

Breakout: Roadmap van eMagiz



Agenda

- General principles
- Overview roadmap
- Product insights



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Design principles eMagiz

Platform focus

- Uniform user experience
- Limit need for external tools

Lean towards Citizen Integrators

- Hide complexity
- Low code focus

Enable CI/CD

- Relentless Testing
- No Ops



Roadmap eMagiz

Technology

- On-demand infrastructure
- Monitoring & Alerting stack

Add-ons

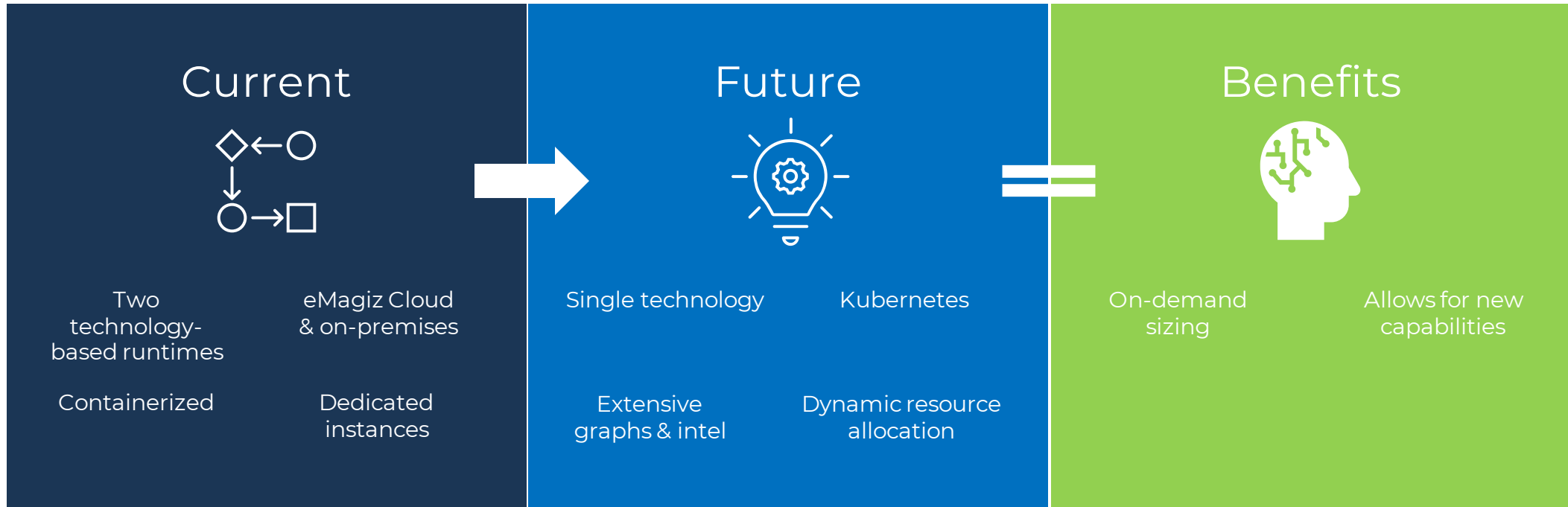
- State Generation
- (Data Sink)
- (Resend failed messages)

Features

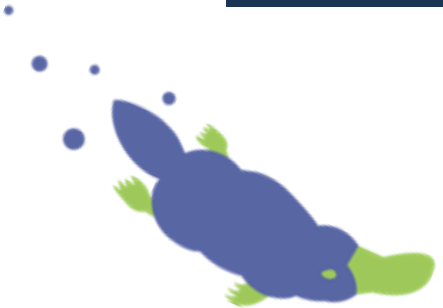
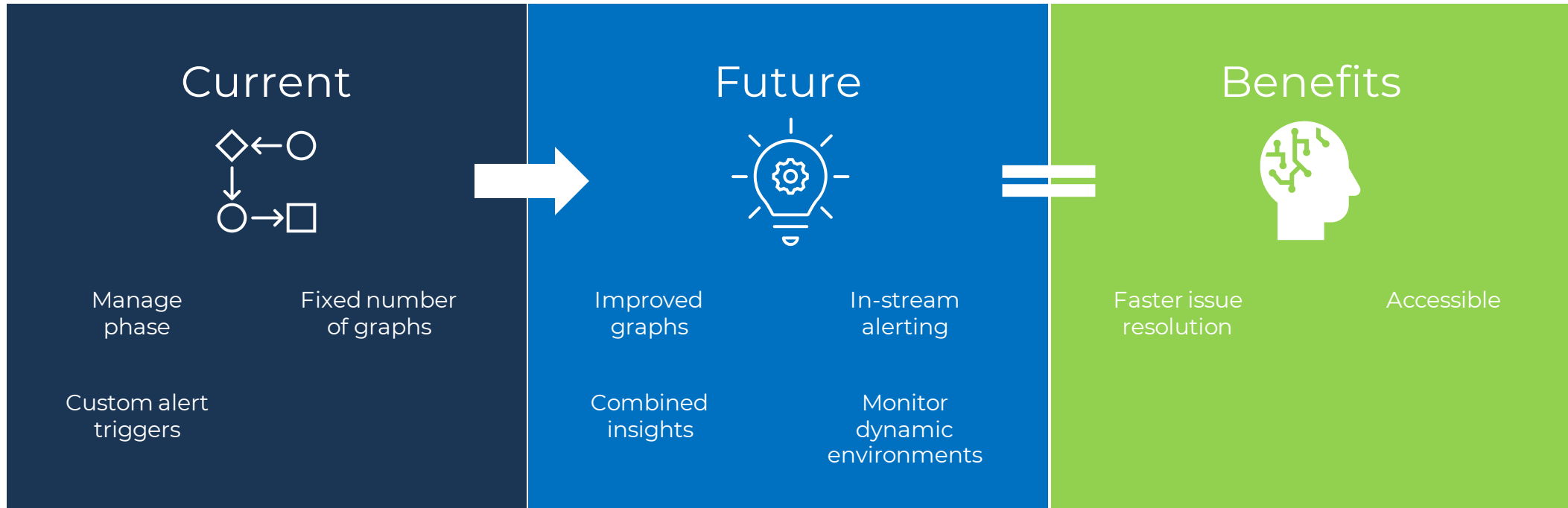
- eMagiz Store
- Data models
- Testing
- (MQTT)
- (Flow Designer)



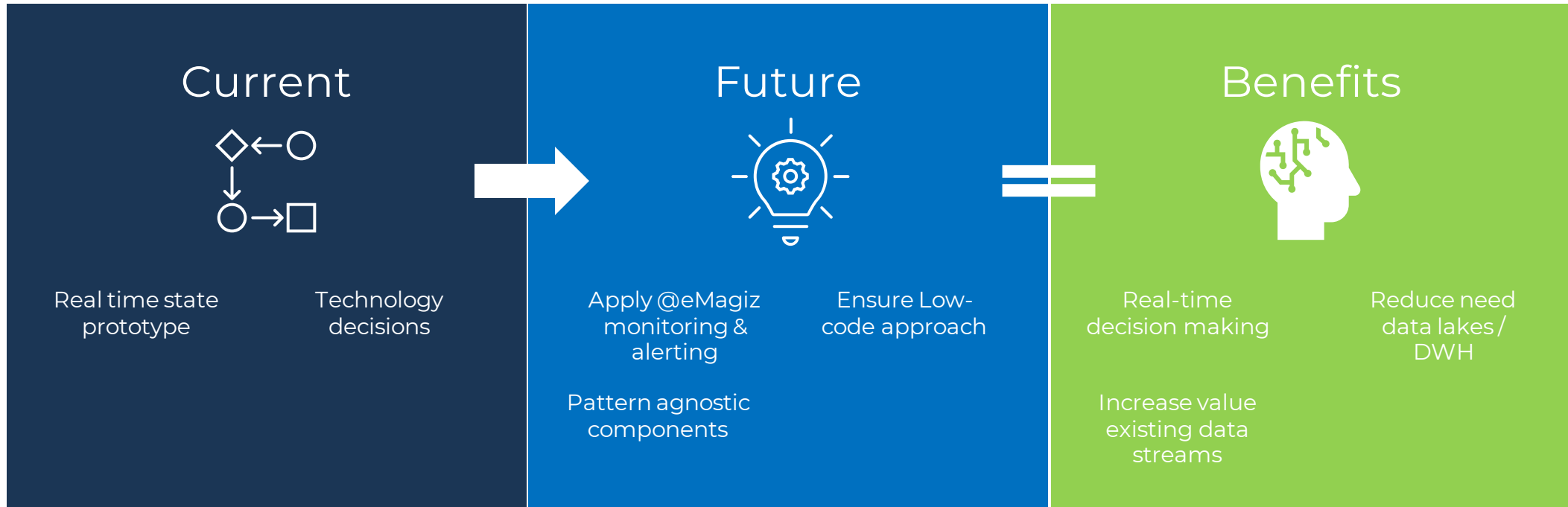
On-demand infrastructure



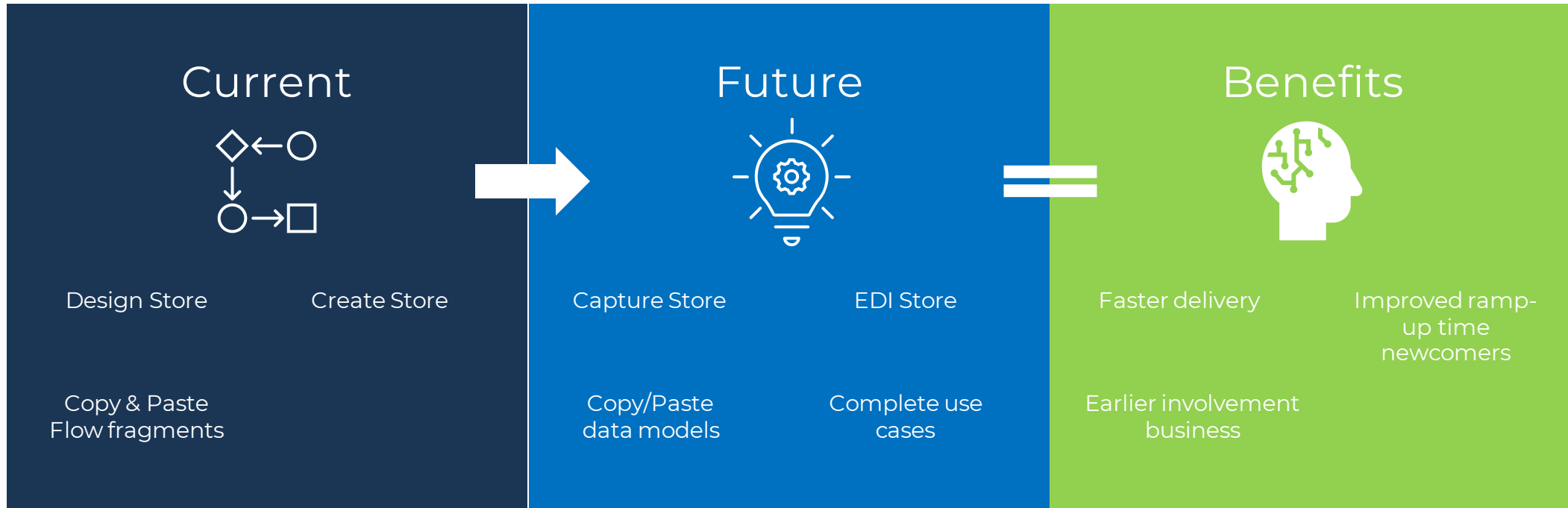
Monitoring & Alerting stack



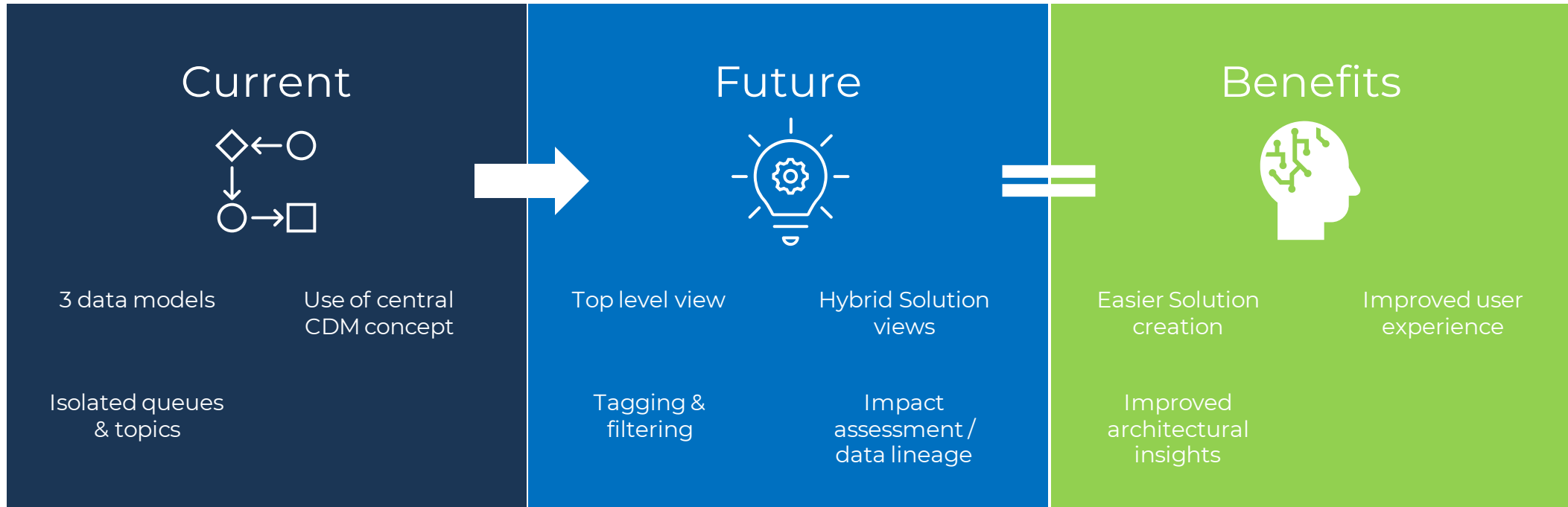
State Generation



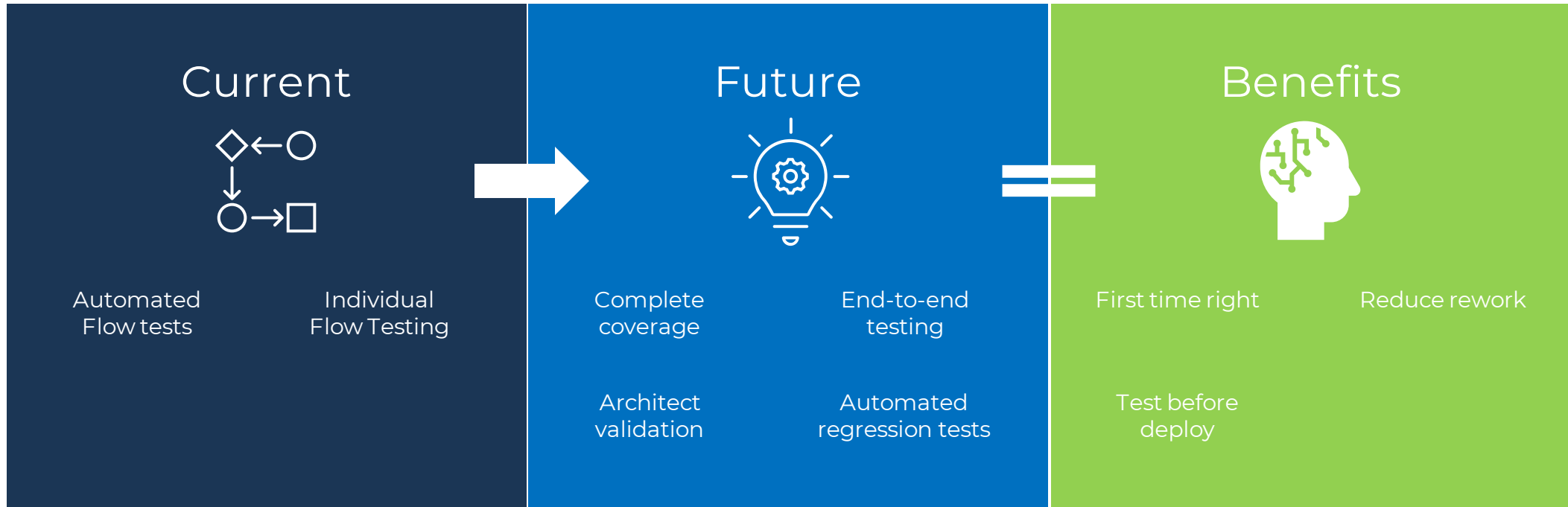
eMagiz Store



Hybrid data models



Testing





Product Insights

New infrastructure remarks

Developer benefits

- Always latest build numbers
- Simplified Deploy phase
 - Runtime dashboard no longer needed
- Think in containers (or microservices) – not in flows
- Reduce downtime for deployments

Developer consequences

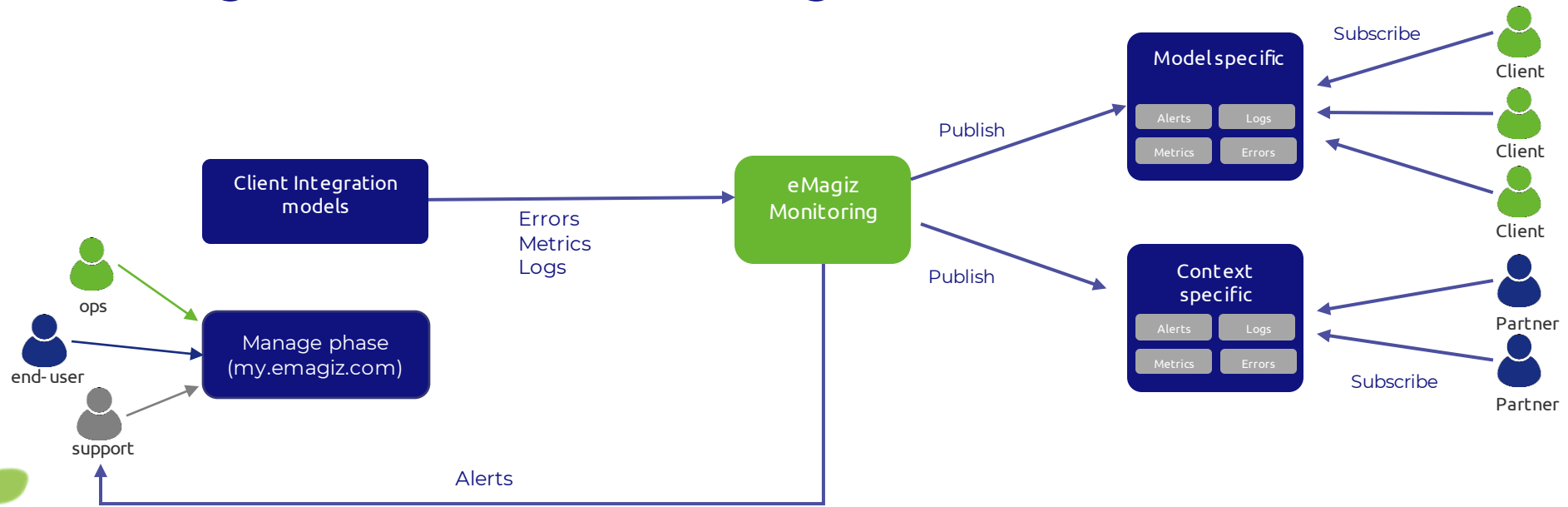
- Service level vs. flow level
 - Deployment
 - Property management
 - Alternative runtime dashboard required
- Simplified deployment plan



Monitoring & Alerting stack

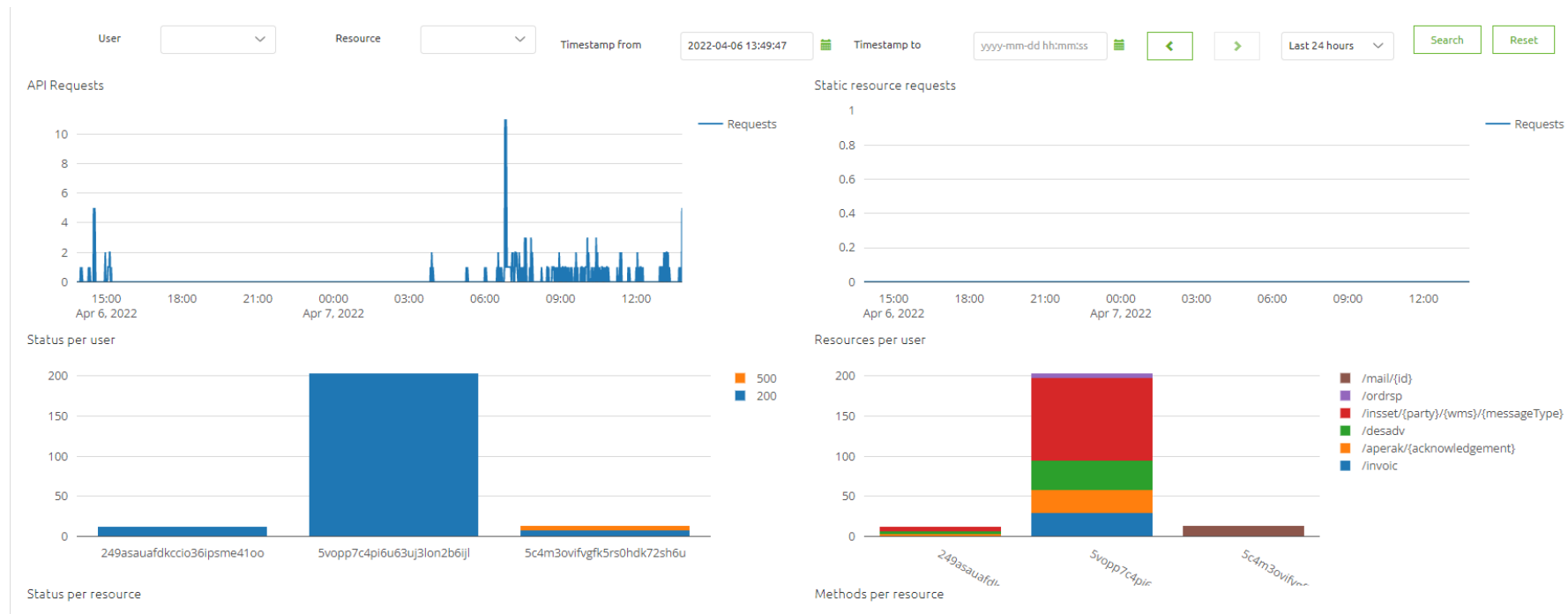
- **Key reasons for update**

- Improved monitoring
- Additional monitoring
- Introduce capability to provide to external requestors
- Monitoring for on-demand sizing



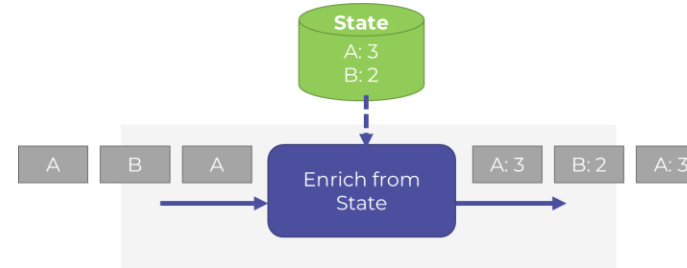
Manage phase Graphs

- Create self-explanatory graphs for end-users
 - Example API requests

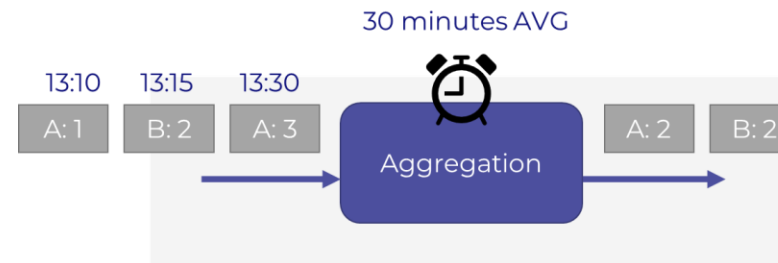


Capability State Generation

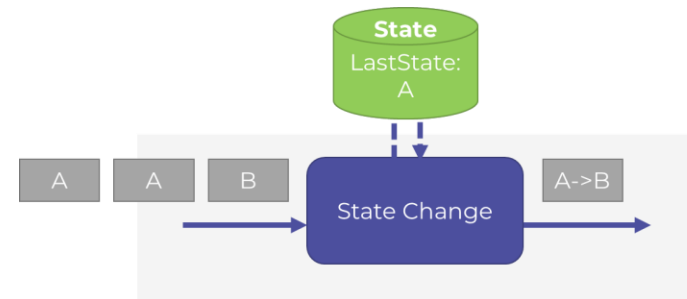
- ENRICH



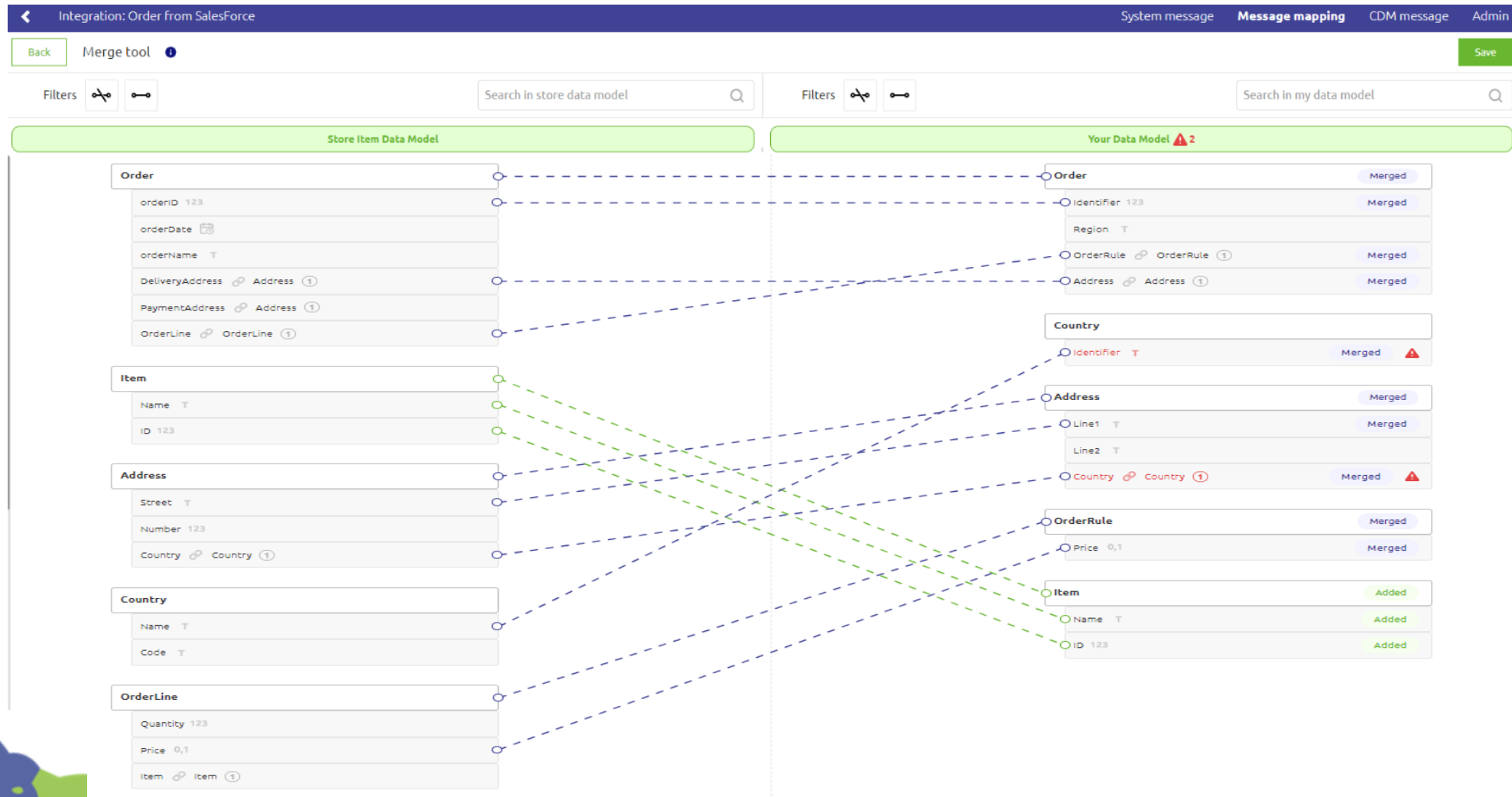
- AGGREGATE



- DETECT CHANGE

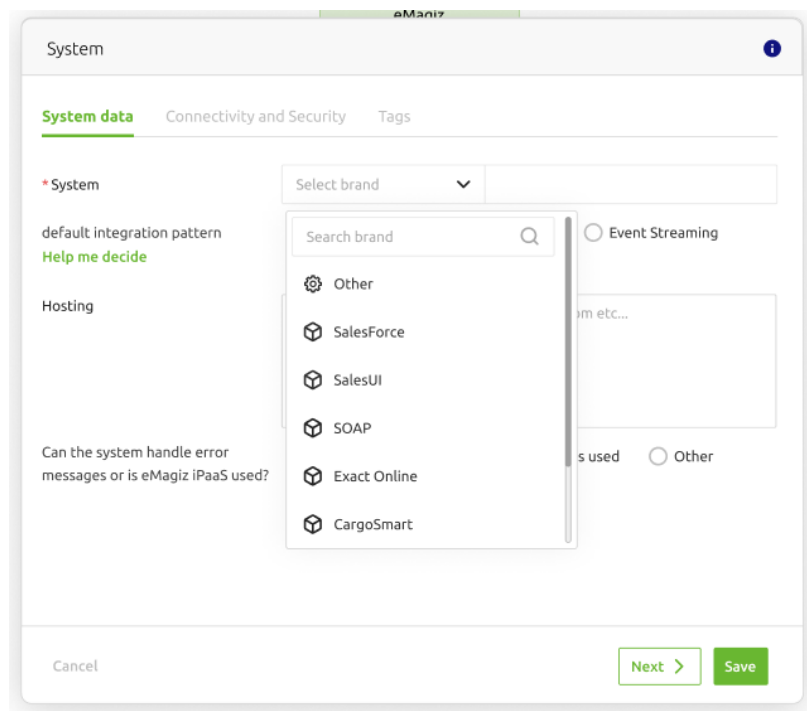


eMagiz Store – Merge widget



eMagiz Store – Vision on Capture

- **Objective: shift-left in integration configuration**
 - Connect Capture more closely to Design & Create
 - Closed questions – discover Store items early
 - Deduct alerting triggers for the Manage phase



System

System data Connectivity and Security Tags

*System

Select brand

Search brand

Event Streaming

Other

SalesForce

SalesUI

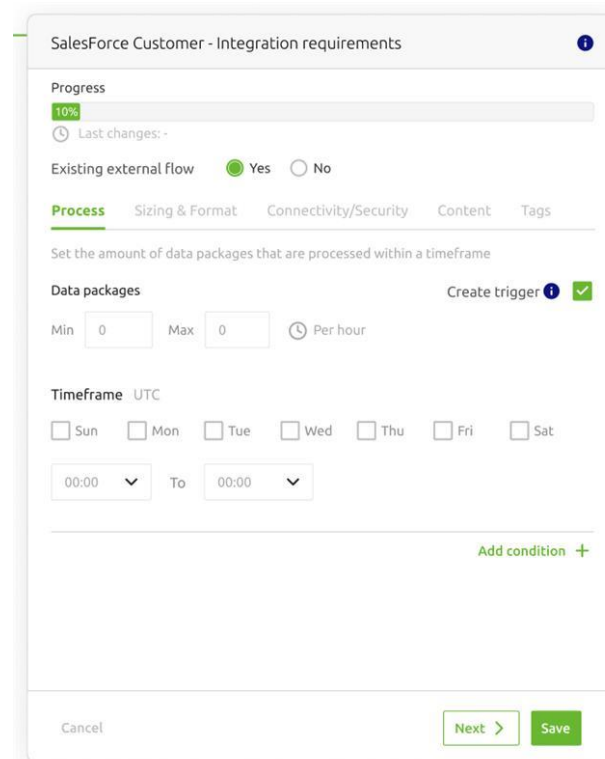
SOAP

Exact Online

CargoSmart

Can the system handle error messages or is eMagiz iPaaS used?

Cancel Next > Save



SalesForce Customer - Integration requirements

Progress 10%

Last changes: -

Existing external flow Yes No

Process Sizing & Format Connectivity/Security Content Tags

Set the amount of data packages that are processed within a timeframe

Data packages Create trigger

Min 0 Max 0 Per hour

Timeframe UTC

Sun Mon Tue Wed Thu Fri Sat

00:00 To 00:00

Add condition +

Cancel Next > Save



eMagiz Store – Flow Designer 3.0

The screenshot displays the eMagiz Store Flow Designer 3.0 interface. The top navigation bar includes 'ExampleProject', 'Capture', 'Design', 'Create', 'Deploy', and 'Manage'. The main workspace shows a flow design with components like 'Send.archive', 'transform.jdbc-c-to-xml', and 'Send.bus'. A left sidebar contains a 'Components' palette with categories such as 'Inbound channel adapters', 'Outbound channel adapters', 'Transformers', 'Splitters', 'Filter', 'routers', 'Service Activators', and 'Support object'. A right sidebar shows 'Resources' and 'Unused resources' lists. The interface is titled 'Entry connector for 'invoice' messages from 'invoicing system' (0.0.0*)' and 'Flow designer'.

Components

- Inbound channel adapters
- Inbound gateways
- Outbound channel adapters
- Outbound Gateways
- Transformers
- Splitters
- Filter
- routers
- Service Activators
- Support object

Flow Design

- Send.archive
- transform.jdbc-c-to-xml
- Send.bus
- Activate.bus-entry-bridge
- transform.source-to-cdm
- send.file-archive
- receive.cleann-p-archive
- activate.cleann-archive

Resources

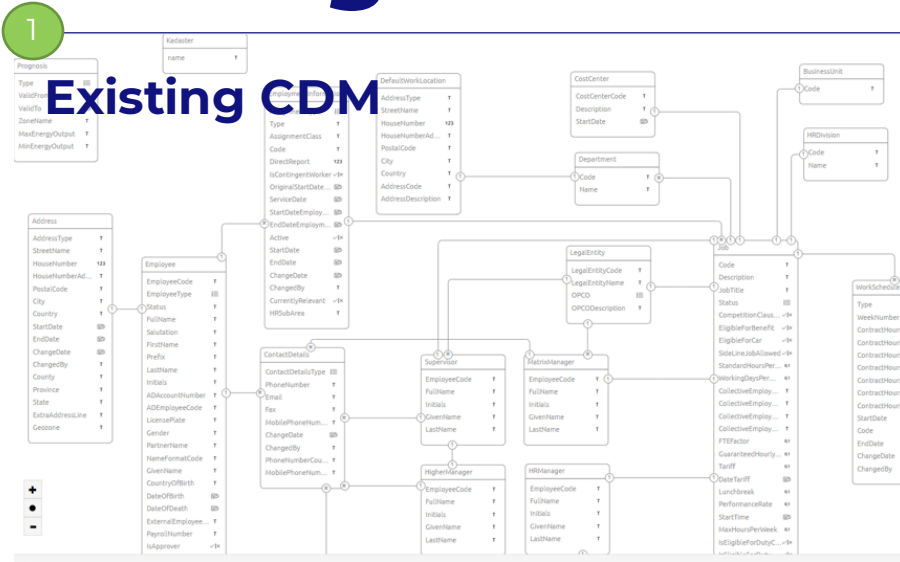
- gateway-operation-getddrss-to-s1-response
- demo151-client-keystore
- swaggerUI-documentation
- cdm-bonus
- demo151-client-keystore
- swaggerUI-documentation

Unused resources

- test-client-truststore
- emagiz-xml-schemas

Start editing | Configure test | Secondary

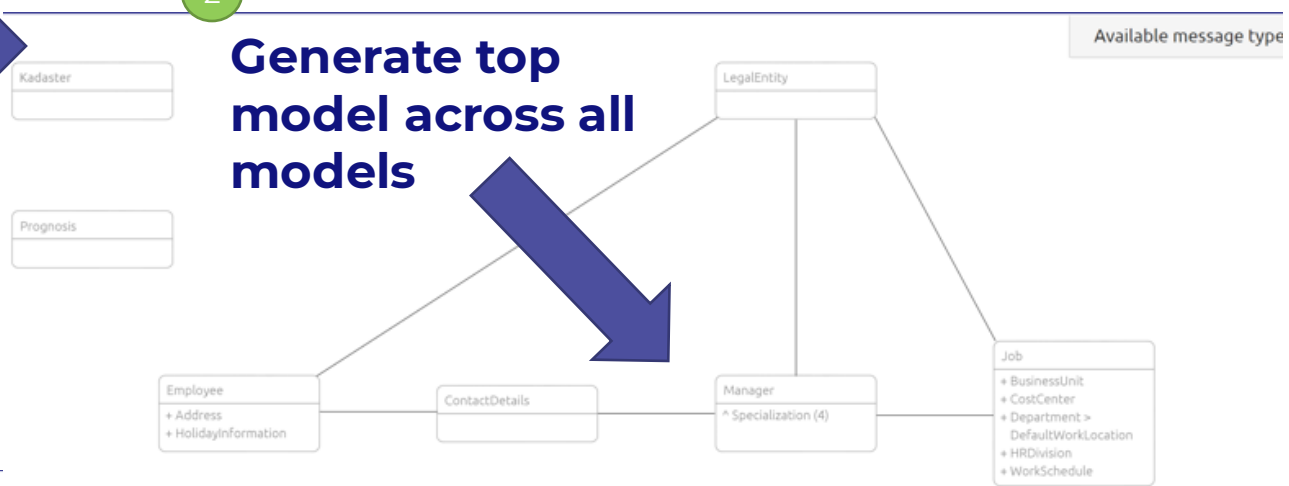
eMagiz Data Models – Vision



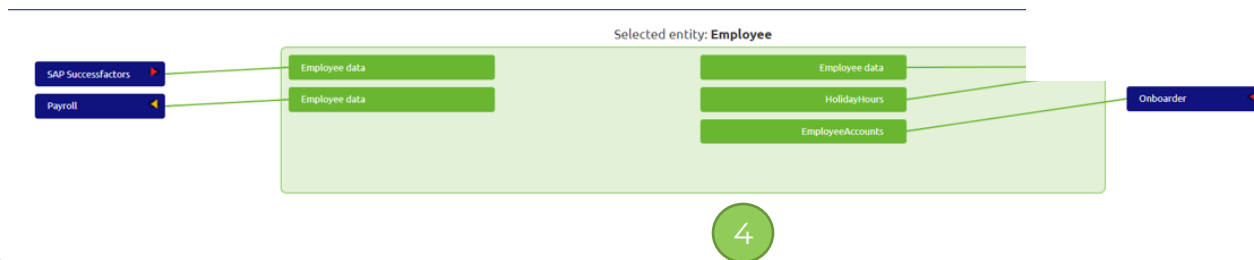
Results	
CDM	Address [Entity]: AddressType, StreetName, HouseNumber, HouseNumberAddition, PostalCode, ...
Design (current)	Address [Integration]: GET Address SalesForce to eMagiz eMagiz to Address Validator
Design (current)	Address Validator [System]: ddrssvf
Capture	External Address Validator [System]
Create	Address Validator [System]: ddrssvf
Create	GET Address [API]

2

Generate top model across all models



Data lineage



TOP MSG API EVS

3

Toggle between models

4



Testing – Vision end-to-end testing

The screenshot displays a testing tool interface for 'ExampleProject'. The main area shows a flow diagram with several green rectangular nodes connected by arrows, representing a test scenario. A red error icon is visible on one of the nodes. To the right, a 'Multiple flow test' configuration panel is open, showing a list of steps: 'Starting point', 'Input definition', 'Select flows', 'End point', and 'Output definition'. The 'Output definition' step is currently selected and shows options to 'Select output definition', 'Generate new output definition', or view a 'Generated output definition'. Below the flow diagram, a 'Test result' section shows a failed execution on 2022-03-01 at 11:45:49. The 'Results' tab is active, displaying a comparison between the 'Expected message' (1 x) and the 'Actual message' (1 [{"ID": "3XZHvQRg"}]). At the bottom left, there is a blue and green cartoon turtle logo.

ExampleProject

Multiple flow test

< Back Add test scenario
Untitled

- ✓ Starting point Change
- ✓ Input definition Change
- ✓ Select flows Change
- ✓ End point Change
- 5 Output definition
You can skip this step and run the test if there is no output definition
Select output definition
or
Generate new output definition
Generated output definition

Run test

Save test scenario

Help Export to PNG

Test result

Test executions

Failed 2022-03-01 11:45:49

Results Traces Logs

Expected message

1	x
---	---

Actual message

1	[{"ID": "3XZHvQRg"}]
---	----------------------

Cancel

Thanks for your attention



www.emagiz.com