

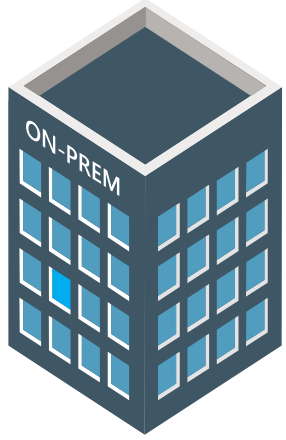


Connect & develop business applications with Azure Logic Apps

Marco Mansi & Pascal Naber



Evolution of application platforms



On-premises

IaaS

PaaS

Serverless



Serverless



Managed infra



Event driven



Automatic scalability



Pay for use

Serverless in Azure



Logic Apps

- ✓ Visual designer
- ✓ 160+ connectors
- ✓ Functions orchestrator



Functions

- ✓ Flexible deployment options
- ✓ Developer productivity
- ✓ Triggers and Bindings



Event Grid

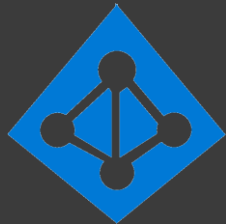
- ✓ Manage all events in one place
- ✓ Broad coverage
- ✓ Near real-time delivery



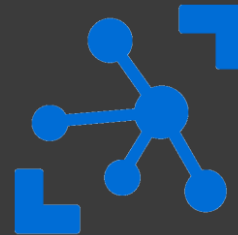
Database



Storage



Security



IoT



Analytics



Intelligence

What are Logic Apps



Workflow

Serverless

Integration platform

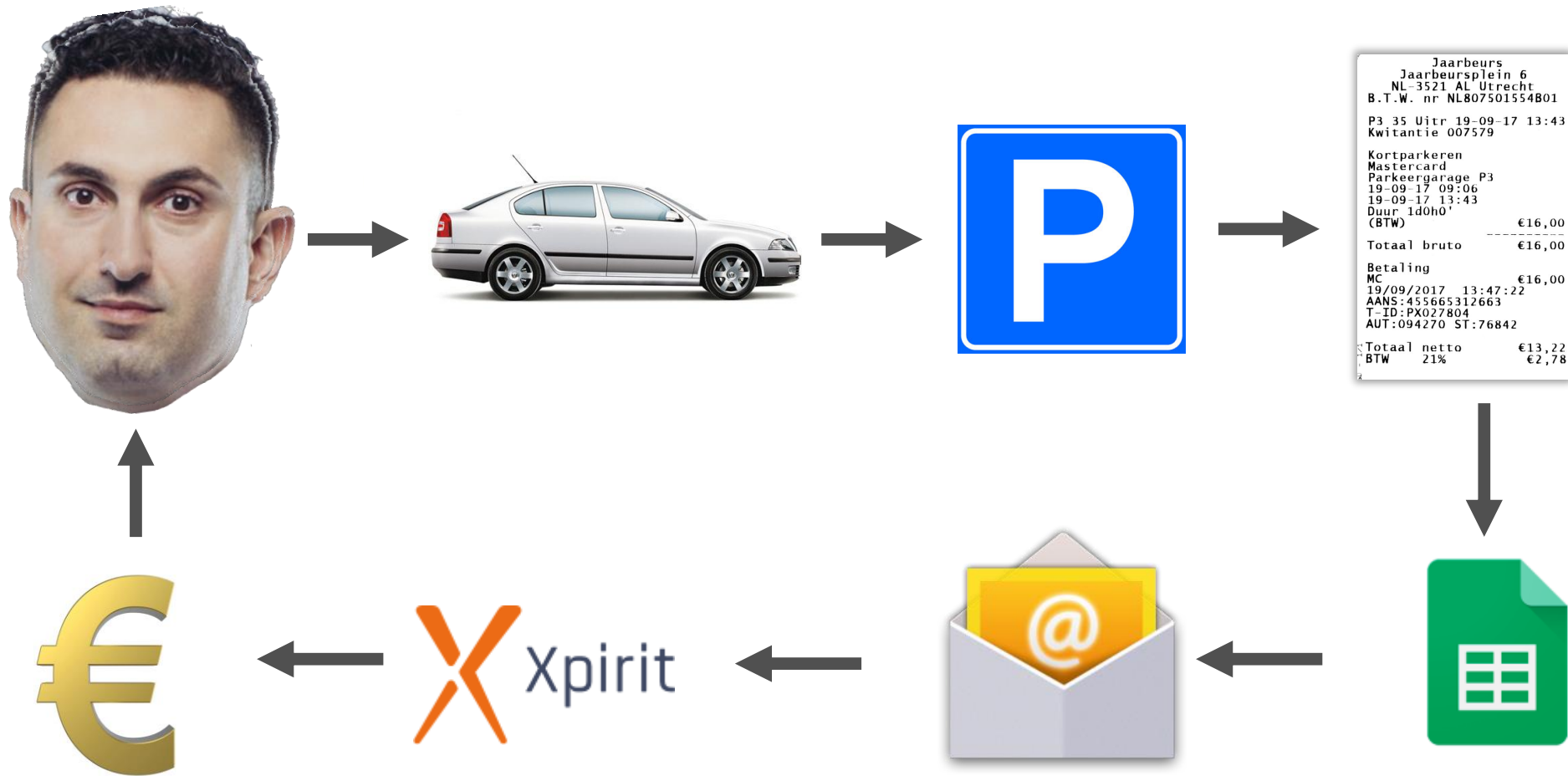
Event driven

Visual Designer

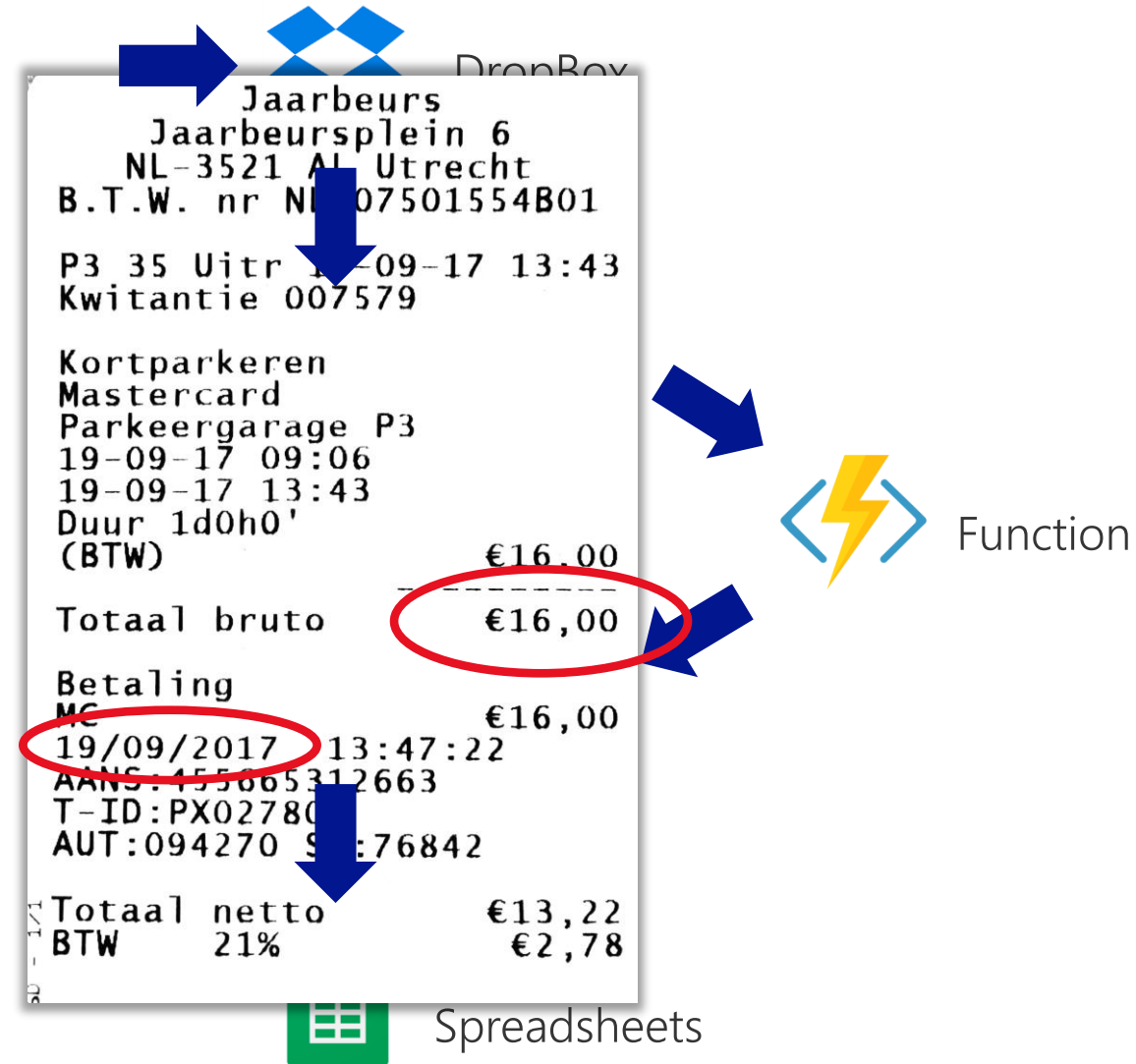
No code

Logic Apps: Automating Marco's daily irritation

Demo: Parking ticket scanner



Parking ticket scanner: workflow



Triggers

Poll 



When a file is added
to FTP server

Push 



When a message is
received in a Service
Bus queue



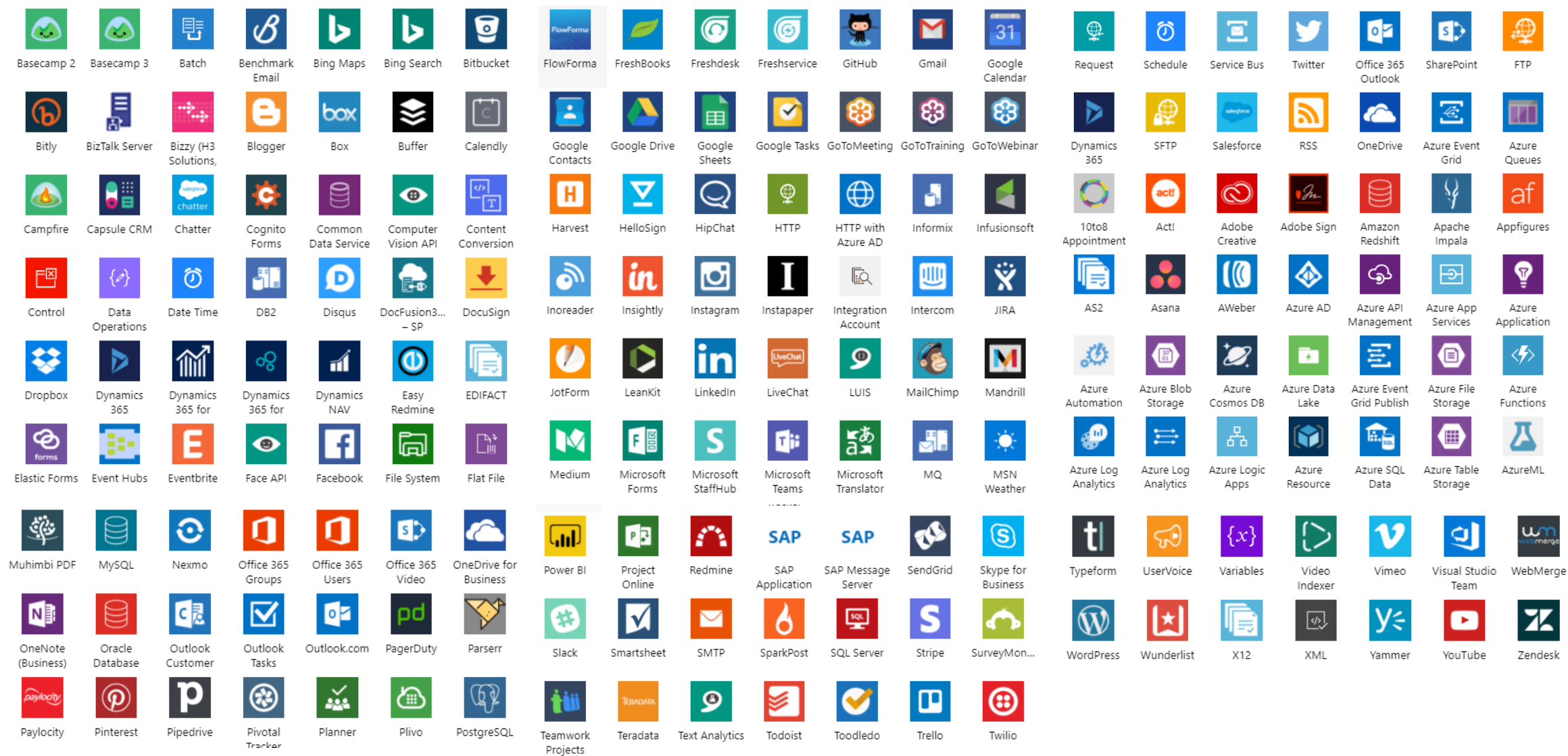
When a new email is
received in
Outlook.com

Recurrence 



Recurrence

Connectors



Components



Condition



For each



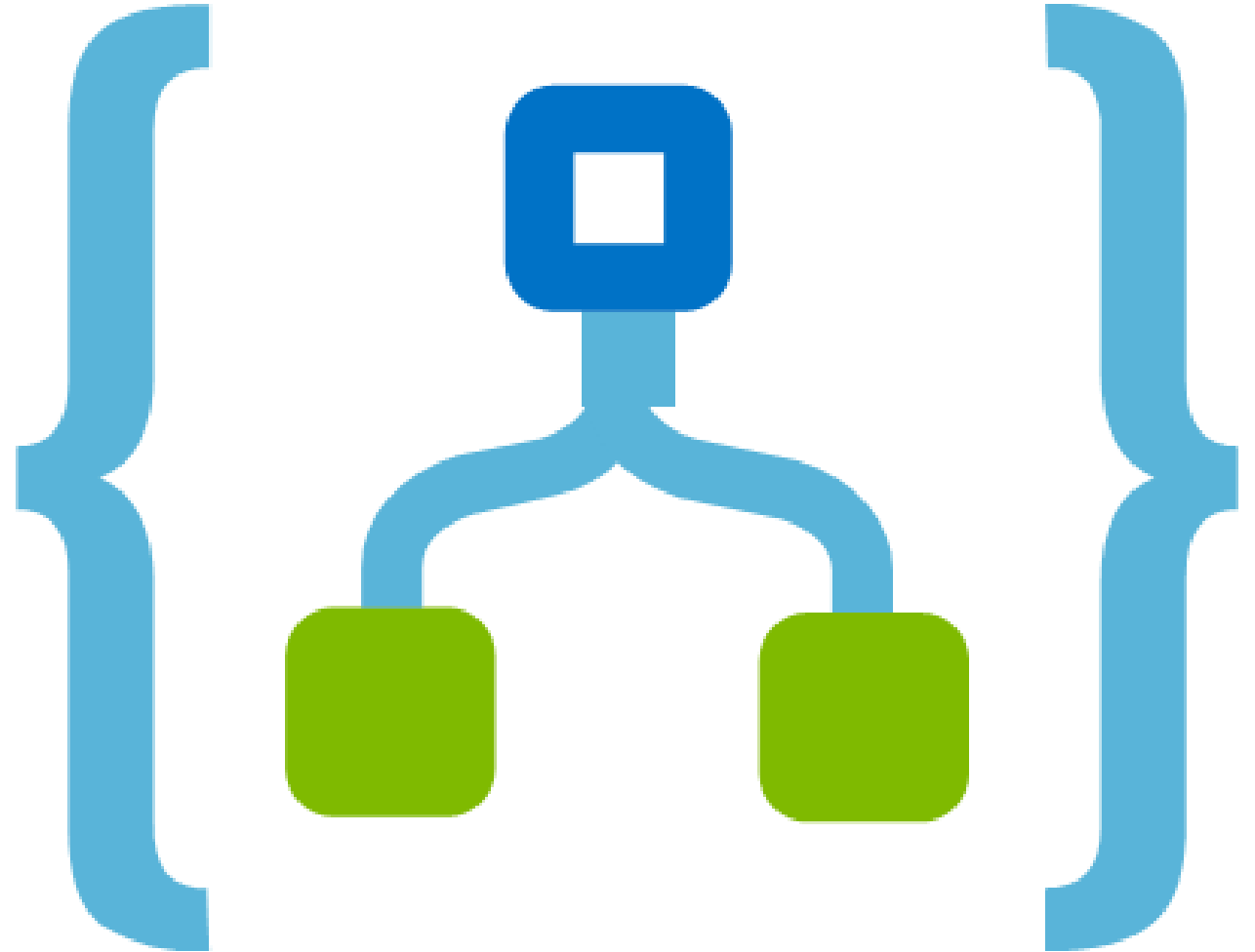
Switch



Do until

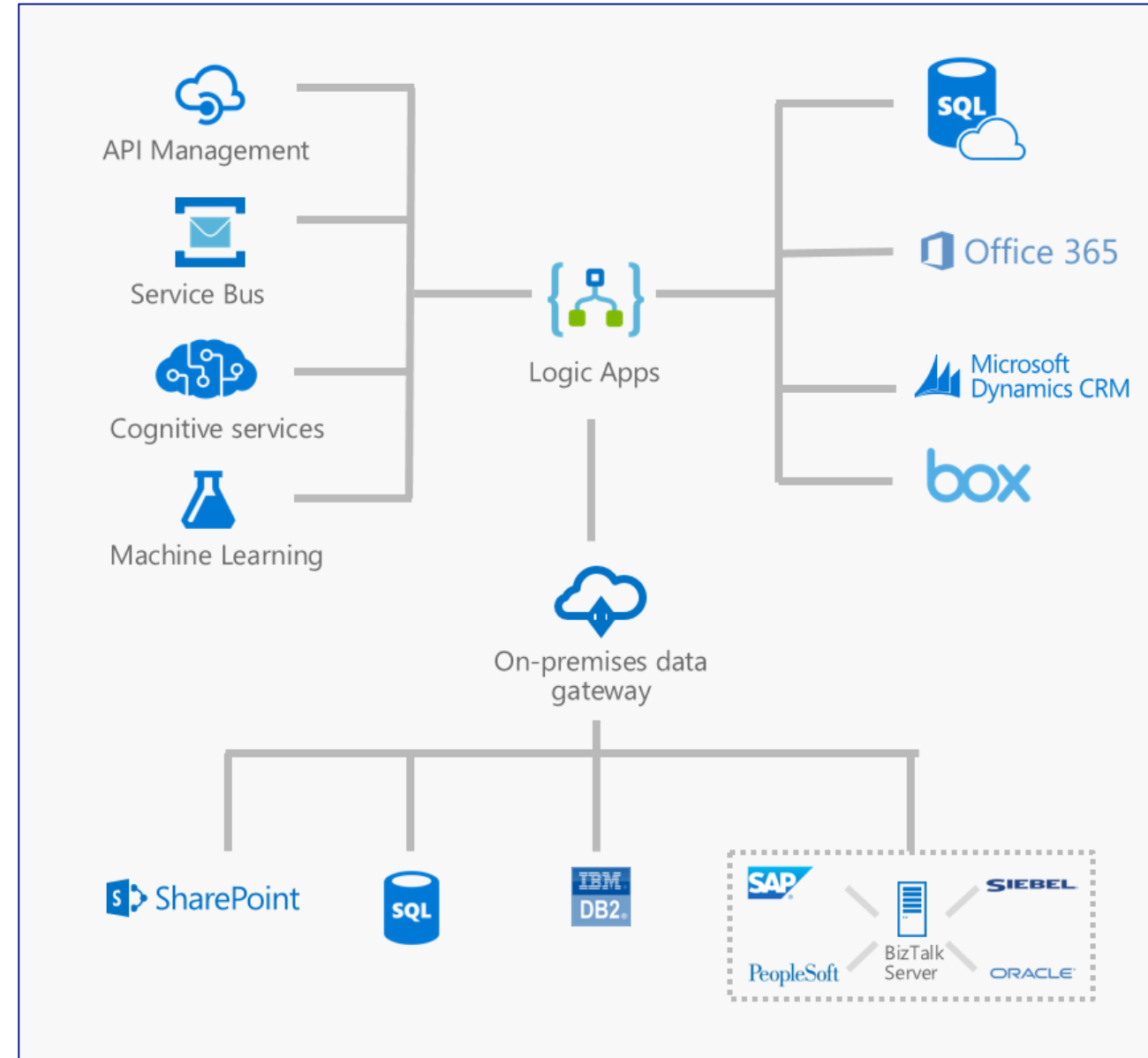


Scope

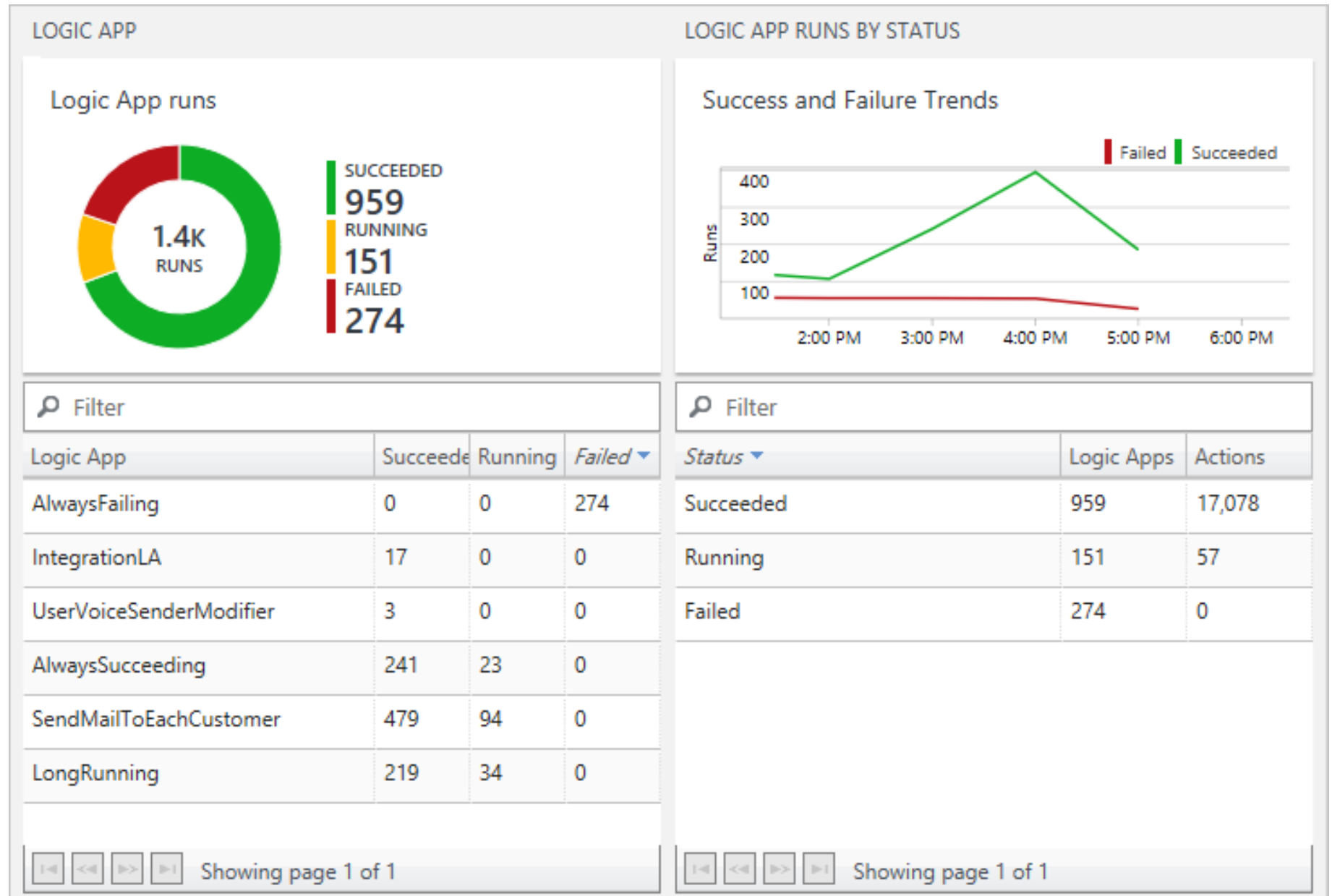


Why Logic Apps

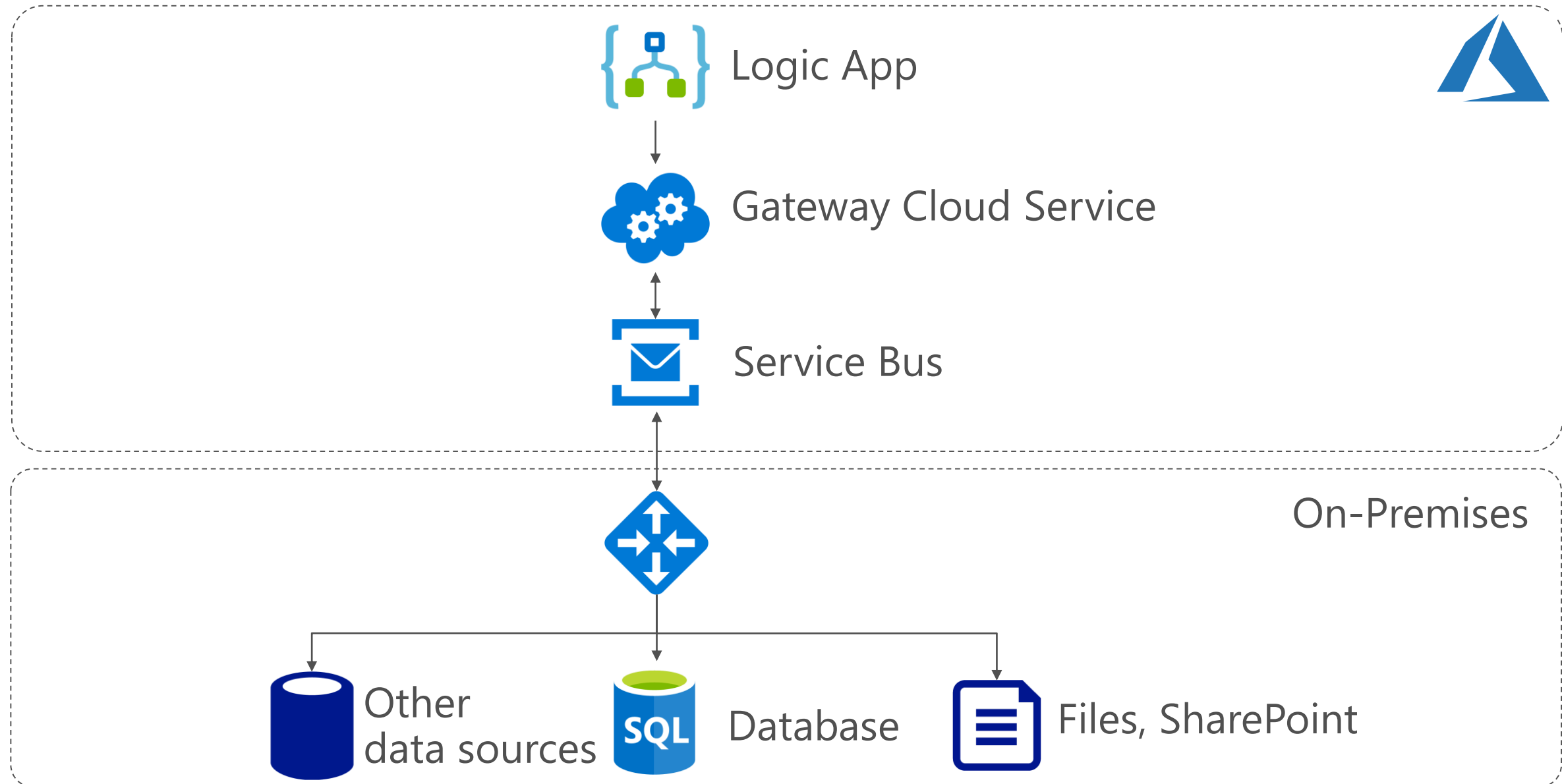
- Focus on the business needs
- No plumbing code
- No infra
- Easy integration with other services
- Extendable



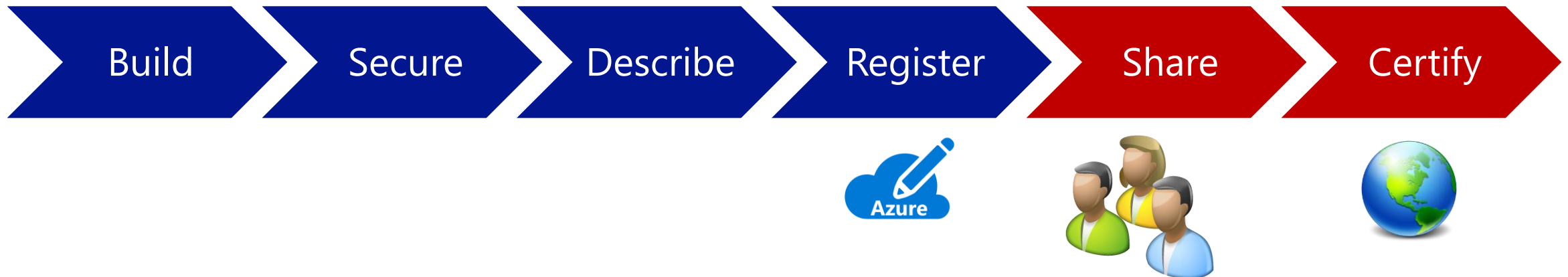
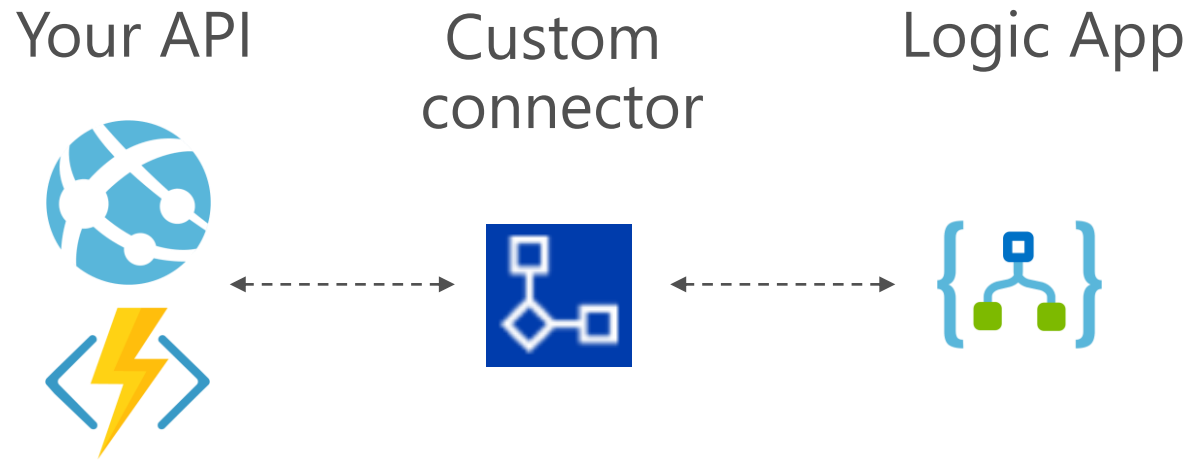
Monitoring



On-Premise connection




Custom connectors




Enterprise Integration Pack


Integration account connectors




AS2
decoding




AS2
encoding




EDIFACT
decoding




EDIFACT
encoding




Flat file
encoding




Flat file
decoding




Integration
account




Transform
XML



X12
decoding



X12
encoding



XML
validation

~~€ 843 p/m~~

Standard Connector	€0.000106
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Enterprise Account connectors on-premise data gateway



MQ



SAP

~~€ 675 p/m~~

Enterprise Connector	€0.000844
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Pricing

Actions per month	Price per action
actions	€0.000022
Standard Connector	€0.000106
Enterprise Connector	€0.000844

Demo: Parking Ticket scanner:

Trigger 1x per hour = 24 actions + 7 actions

~~31 x 30 days x €0.000675 = ~ €0,63 p/m~~

31 x 30 days x €0.000022 = ~ €0,03 p/m

Process 1000 ServiceBus messages a day
with a workflow of 5 actions:

1000 x 5 x 30 days =

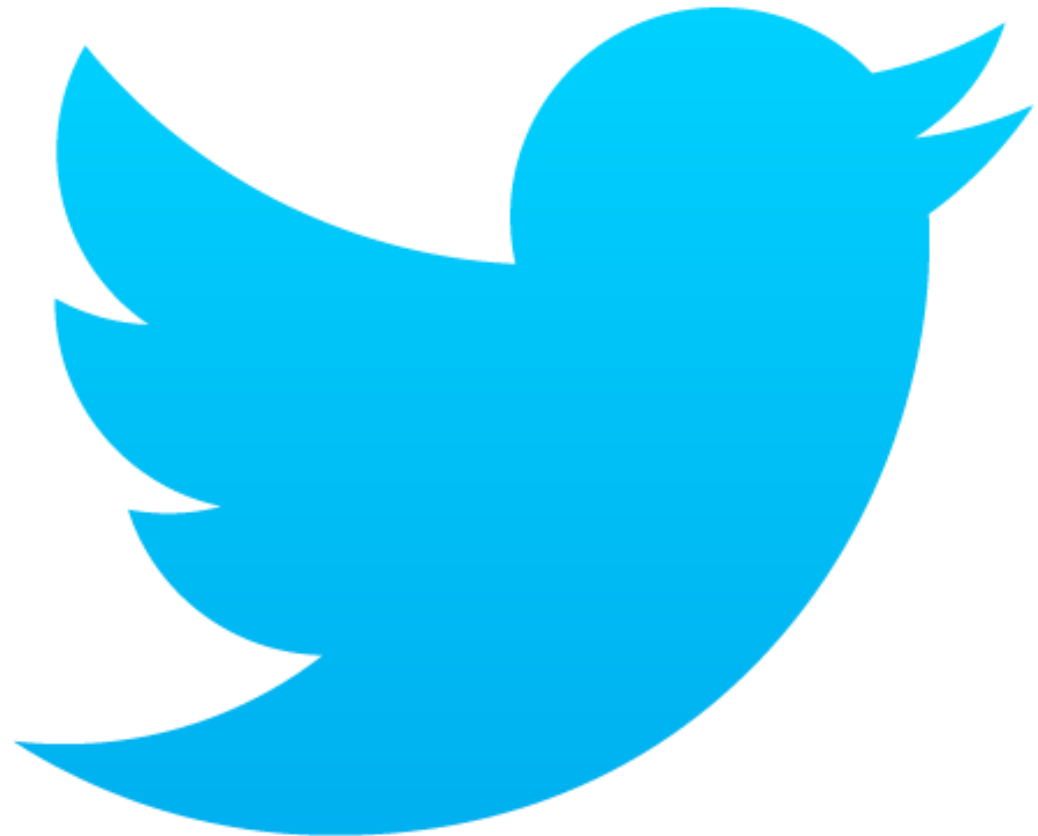
~~150.000 x €0.000675 = € 101,25 p/m~~

150.000 x €0.000022 = € 3,30 p/m

Pricing per 1-11-2017

Techdays Twitter sentiment

Demo



A man with dark hair and a beard, wearing a grey t-shirt, stands with his arms crossed in front of a vibrant graffiti wall. The wall features various tags and phrases like 'SENSE OF URGENCY', 'WARNING', and 'BEWARE'.

Marco Mansi

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A man with short brown hair and glasses, wearing a blue checkered button-down shirt, stands with his arms crossed in front of the same vibrant graffiti wall as the first image.

Pascal Naber

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