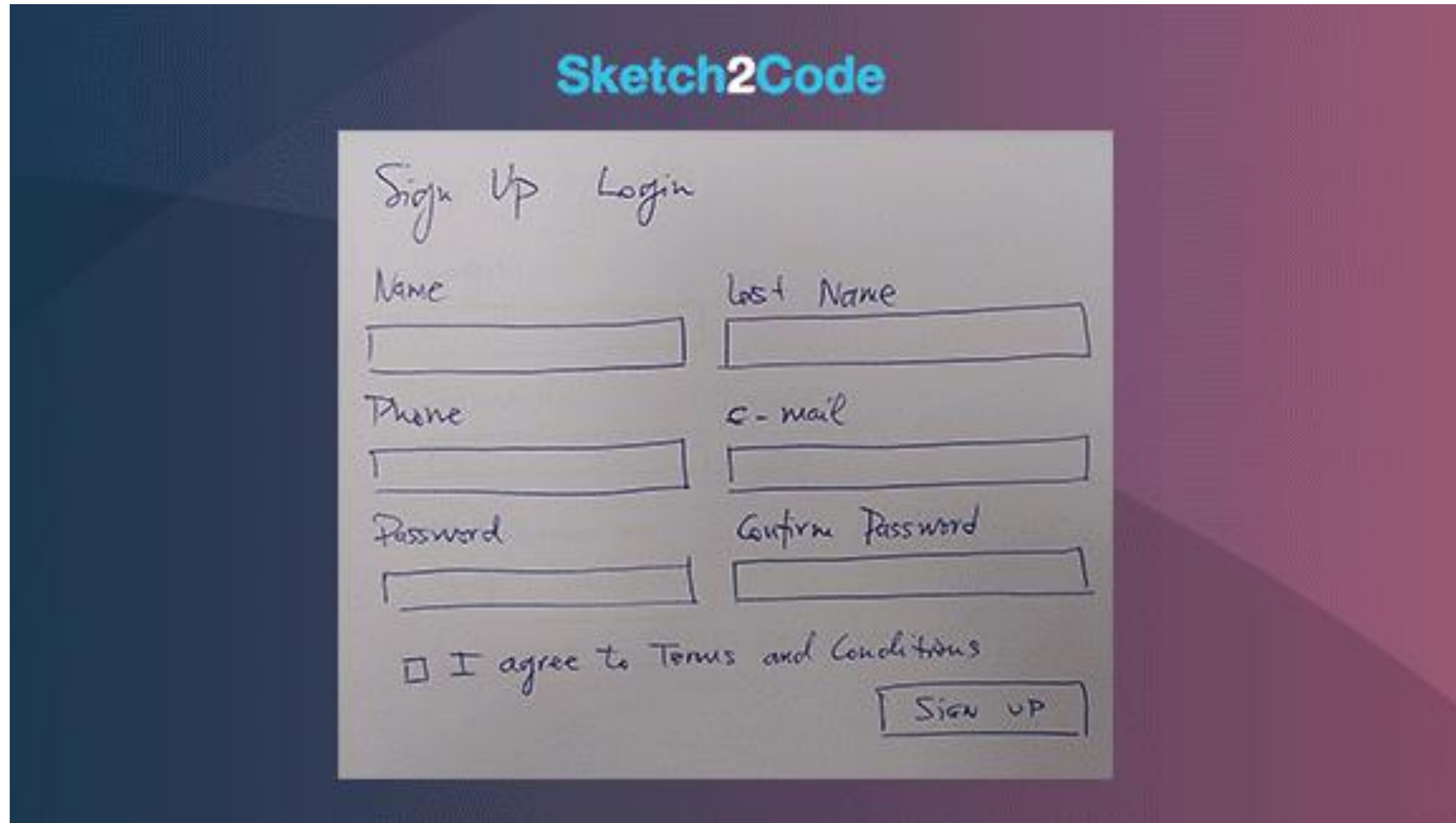


- Today's product message
- Integration vs Interaction
- Intelligent Edge
- CDS and Power Platform
- Remote Assist and Microsoft Teams
- Azure Integration Capabilities
- Azure API Management
- Microsoft Graph and Logic Apps
- OData performance improvements

Today's product message

- **Time-to-market** is extremely important
- Implementation costs are less important than having **efficient ecosystem** of solutions
- #MSDyn365BC is **the last ERP** to implement
- Not just ERP, but part of Microsoft **Azure** infrastructure
- **Avoid customizations by using Azure services**

Microsoft Sketch2Code



Transforms any sketch into HTML code using AI

Integration vs Interaction

Combining two or more data components or configuration items into a higher-level system, ensuring the logical and physical interfaces are satisfied, and that the integrated systems satisfies its intended purpose

(interoperability)

The capability to communicate, execute programs, or transfer the data among various functional units – so the user needs “little to no knowledge” of the unique characteristics of those units

Integration vs Interaction

Scheduled replication of data
from one database to another

Sync customer data between
two different databases

Creation of Sales Order in
Business Central when a
customer quote is accepted in
Customer Engagement

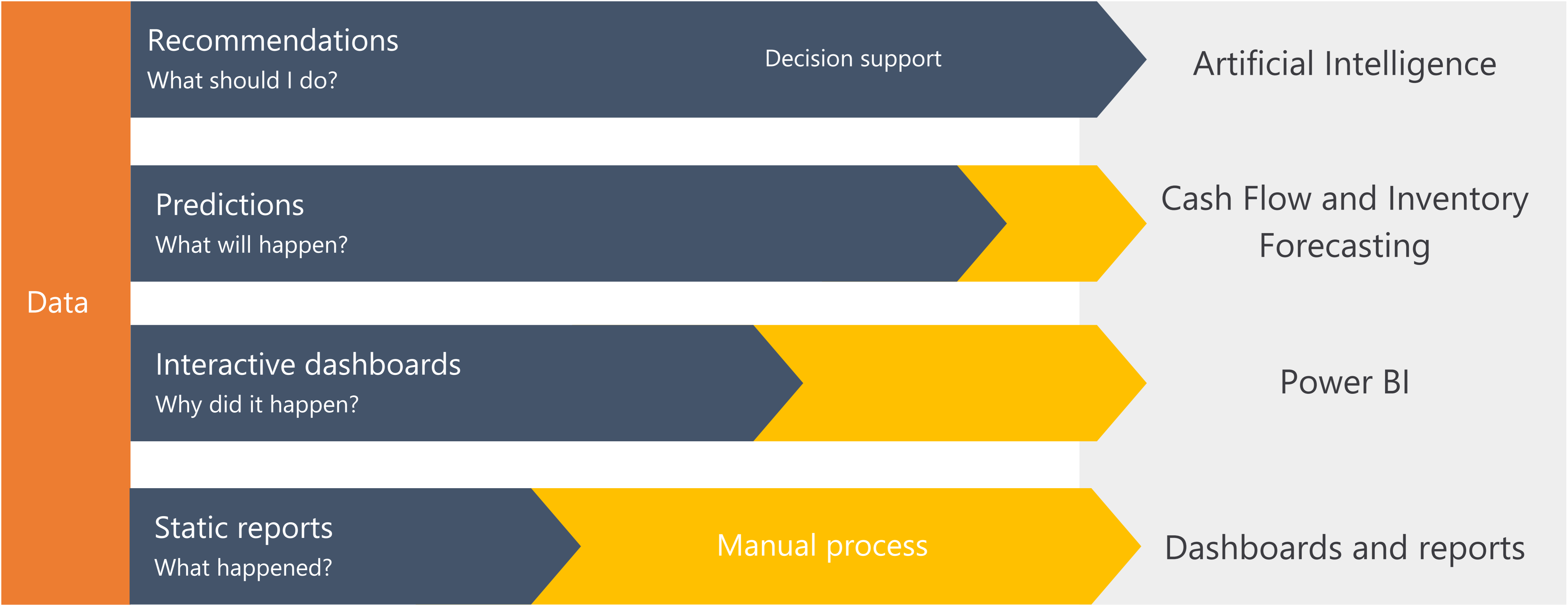


Data Surfacing

Best integration – no integration!

Dynamics 365 — Intelligence built-in

Business reports



VALUE



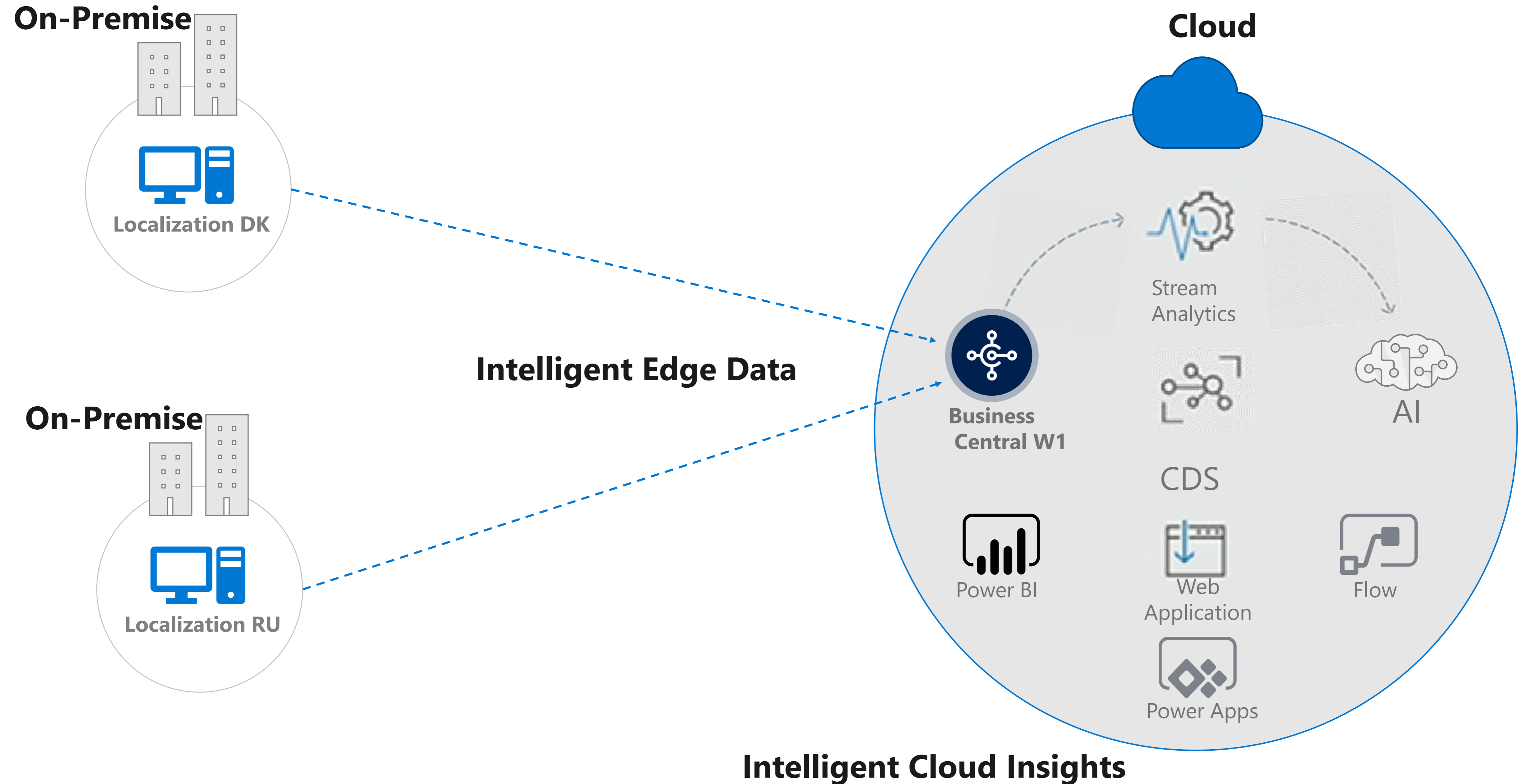
Intelligent Edge

Intelligent Edge to support multi-country consolidation

- How to manage your SaaS localization if you do not have any
- Legal limitations of using cloud (e.g., personal data protection laws)
- Consolidation made easy
- Need of on-prem data to cloud migration tool
- How to restore cloud back-ups
- How to move between cloud tenants



Intelligent Edge to support multi-country consolidation



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Intelligent Edge to support multi-
country consolidation



Replicating different Business
Central localizations with
Intelligent cloud



Intelligent Cloud setup for
Business Central Spring Release

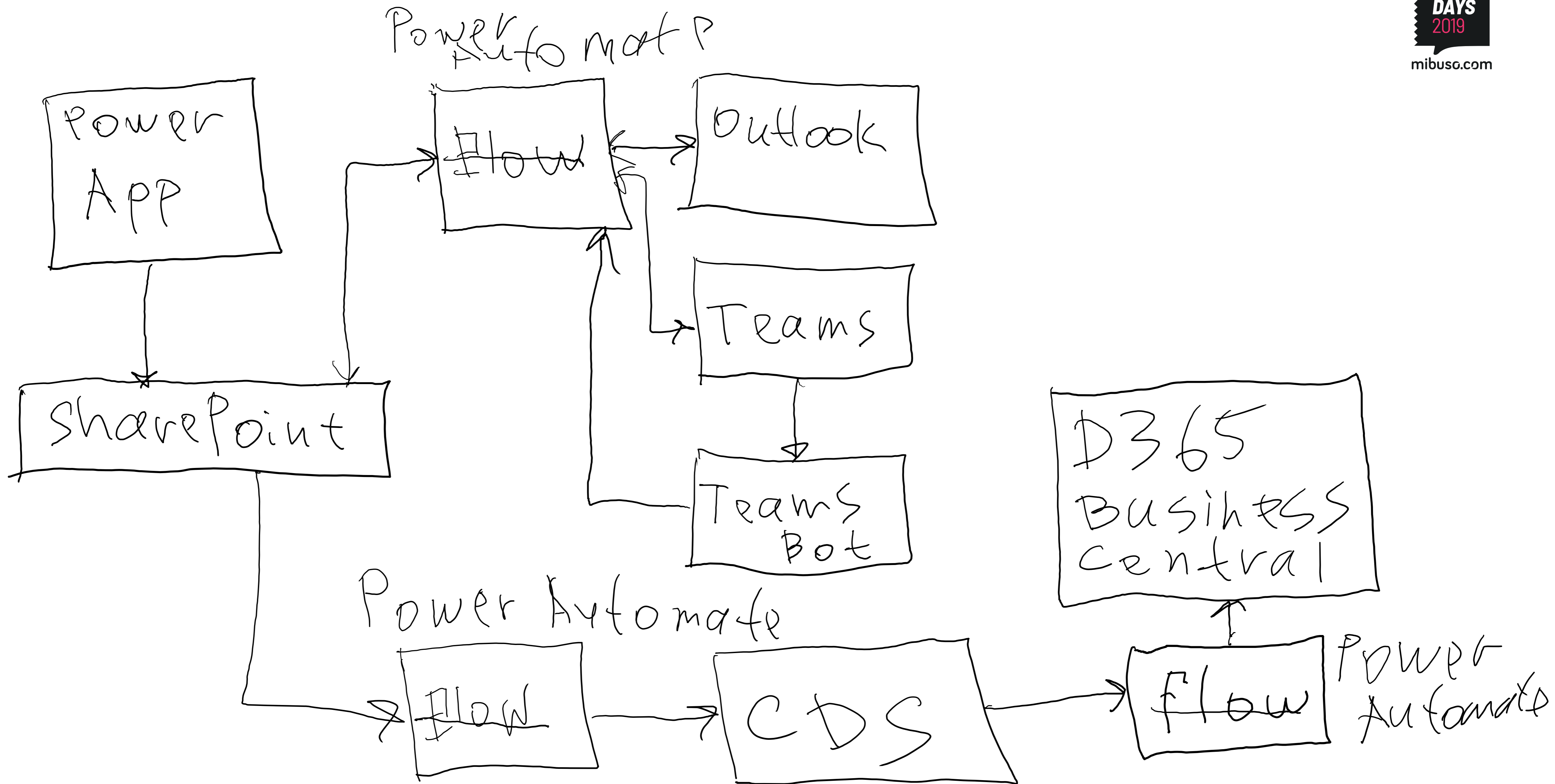




CDS & Power Platform

Technical Scenario:

- ✓ Assigning a new employee to the department with hierarchy structure
- ✓ Employee fills in an application form to apply for a business trip on his desktop
- ✓ Information on new business trip request is stored
- ✓ Employee's boss gets notified on new business trip request
- ✓ Monitor employee's boss timely reaction and remind if boss forgets to react in time
- ✓ Employee gets notification about the result of approval
- ✓ Employee fills in the business trip report, attaching pictures of receipts
- ✓ Photos are stored
- ✓ Expense Reimbursement Report is placed to storage
- ✓ Accounting Department verifies, discusses and approves report
- ✓ Creating Expense Reimbursement report in D365 Business Central
- ✓ Boss monitors the reports with status of all employees business trips



Home

Topics

Analytics

Deploy

Hide Virtual Agent

Test Virtual Agent

Tracing ☒ Start over with latest content

Chat

Введите ваше сообщение

Start a conversation

Store hours

Store location

Pay bill

Dmitry Loboda Bot

Get Started

1. Author Topics

Edit pre-authored topics from your chosen Virtual Agent template or create new topics.

Edit Greeting Topic

Go to Topics

2. Deploy Virtual Agent

Set up a demo website and share your Virtual Agent (no IT support needed). Later, deploy to your support website to engage with your customers.

Go to Deploy

3. Monitor Performance

View metrics to understand how well your Virtual Agent is serving your customers and how you can improve it.

Go to Analytics

Learn more

[Virtual Agent Help Documentation](#)

[Release notes](#)

Download videos

[How to Create, Test, and Deploy a Virtual Agent](#)

Tell us what you think

Ask questions and learn from the community.

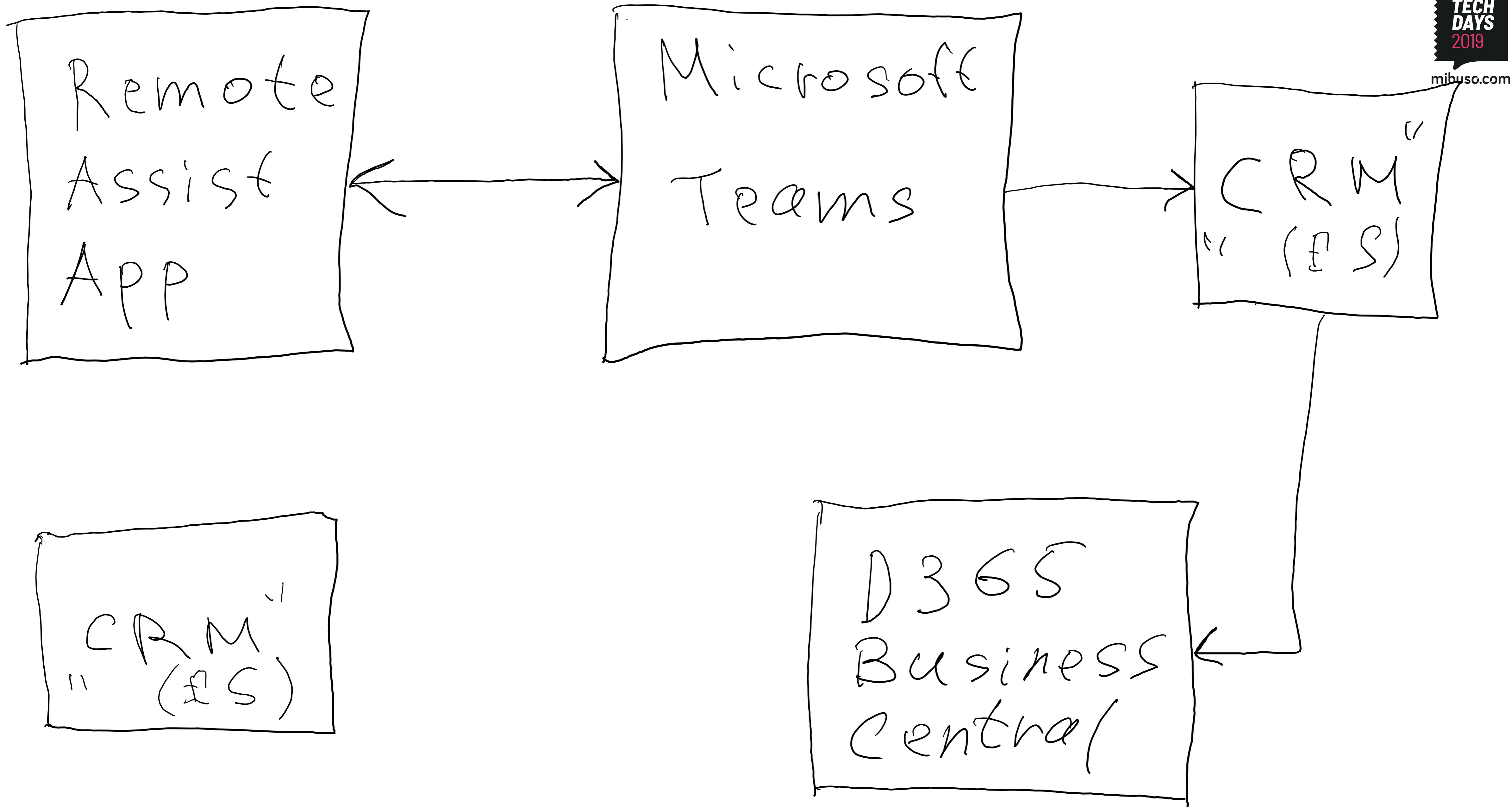
- [Virtual Agent Insider Community](#)

Share your thoughts and ideas.

- [Virtual Agent Feedback Forum](#)

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Remote Assist & Microsoft Teams



Remote Assist & Microsoft Teams





Azure integration capabilities

Azure Integration

Messaging



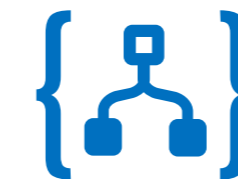
Service Bus

APIs



API Management

Orchestration



Logic Apps

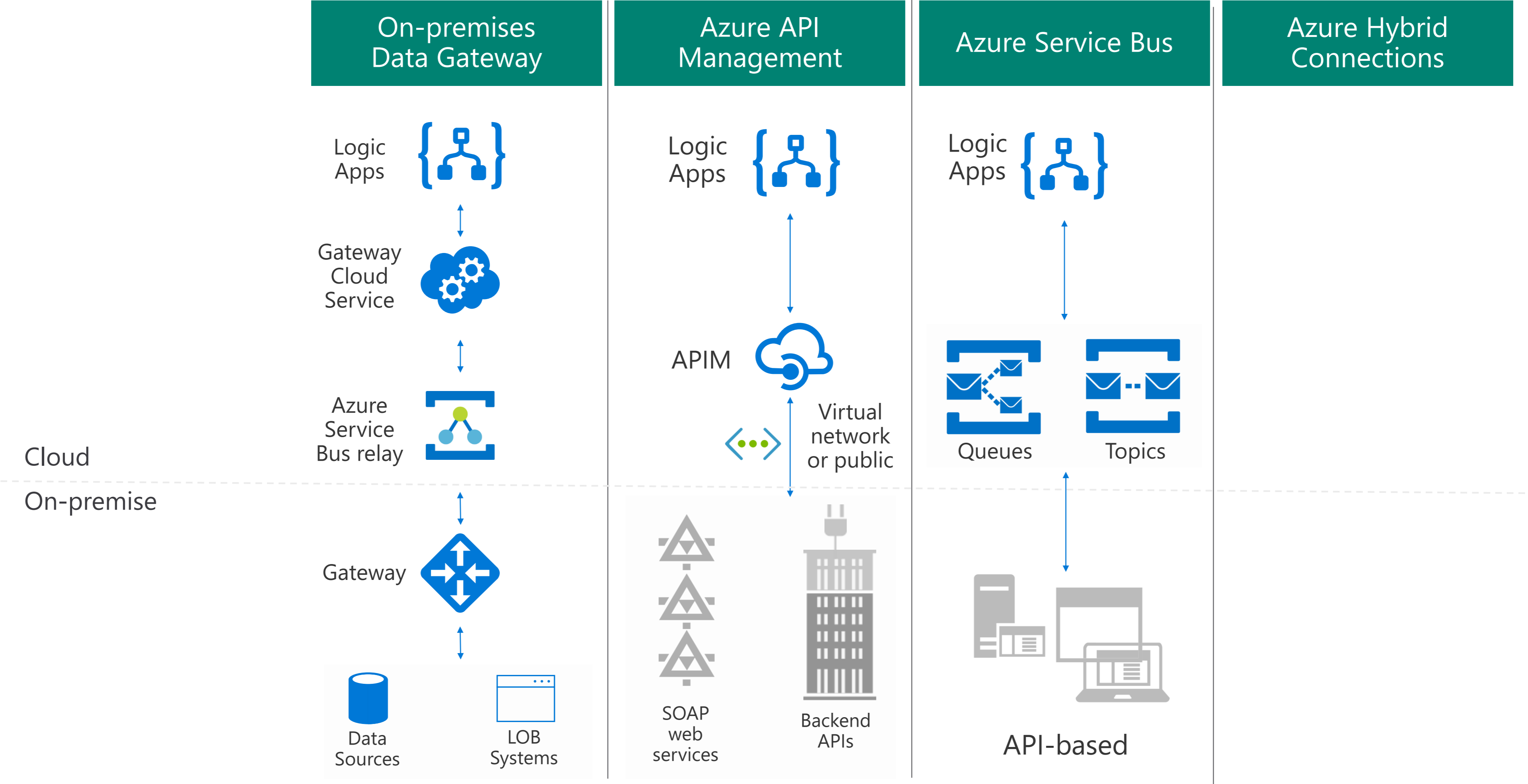
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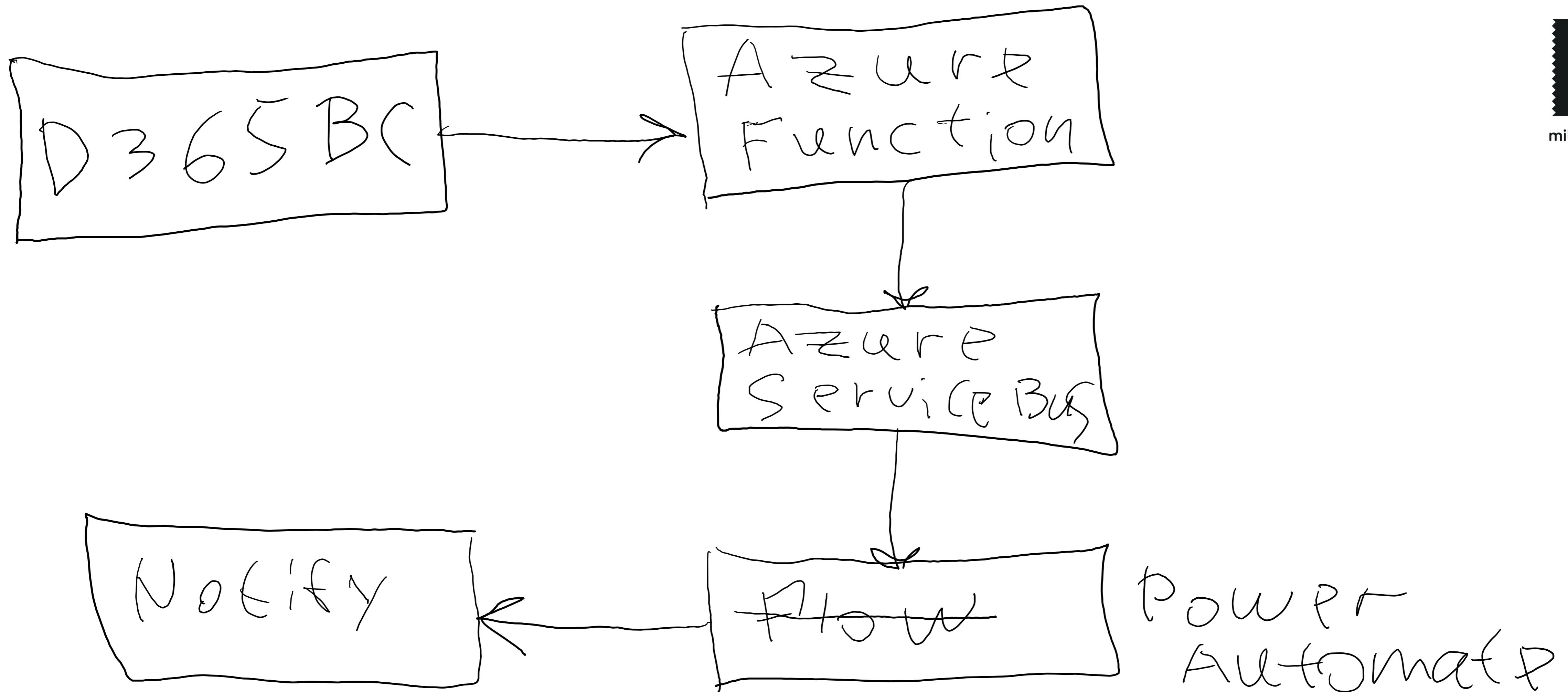


Data Factory



Hybrid Integration





- se - Token expiry instant. Integer reflecting seconds since the epoch 00:00:00 UTC on 1 January 1970 (UNIX epoch) when the token expires.
- skn - Name of the authorization rule.
- sr - URI of the resource being accessed.
- sig - Signature

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Azure Service Bus access control with Shared Access Signatures



GitHub Repository for Business
Central part for sending message

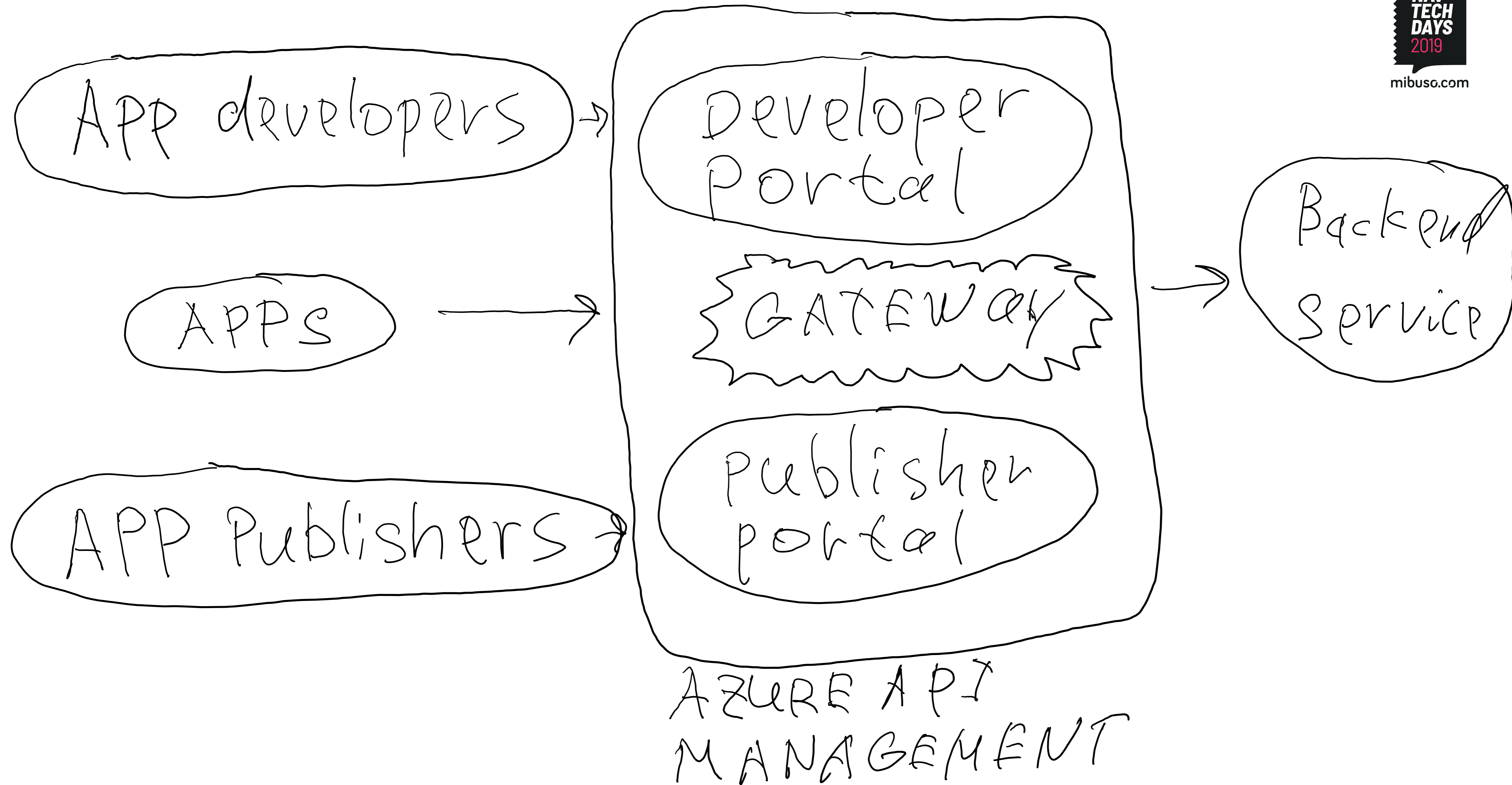


GitHub Repository for Azure
Function code part for sending
message



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Self-hosted API Management gateway



API Management Tools:

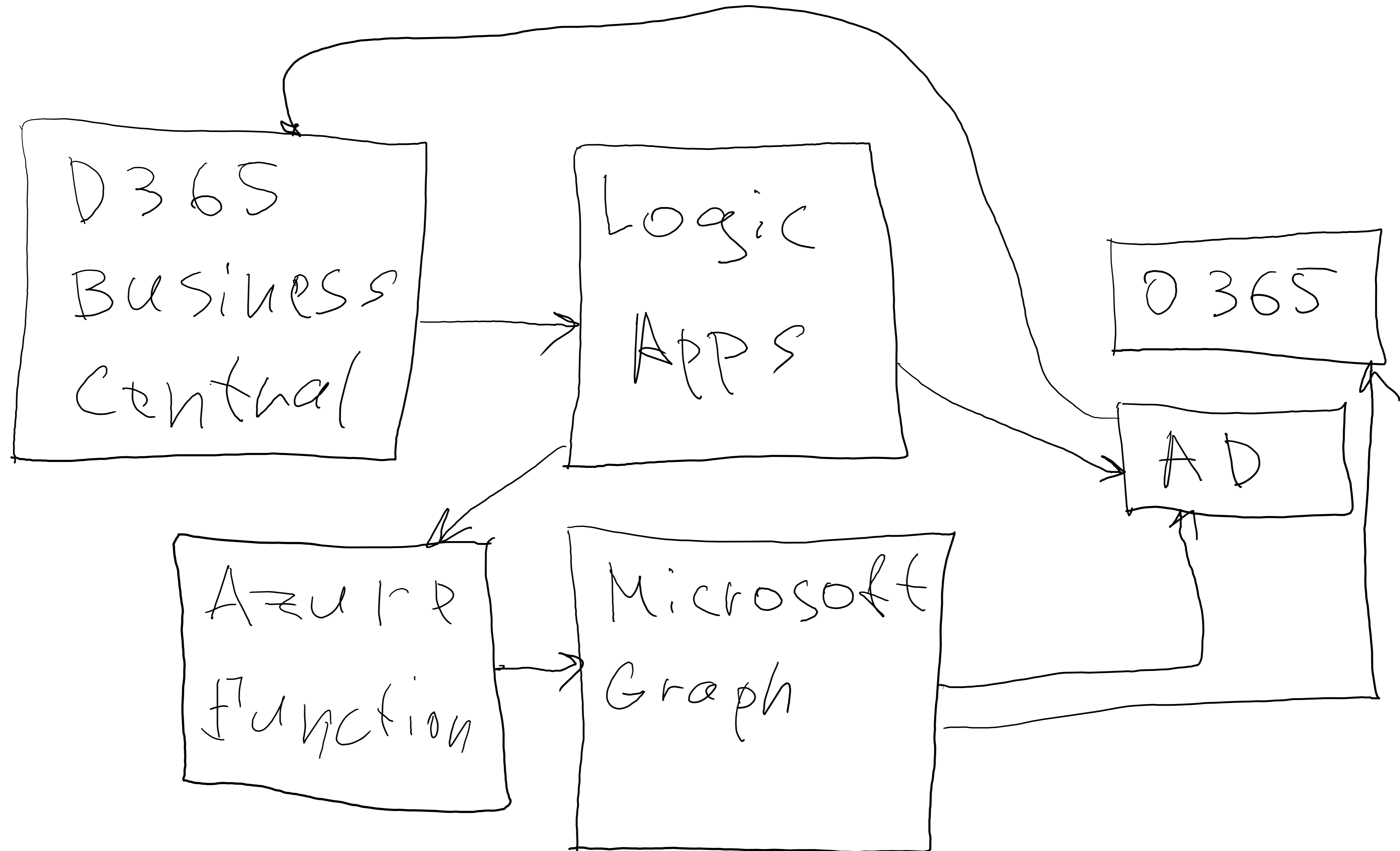
- Create and publish APIs
- Mock API responses
- Transform and Protect your API
- Monitor published APIs
- Debug API using request tracing
- Make non-breaking changes using revisions
- Publish multiple versions of your API

Azure API Management



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Microsoft Graph and Logic Apps



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Microsoft Graph and Logic Apps



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OData performance

The following new server settings have been added:

ODataServicesOperationTimeout	Specifies the maximum amount of time that the server instance can allocate to a single OData request.
ODataMaxConnections	Specifies the maximum number of simultaneous OData requests on the server instance (for all tenants).
ODataMaxConnectionsPerTenant	Specifies the maximum number of simultaneous OData requests per tenant.

OData performance improvements



Q&A

Any Questions?

*Thank
You!*