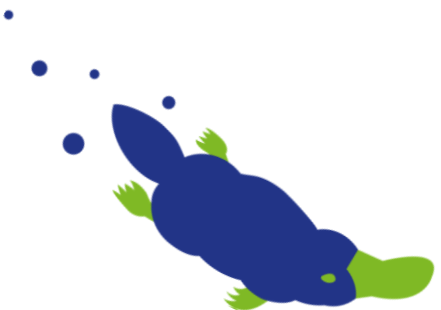


Breakout: Hybride met eMagiz



Even voorstellen



Samet Kaya
Software Delivery
Manager @ eMagiz



Tom ten Vregelaar
Accountmanager @
eMagiz

Agenda

- Wat zien we gebeuren?
- eMagiz iPaaS
- Wat is hybride?
- Hybride in eMagiz
- Voorbeeld use-cases

Mainframe & Time Sharing 1950s

"Cloud" was nog steeds een verzameling waterdruppeltjes in de lucht



Mainframe en time sharing geïntroduceerd als gedeelde, gecentraliseerde resources

ARPANET 1969

Eerste werkende prototype ARPANET wordt gelanceerd



Linken van vier verspreide computers, startschot voor wat nu Internet is



Client-Server 1970s

De term "client-server" wordt gebruikt



Alsmede virtualisatie wordt als concept geïntroduceerd

Web gebaseerde organisaties 1999

Organisaties lanceren waarbij internet essentieel onderdeel is van de propositie



Waaronder bekende organisaties als Google of Salesforce



Web 2.0 2003

Web 2.0 ontstaat,
gekaracteriseerd door rijke
multimedia ervaring,



alsmede user gegenereerde
content en dynamische
interfaces

Amazon 2006

Amazon start Amazon Web
services,

IOIO
IOIO



zodat klanten resources als
service kunnen afnemen



Cloud & browser-based applications 2008

Het concept private cloud
ontstaat voor enterprises,



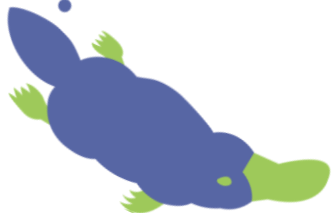
Alsmede browser gebaseerde
applicaties, waardoor
gebruikers ontkoppelt
worden van desktops

Cloud adoptie Heden

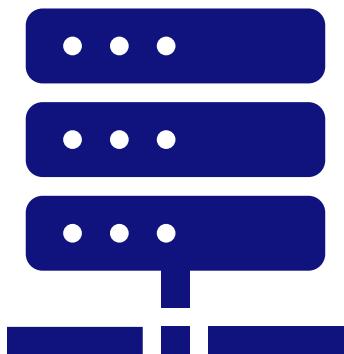
Cloud adoptie versnelt over
alle sectoren



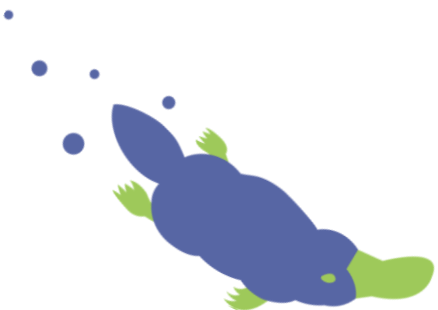
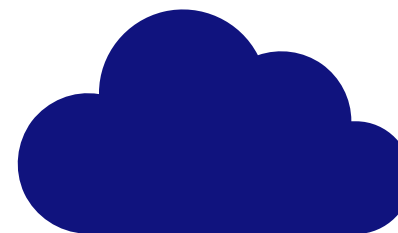
Implementatie van nieuwe
technologiën als AI en
machine learning



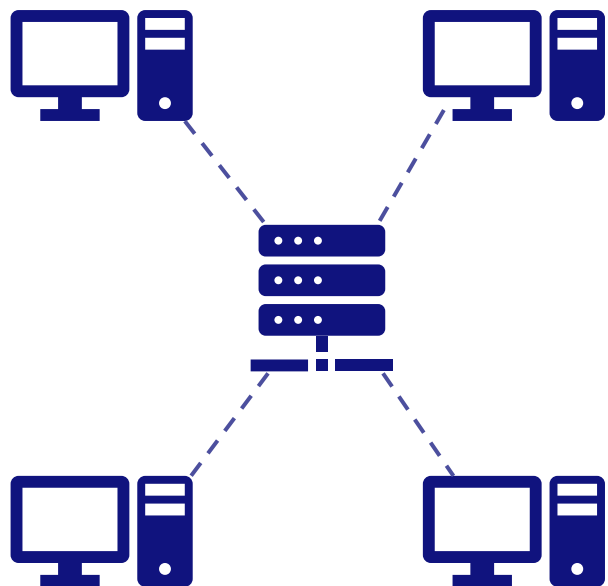
Wat zien we gebeuren?



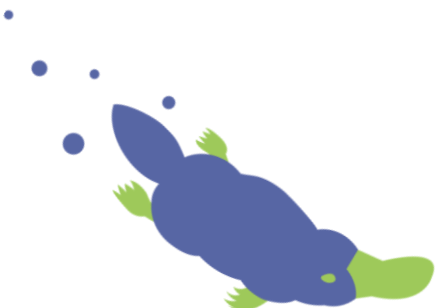
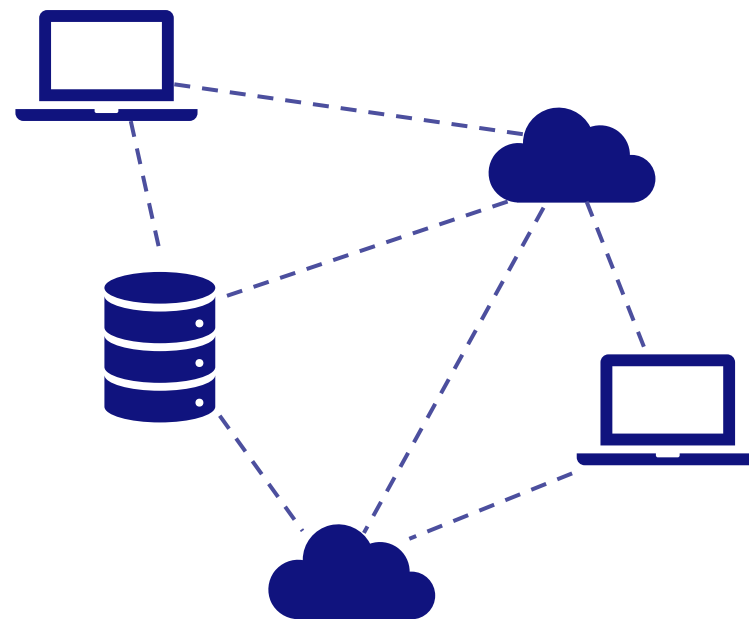
On-premises
naar
cloud



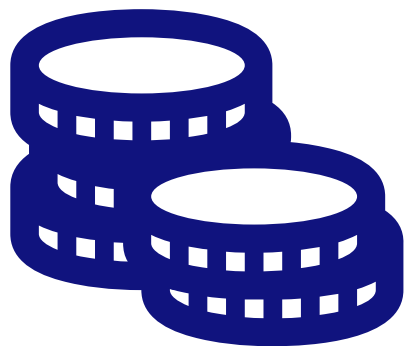
Wat zien we gebeuren?



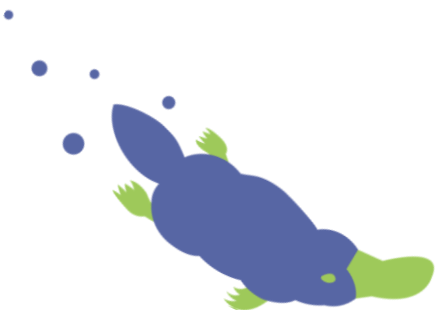
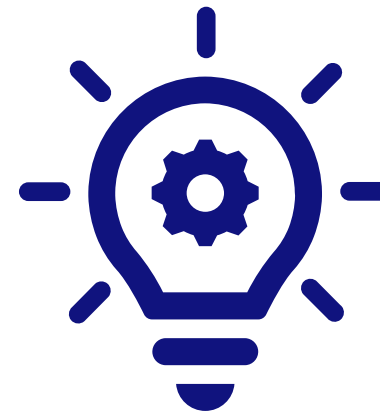
Centraal & monolithisch
naar
Gedistribueerd en flexibel



Wat zien we gebeuren?



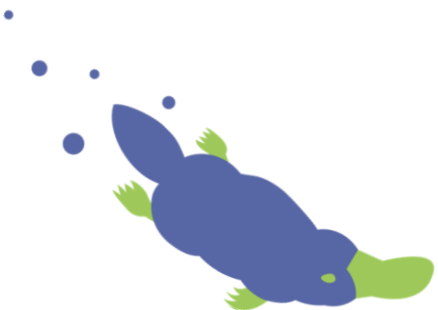
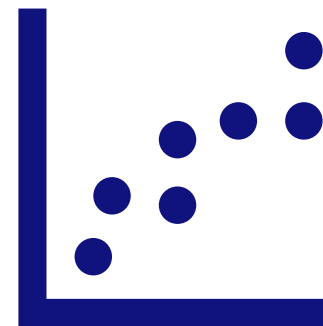
Kostenpost, IT gedreven
naar
Innovatie, business gedreven



Wat zien we gebeuren?

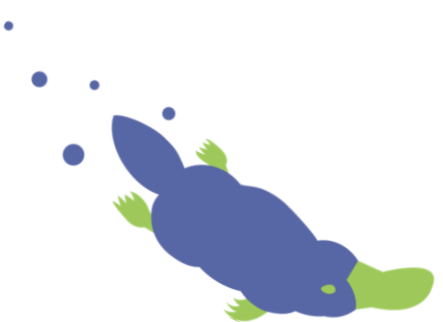
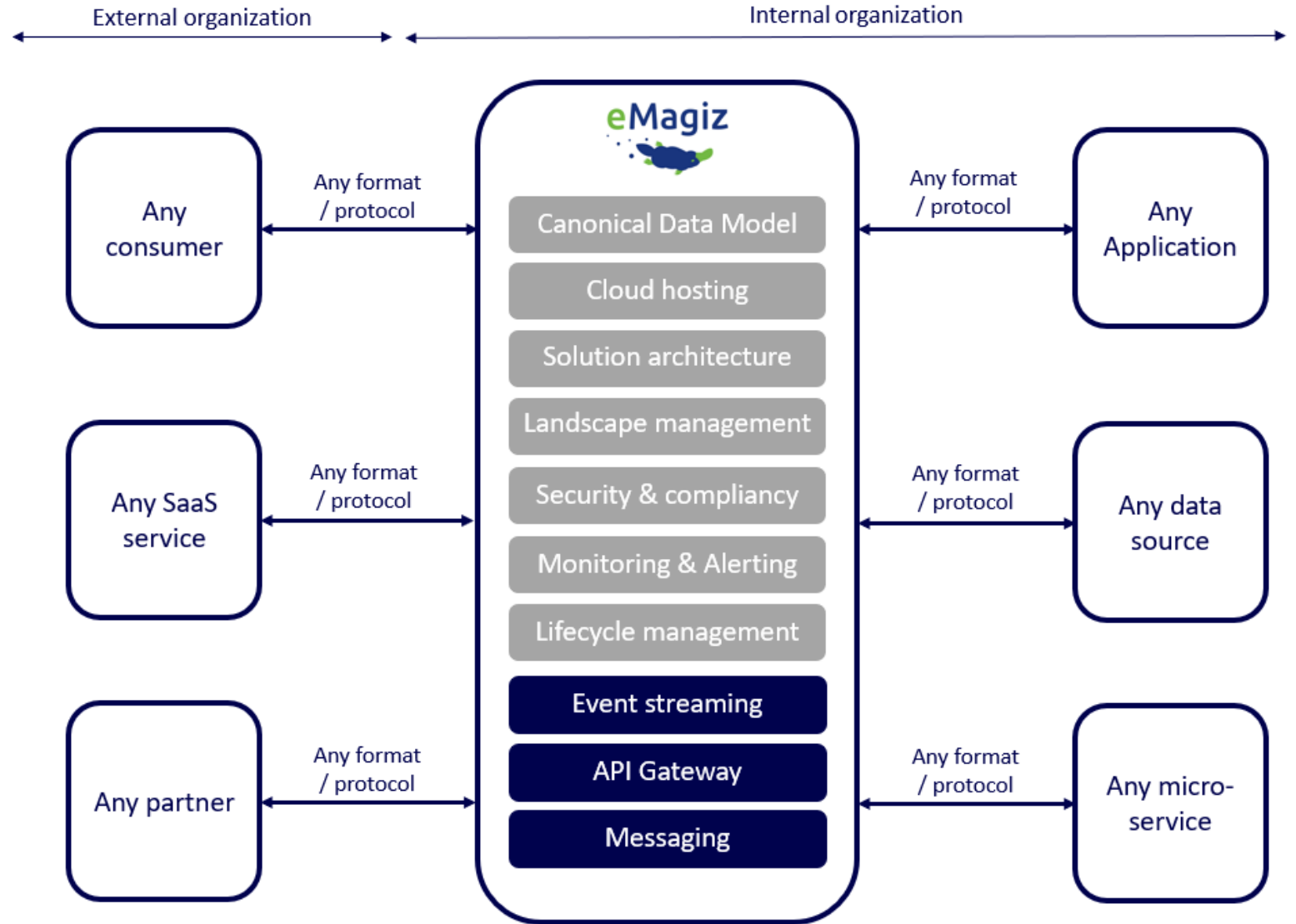


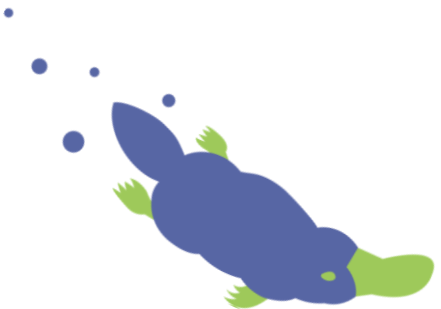
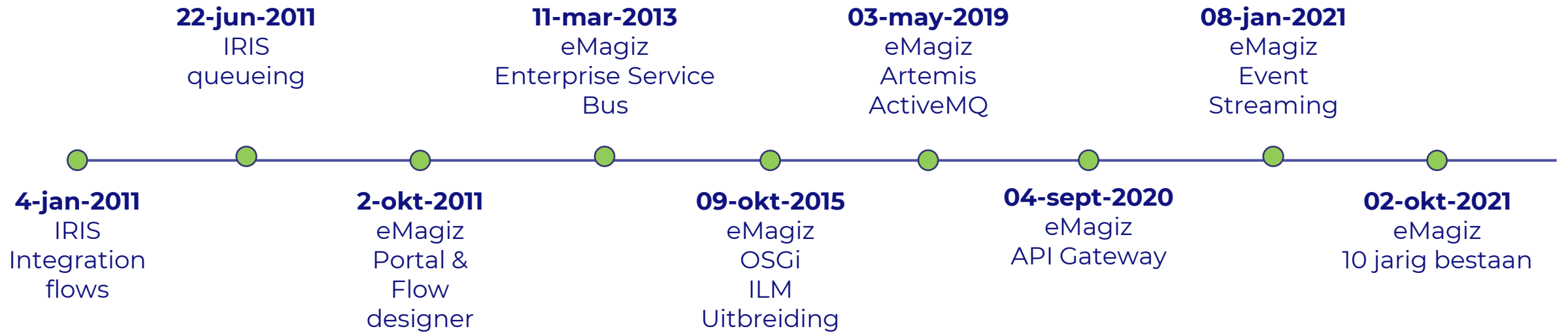
Beslissingen op historische basis
naar
Real-time, data gedreven



eMagiz

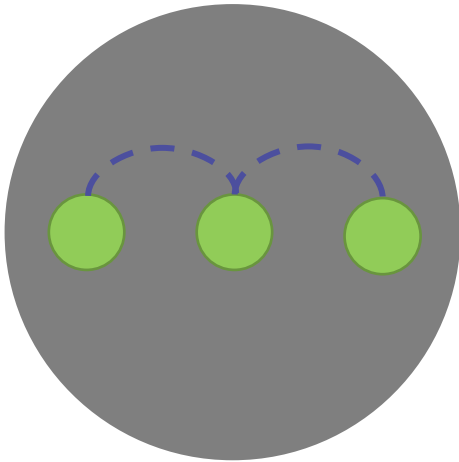
Low-code Enterprise Integration Platform as a Service



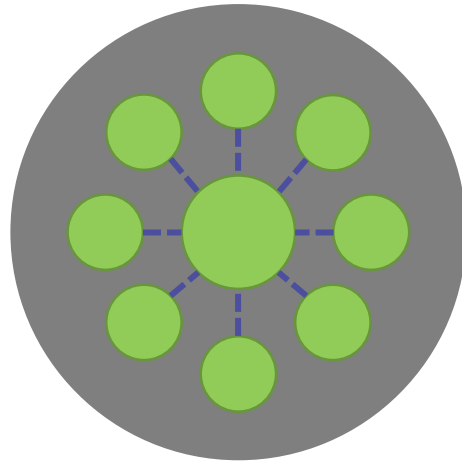


Integratie technologie

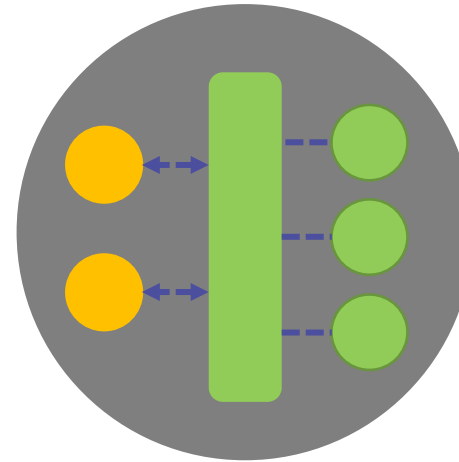
Point-to-point



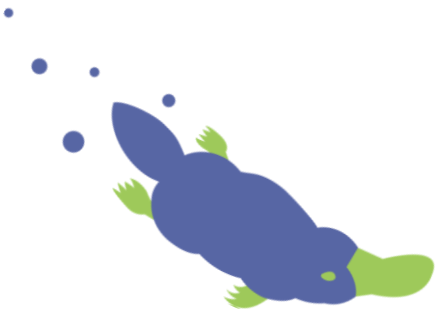
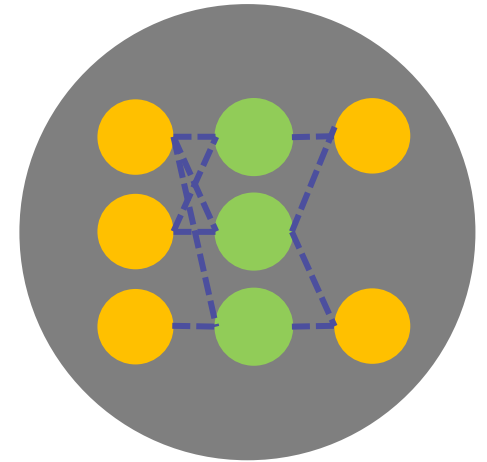
Message bus



APIs



Pub/Sub



Toekomst

- Integratie architectuur maakt een beweging van batch-gedreven naar event-gedreven
 - Data op basis van business events
 - Loose-coupling
 - Producers & consumers
 - Data management
- eMagiz zal nog meer focus leggen op event gedreven integratie architectuur, met een nadruk op hybride integratie use-cases



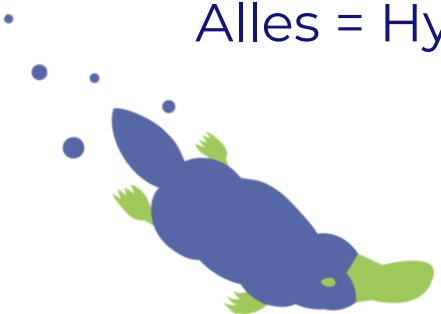
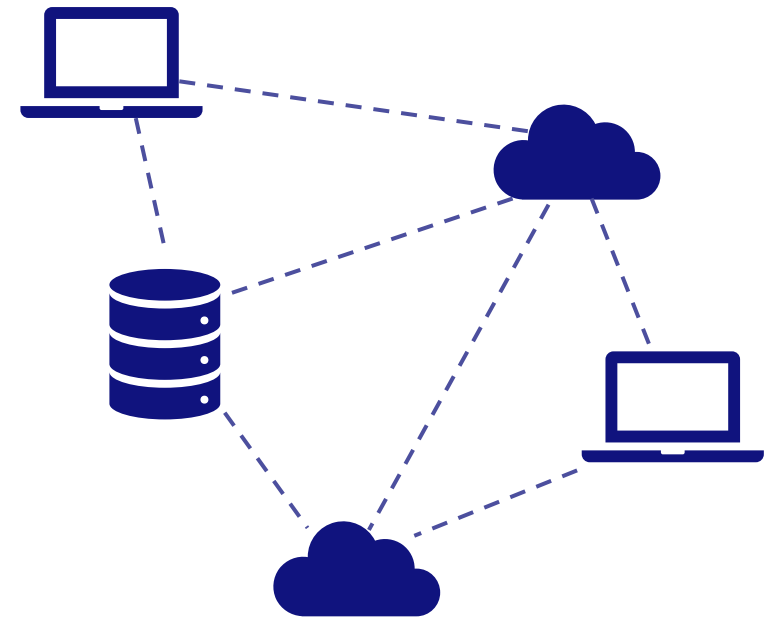
Hybride toepassingen

Hybride in deploy architectuur:

Multi Cloud & On-premises:

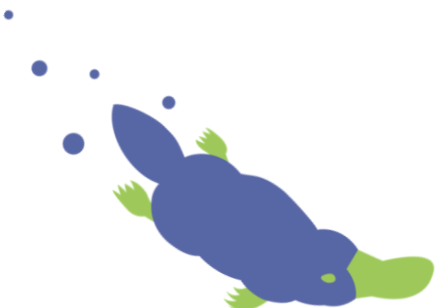
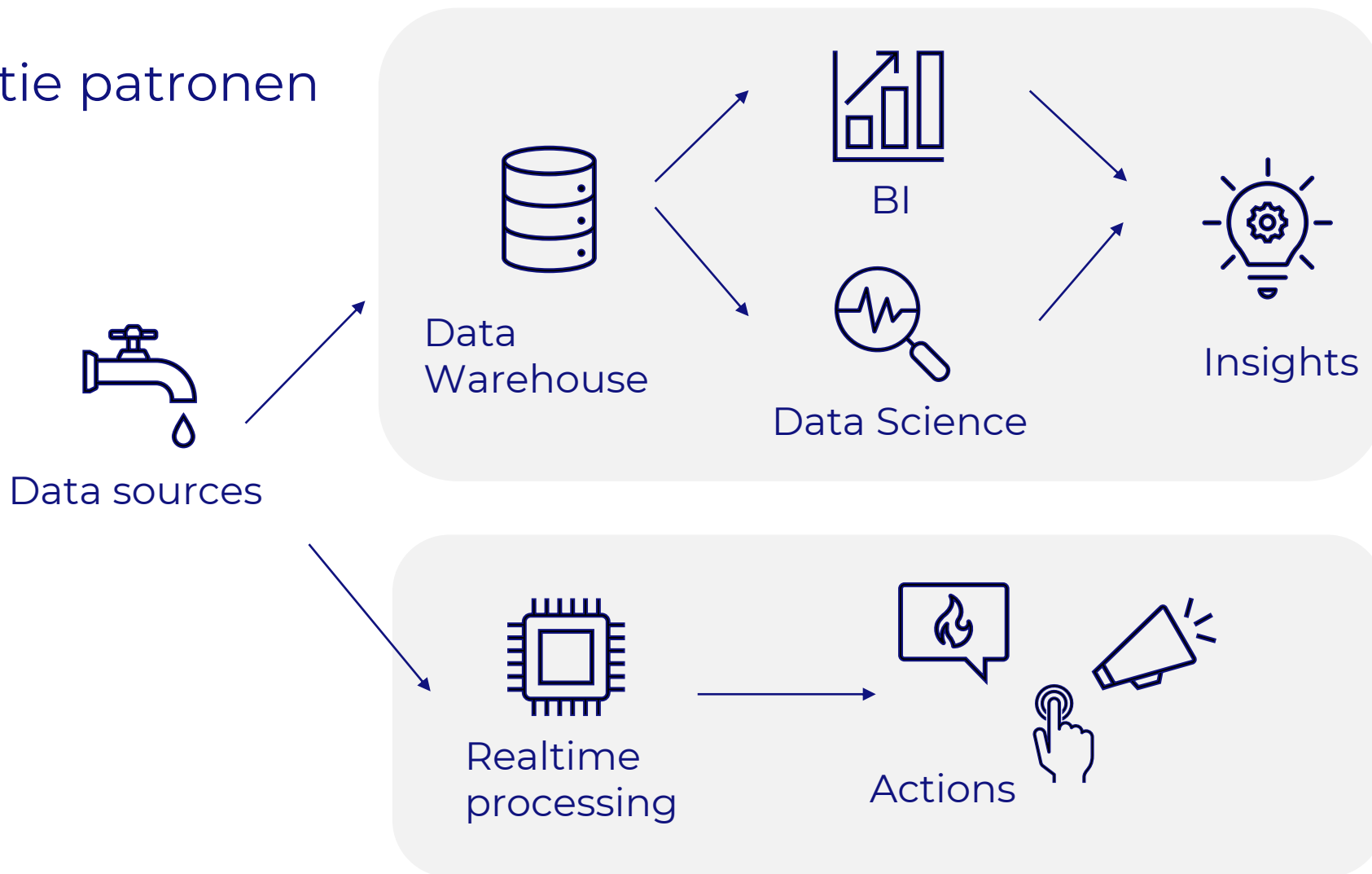
- Public cloud
- Private & VMs dedicated data centers
- SaaS diensten
- Lokale bronnen en installaties

Alles = Hybride

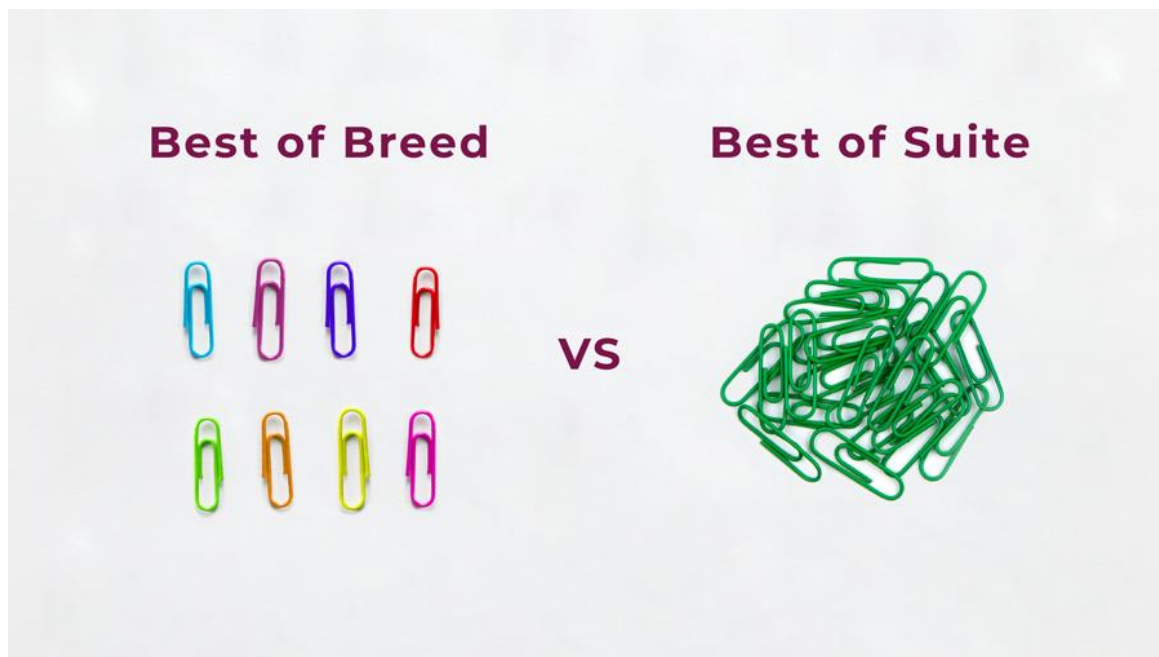


Hybride toepassingen

Hybride in integratie patronen
en de timing

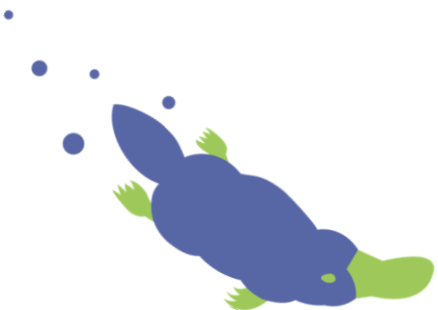


Hybride in eMagiz



Meerdere verschillende oplossingen/tools in de markt

Combinatie in 1 platform

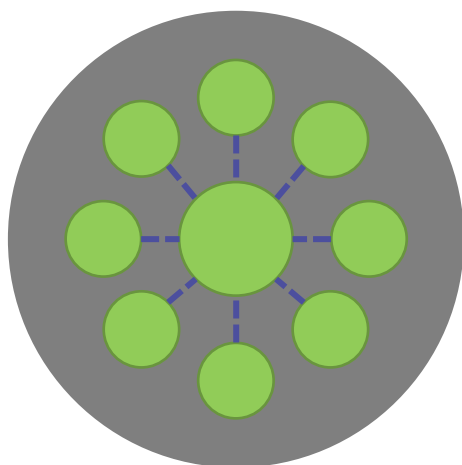


Hybride in eMagiz

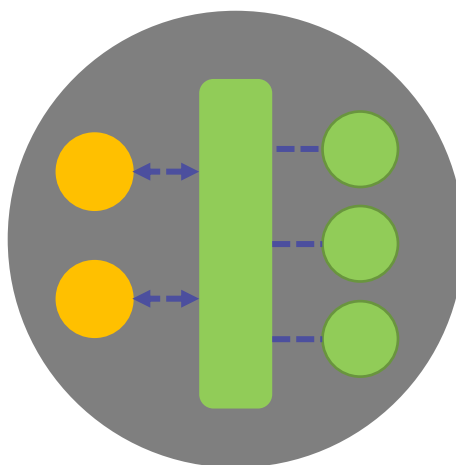
Hybride in integratie patronen

Naast elkaar (batch, realtime, near realtime)

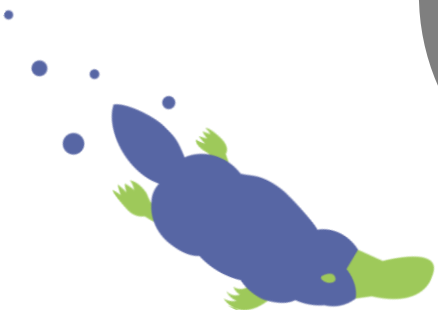
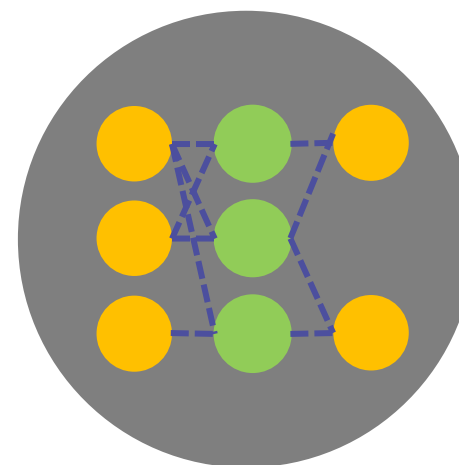
Message bus



APIs

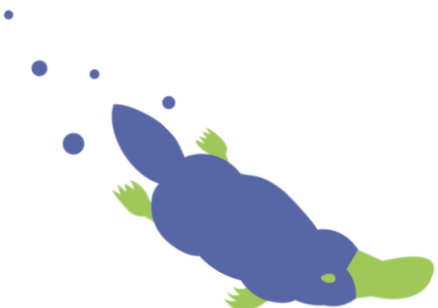
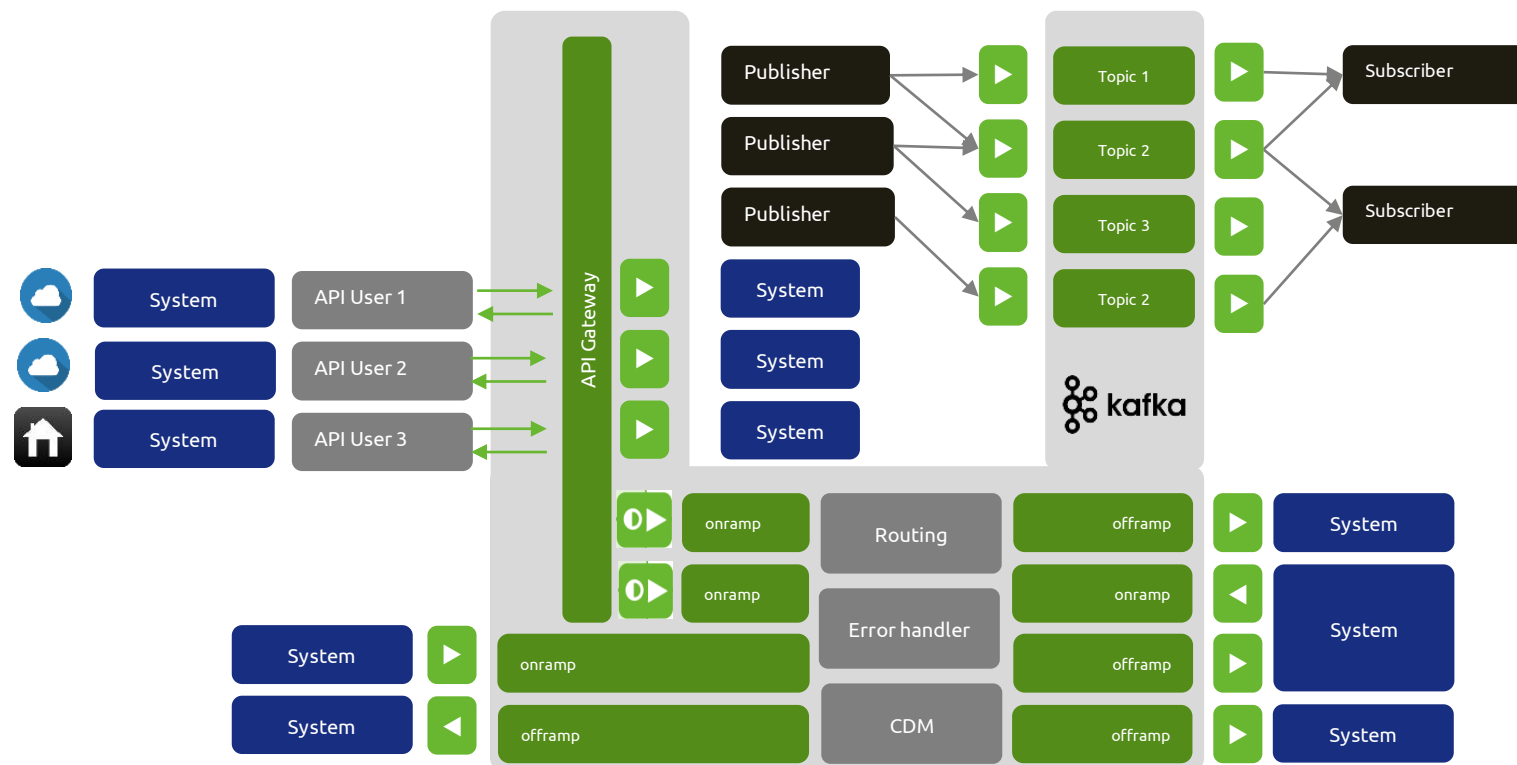


Streaming



Hybride in eMagiz

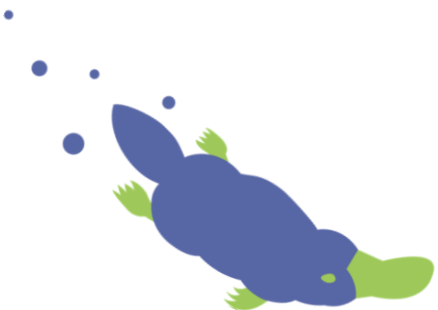
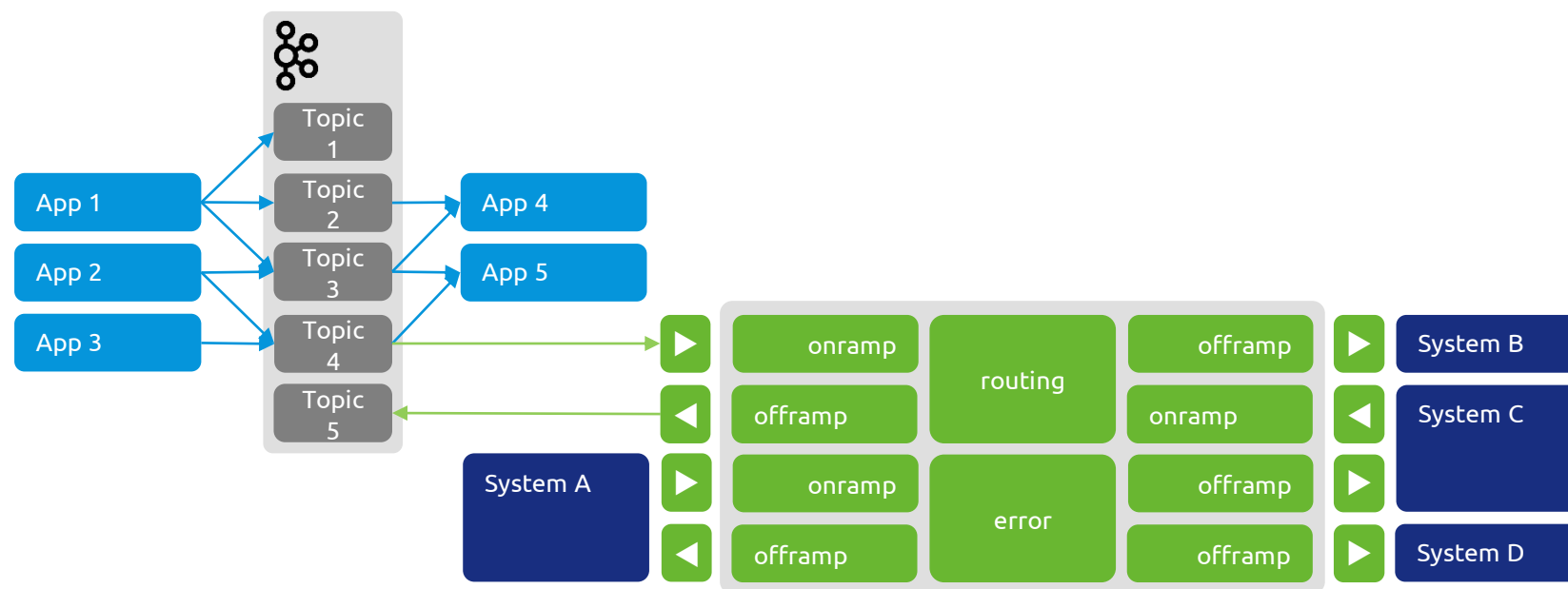
Overzicht in een hybride landschap



Hybride in eMagiz

Verschillende met elkaar

- Combinaties Batch met MSG
- Combinaties API met MGS
- Combinatie MSG met PubSub

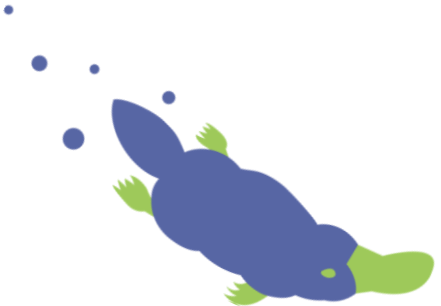


Data in transit <> Data at rest (Addon)

Data transport

Tijdelijke opslag

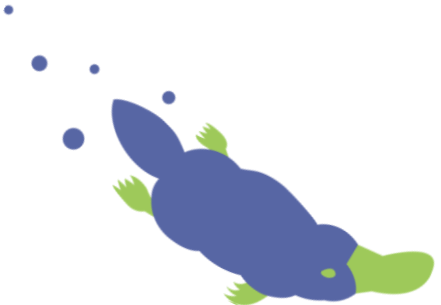
Langdurige opslag



PostNL eCustoms

- Onderdeel van CBS
- Douane afhandeling

- Integratie landschap met 250+ flows
 - Maatwerk mendix apps
 - Douane software



PostNL eCustoms

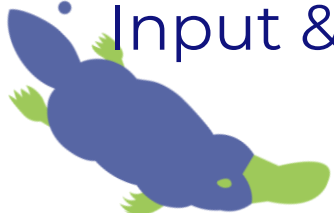
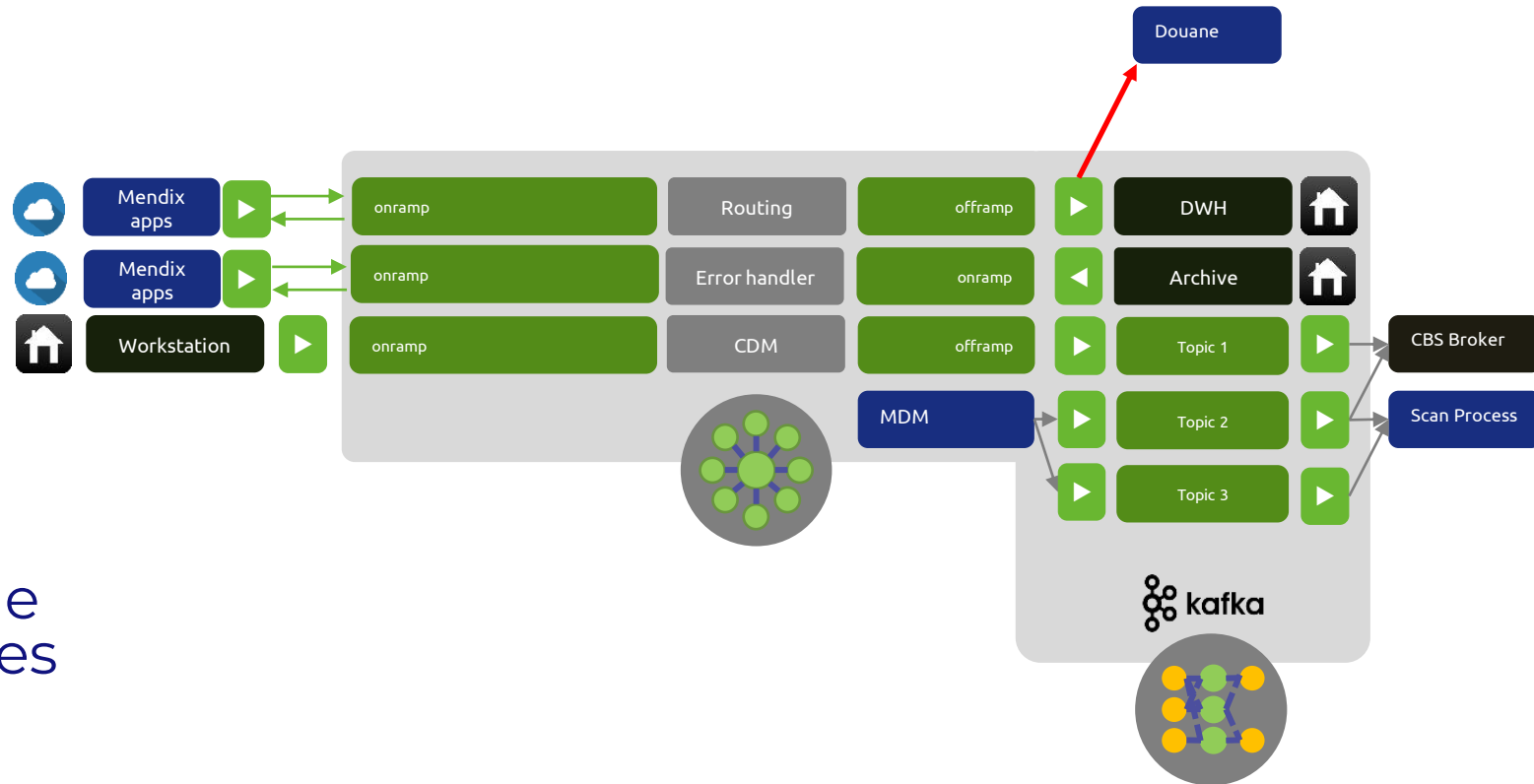
Implementatie van:

- Messaging
- Event Streaming
- Data sinks
- Maatwerk VPN extensie

Combinatie van asynchrone maatwerk systemintegraties

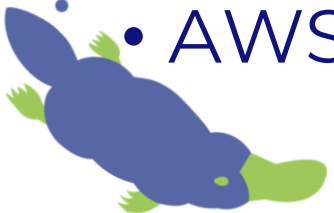
Output verspreid met Pub-Sub events

Input & output tracing met data sinking



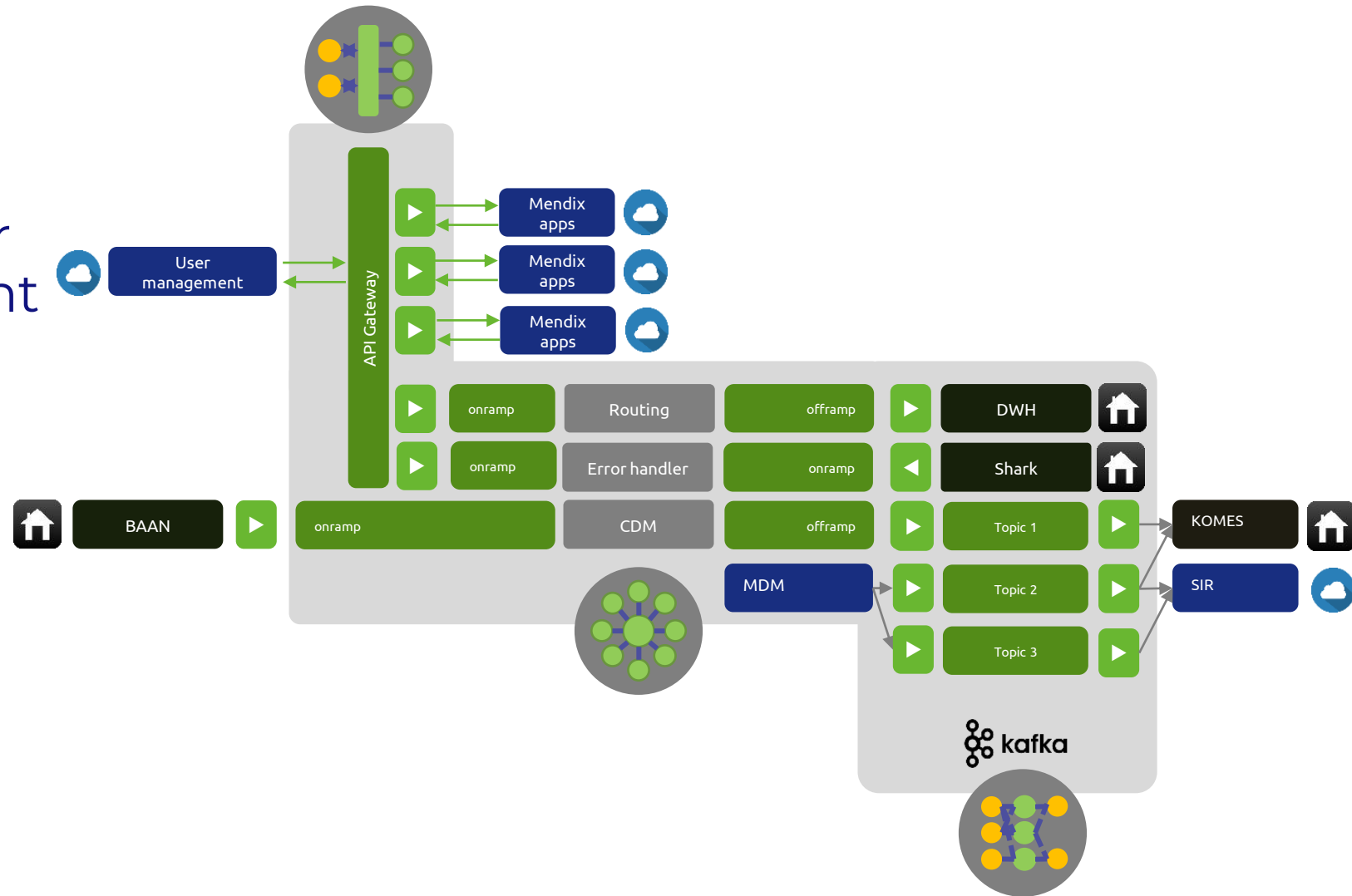
Komatsu

- Producent bouwmachines
- Opgericht in 1921 in Japan
- Komatsu Europe opererend vanuit België, Vilvoorde
- eMagiz klant sinds 2019
- Integratie landschap met 130 flows
 - BAAN
 - Mendix apps
- AWS Direct Connect



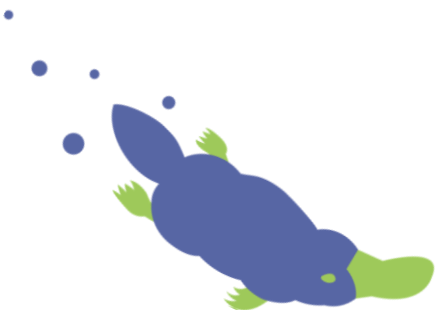
Komatsu - KOMES

- KOMES project
 - API Gateway voor User Management
 - Event-Streaming voor Pub-Sub Master data management

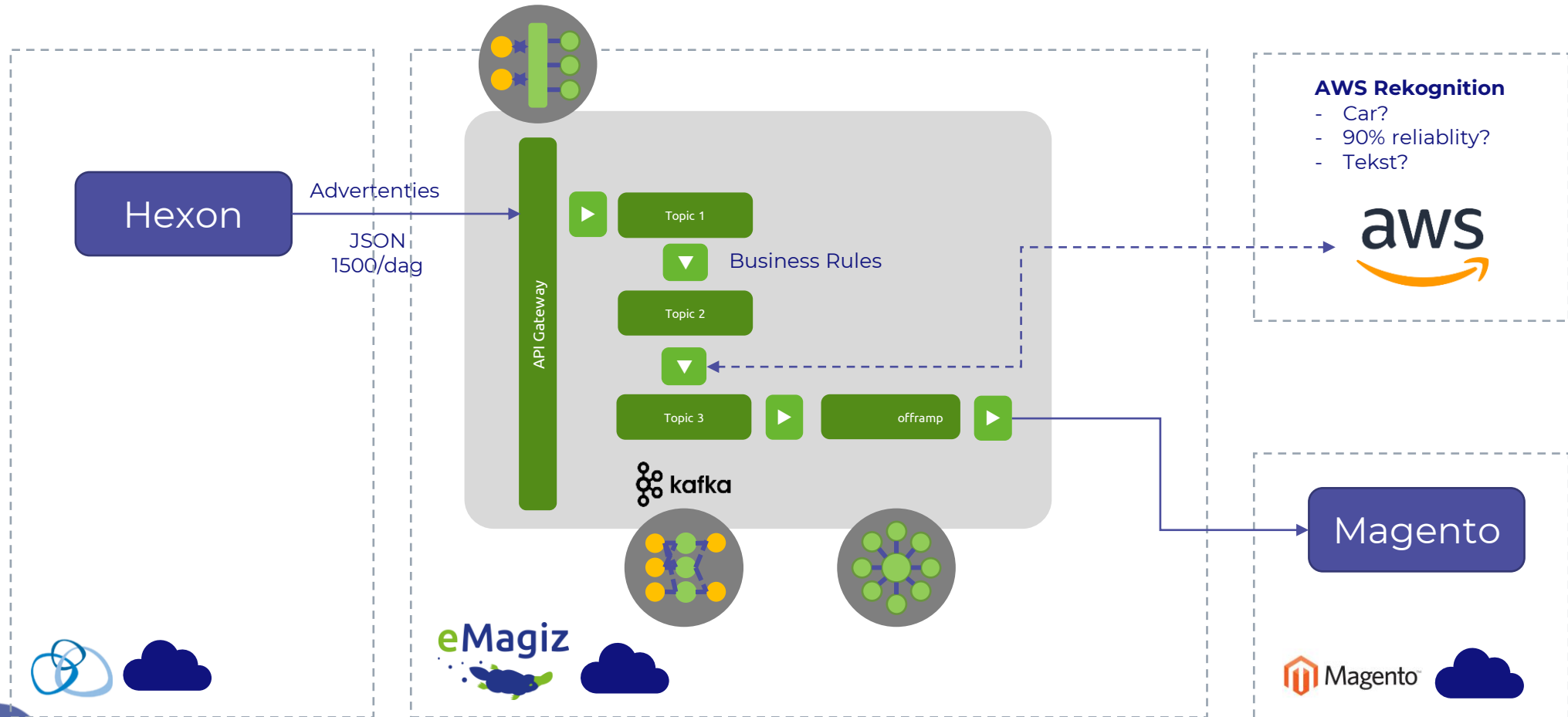


FinancialLease.nl

- Marktleider op het gebied van financial lease, met een ruime voorraad nieuwe en jong gebruikte auto's.
- Streven om iedere ondernemer de beste Financial lease oplossing te bieden voor hun organisatie.

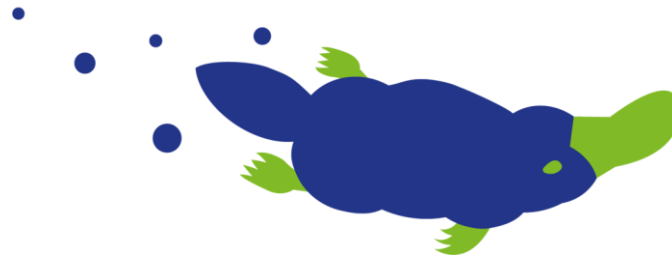


Financial lease - Hexon



**Bedankt voor uw
aandacht!**

Vragen?



www.emagiz.com