

CAMUNDACON [Day 2]

Welcome & Keynote

- **Bernd Ruecker, Co-Founder, Chief Technologist**
- **Daniel Meyer, CTO**
- **Bastian Koerber, Principal Product Manager**

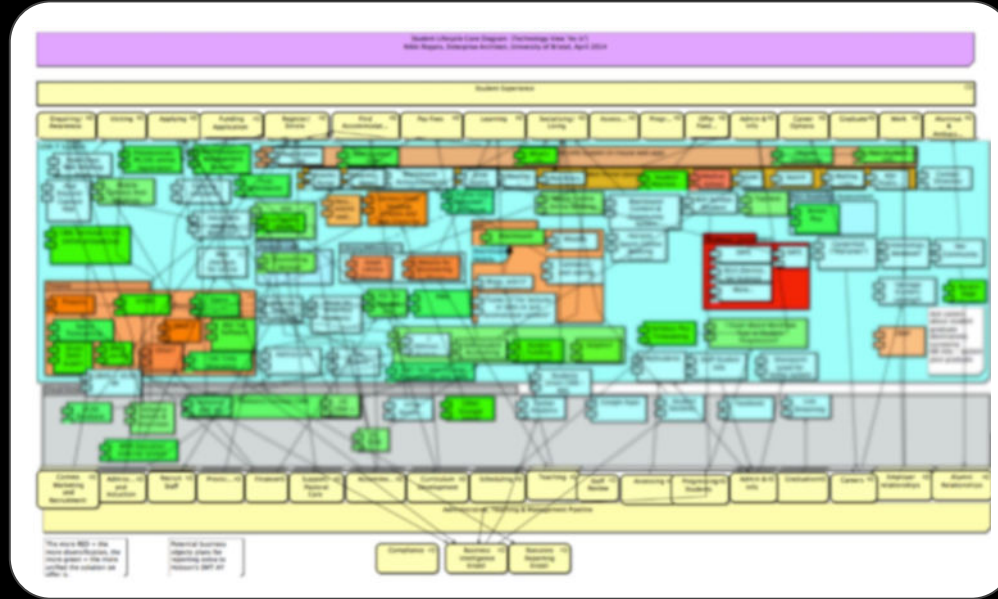
New York, NY | October 2024

“Spaghetti” architecture

Grown over
time

Brittle

Lack of
visibility
into
end-to-end
processes

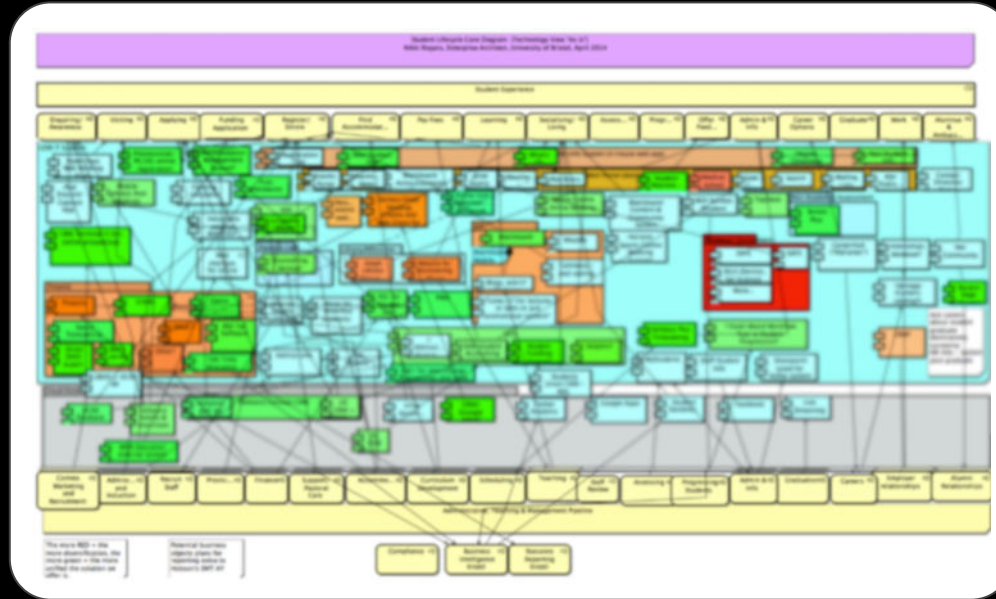


→ Hard to
innovate
and
transform

...but, you *need* to innovate and transform



Pressure to
innovate quickly



Pressure to
transform and
future-proof



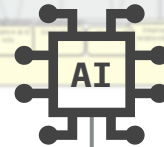
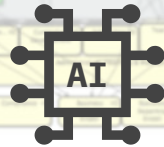
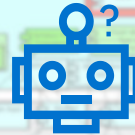
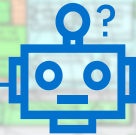
“Quick wins” become technical debt



Point solutions



Automations



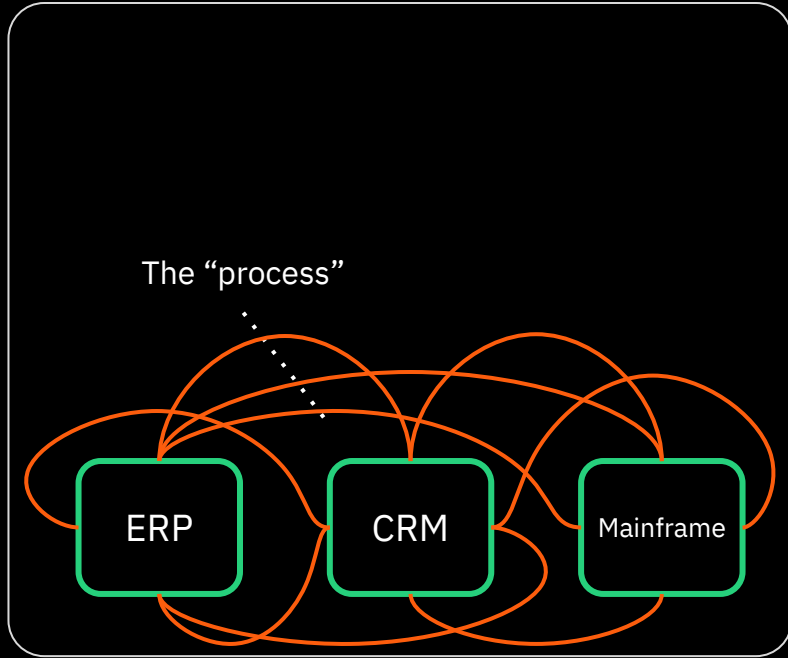
And now, also “Point Agents”

€\$

More silos + technical debt!

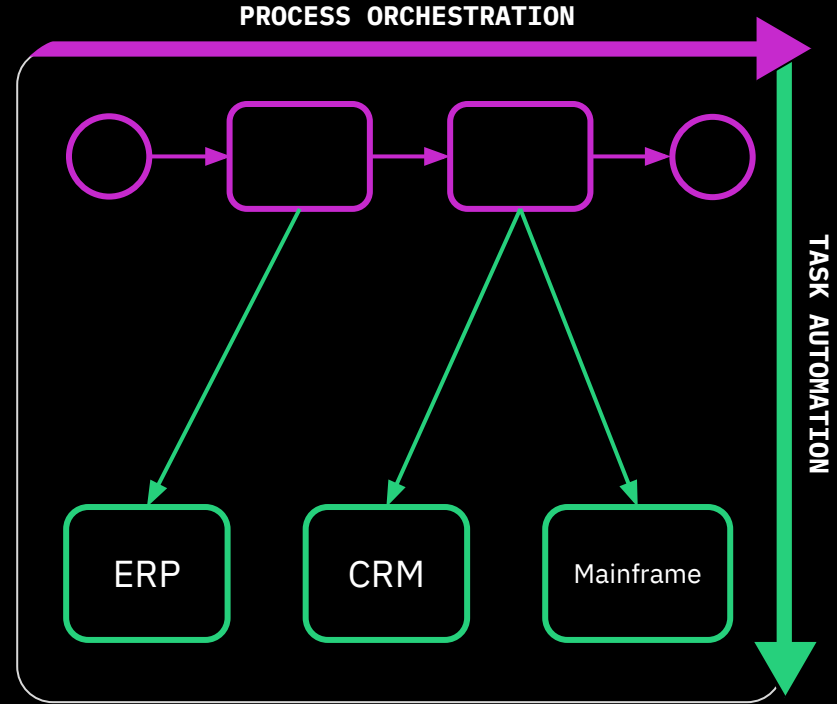
=

From hard-wired to orchestrated...



Hard-wired spaghetti process

EXTERNALIZE
THE PROCESS



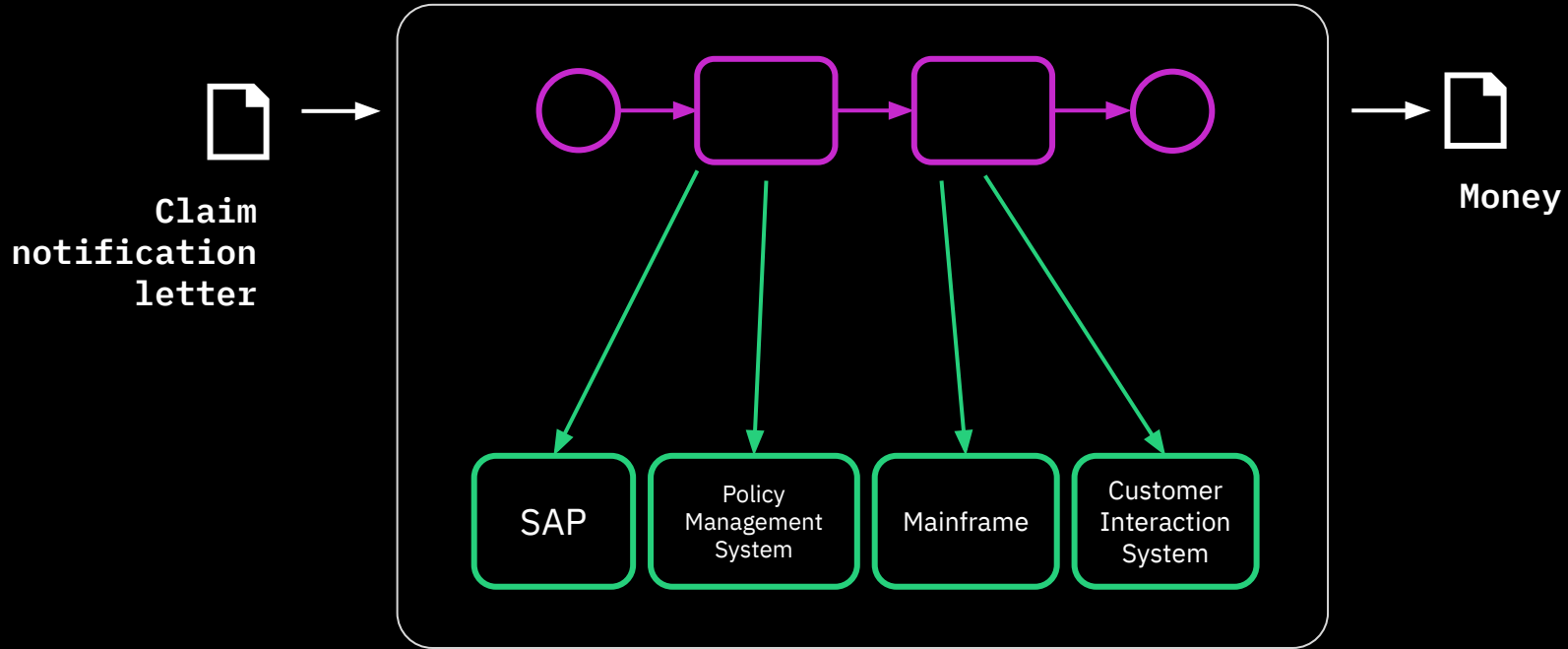
Orchestrated processes

Example

Example: Claim handling



Example: Claim handling



Live demo



Intelligent document processing (IDP)



System Prompt

Import / Export Prompts

You will receive extracted text from a PDF document. This text will be between the <DOCUMENT_TEXT> tags. Your task is to extract certain variables from the text. The description how to extract the variables is between the <EXTRACTION> tags. Every variable is represented by a <VAR> tag. Every variable has a name, which is represented by the <NAME> tag, as well as instructions which data to extract, which is represented by the <PROMPT> tag.

Respond in JSON format, without any preamble. Example response:

date

typeOfClaim

policyNumber

customerInformation

claimValue

additionalInformation

Variable Name

additionalInformation

Prompt

summarize the claim

Remove Variable

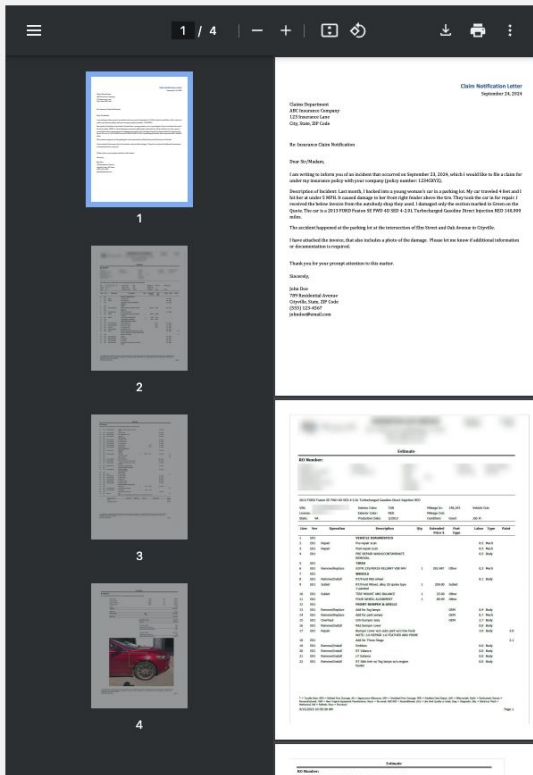
Add Variable

Remove all Variables

Extract Data

Claude 3.5 Sonnet

Temperature



Extracted PDF Text

Claim Notification Letter September 24, 2024 Claims Department ABC Insurance Company 123 Insurance Lane City, State, ZIP Code Re: Insurance Claim Notification Dear Sir/Madam, I am writing to inform you of an incident that occurred on September 23, 2024, which I would like to file a claim for under my insurance policy with your company (policy number: 12345XYZ). Description of Incident: Last month, I backed into a young woman's car in a parking lot. My car traveled 4 feet and I hit her at under 5 MPH. It caused damage to her front right fender above the tire. They took the car in for repair. I received the below invoice from the auto body shop they used. I damaged only the section marked in Green on the Quote. The car is a 2013 FORD Fusion SE FWD 4D SED 4 - 2.0L Turbocharged Gasoline Direct Injection RED 140,000 miles. The accident happened at the parking lot at the intersection of Elm Street and Oak Avenue in Cityville. I have attached the invoice, that also includes a photo of the damage. Please let me know if additional information or documentation is required. Thank you for your prompt attention to this matter. Sincerely, John Doe 789 Residential Avenue Cityville, State, ZIP Code (555) 123 - 4567 johndoe@email.com

Current Prototype

Intelligent document processing (IDP)



Create new project

Select project type

Extraction

Define a document type, set up a taxonomy to categorize data, and annotate documents to enable accurate data extraction.

[Learn more about Extraction](#)

Document automation

Use LLMs to automatically sort documents into predefined types for faster and more accurate organization.

[Learn more about document automation](#)

Project details

Name 0/100

The name should reflect the project document type, i.e. Invoice

Extraction method

Choose extraction method

Choose the extraction method based on your document structure

Cancel Create

Modeler Projects Acme Corp.

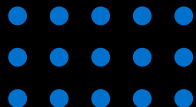
Extraction project name

Upload documents Define taxonomy Extract data Evaluate extractor Publish

Next step: Once you've finished uploading the documents, navigate to the 'Define Taxonomy' tab. You can always return to this tab to manage your documents.

Search document Upload document

Document name	
Monthly_Report_January_2024.docx	Uploading document
Invoice_2024_001.pdf	Uploading document
Invoice_2024_002.pdf	Extract
Monthly_Report_February_2024.docx	Extract
Annual_Summary_2023.xlsx	Extract
Monthly_Report_January_2024.docx	Extract
Invoice_2024_001.pdf	Extract
Invoice_2024_002.pdf	Extract
Monthly_Report_February_2024.docx	Extract
Annual_Summary_2023.xlsx	Extract



Intelligent document processing (IDP)



Modeler Projects Acme Corp.

Projects / Extraction project name

Extraction project description | Extraction method selected

Upload documents Define taxonomy **Extract data** Evaluate extraction Publish

Claude 3.5 Sonnet **Extract document** Example document name 3 of 4 pages 1 of 5 documents

Taxonomy Save as testcase Add field

Invoice number Extracted value

The ID number of the invoice 228111955

Invoice date

The date the invoice was issued 30.07.2024

Invoice vendor name

The name of the company issued the 44 Brekkie Eggdrop F-hain

Invoice amount

Multi line prompt Multiline value

Invoice payment status

What is the payment status of the inv Paid

Acceptance of order / Invoice #228111955

Order details

Customer Yana Segal

Order ID 66a8b9c360b5e9f3127c9e09

Venue 44 Brekkie Eggdrop F-hain

Order type Takeaway

Delivery time 30.07.2024 12:41

Payment method

PayPal 11.00

Item	VAT %	Quantity	Gross unit price	Price
Egg Drop Salmon Avocado	7%	1	11.00	11.00
Total in EUR (incl. VAT)				11.00

Net price VAT Total

10.28 0.72 11.00

VAT 7%

Seller details: Wolf Enterprises Deutschland GmbH
Date and time of issue: 30/07/2024 12:41

Document preview

Change element

id

IDP

- Loan application approval project
Classify and extract loan application docs.
- Invoice extraction project
Extract submitted invoices

Modeler Projects Acme Corp.

Projects / Extraction project name

Extraction project description | Extraction method selected

Upload documents Define taxonomy Extract data **Evaluate extraction** Publish

Search by document name or extraction field Claude 3.5 Sonnet Test all documents

Field	Prompt	Testcase results
Invoice_number	The ID number of the invoice	1 Pass 1 Fail
Vendor_address	The vendor address	3 Pass 1 Fail 2 Error
Extracted values		
123 Elm Street, Apt 45, Springfield, IL 62704, USA	LOANAPP-2024-001	Pass
456 Baker Street, Flat 7, London, W1U 6AX, United Kingdom	APP-123456789	Pass
789 Maple Avenue, Suite 202, Toronto, ON M5A 3A1, Canada	MORTGAGE-APP-2024-10	Pass
101 King Street, Melbourne VIC 3000, Australia	AUTOLOAN-2024-ABC123	Define test case for this document
234 Hauptstraße, 2. OG, 10115 Berlin, Germany	REFINANCE-APP-2024-002	Fail
Field name	Prompt description	5 Pass
Field name	Prompt description	3 Pass 1 Fail 1 Error

100 1 - 100 of 300 items 1 of 10 pages

 PURPLE STAGE

3:45 PM - 4:30 PM

From Data to Action

Unlocking Task Automation: End-to-End Orchestration with Camunda



Bastian Koerber

Principal Product Manager
Camunda



Calvin Robbins

Product Manager
Camunda

SAP Connectors



Generic OData connector
(with worker connecting into your SAP infrastructure)



Specific capability connector
(requires JSON configuration)

SAP-ODATA-CONNECTOR
create credit memo

General

Documentation

Execution listeners +

Template Applied

SAP

BTP destination name *fx*
s4

BTP destination pointing to the SAP System to connect to (e.g. s4h)

OData base service path *fx*
/sap/opu/odata/sap/API_CREDIT_MEMO_REQUEST
absolute base path, e.g. /sap/opu/odata/dmo/case

OData Entity/-Set *fx*
A_CreditMemoRequest

query target (e.g. bike(12)), can also contain navigation properties (e.g. bike(12)/toWheels/toBolts)

HTTP method
POST

read, write, update or delete operation

OData version
V2

what version of the OData protocol the above service uses

Request body *fx*

```
= {  
  "CreditMemoRequestType": "CR",  
  "SalesOrganization": "1710",  
  "DistributionChannel": "10",  
  "OrganizationDivision": "00",  
  "SoldToParty": "17100002",  
  "PurchaseOrderByCustomer":  
  "Created via Camunda SAP Integration",  
  "to_Item": [  
    {  
      "CreditMemoRequestItem":
```

S_4HANA CREDIT MEMO
Task

General

Documentation

Execution listeners +

Template

SAP

BTP destination name *fx*
s4

Customer No. *fx*
=

Credit Memo Value *fx*
=

[Watch on demand]

Bridging the Enterprise Gap: Integrating Camunda and SAP for Efficient Process Orchestration



Tobias Conz

Senior Product Manager
Camunda



Volker Buzek

Senior Consultant
Camunda

Out-of-the-box Connectors

DMN

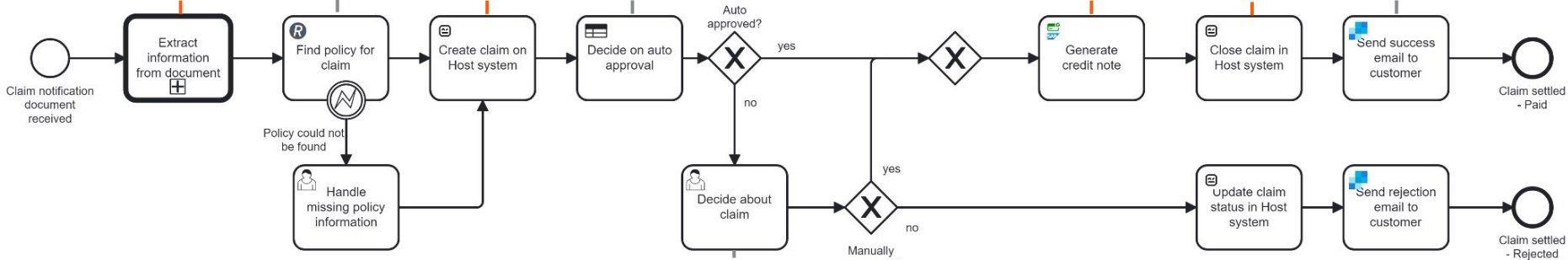
Out-of-the-box Connectors

IDP

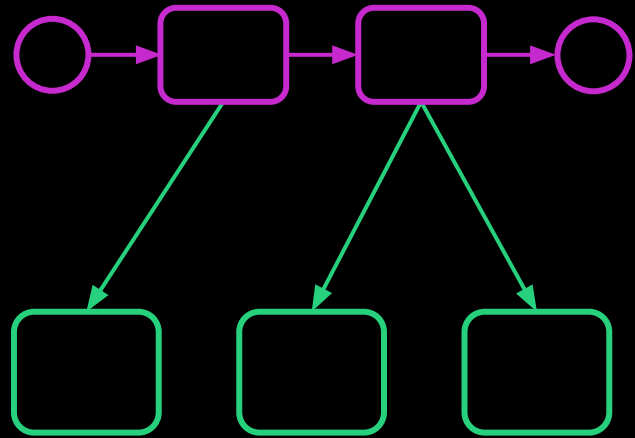
RPA


SAP

RPA



Humans



 MAIN STAGE

2:50 PM - 3:35 PM

Enterprise Process Orchestration: A hands-on guide to strategy, people, and technology



Bernd Ruecker

Co-founder & Chief Technologist
Camunda

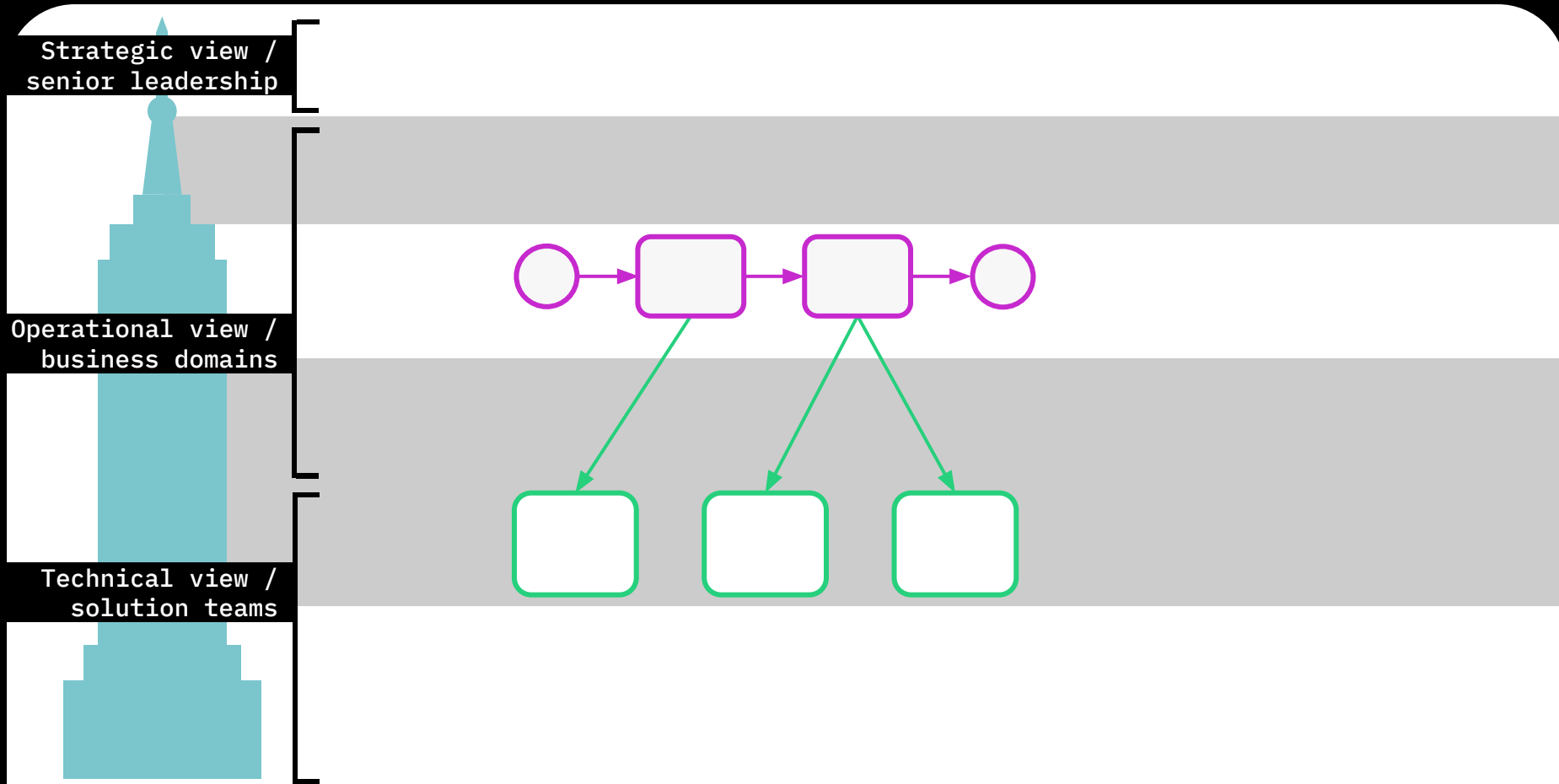


Leon Strauch

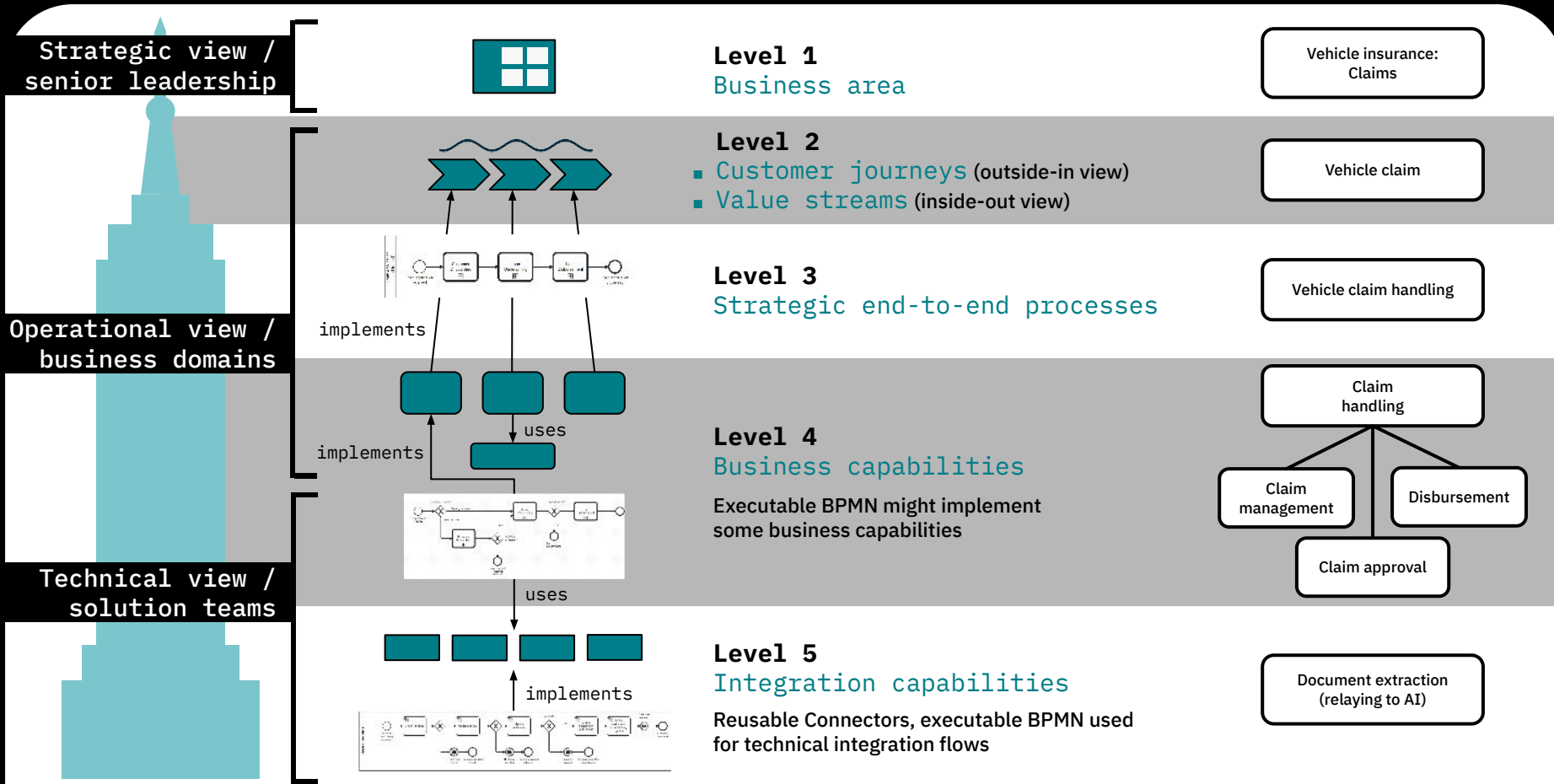
Senior Practice Strategist:
Process Orchestration
Camunda



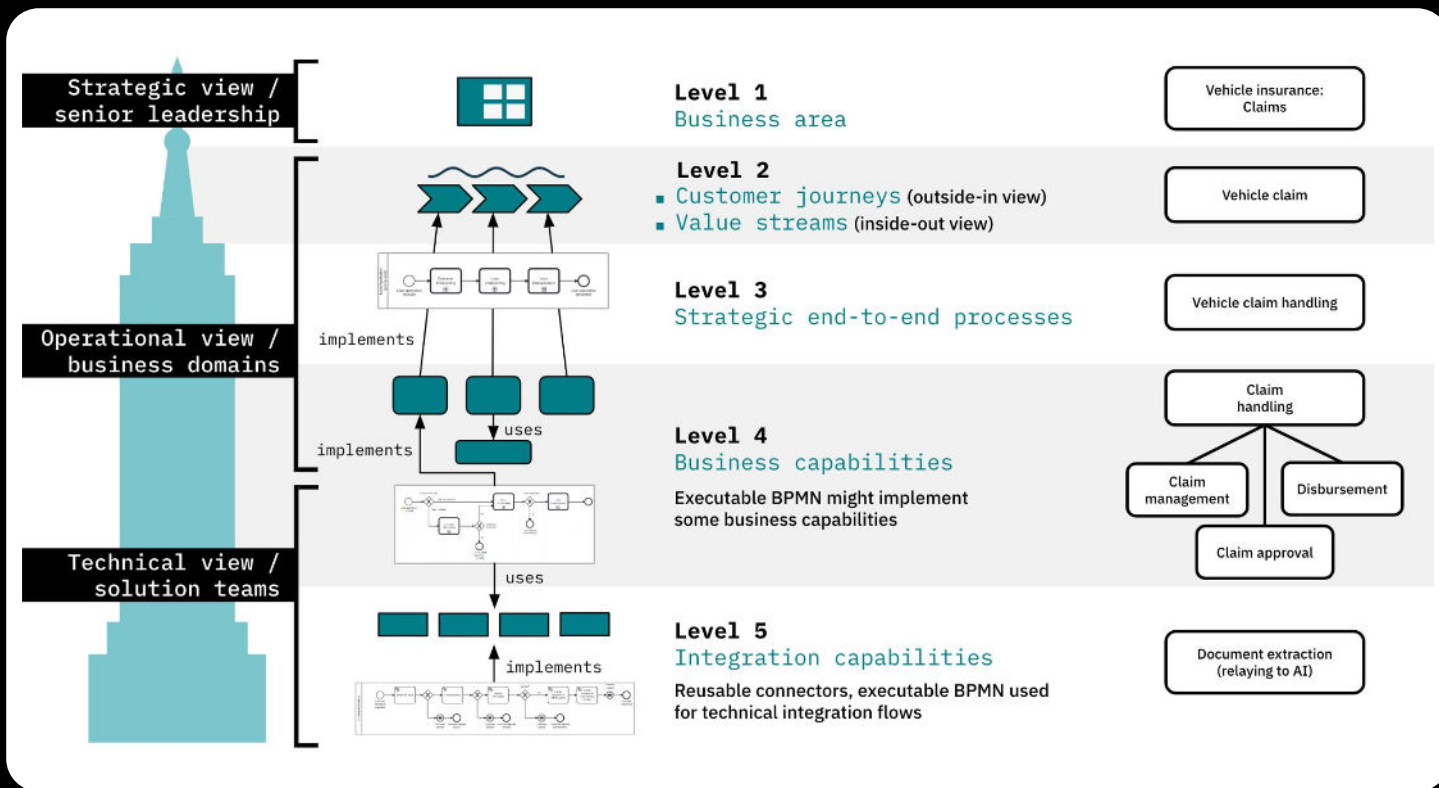
Build strategic value at enterprise scale using process orchestration



Build strategic value at enterprise scale using process orchestration

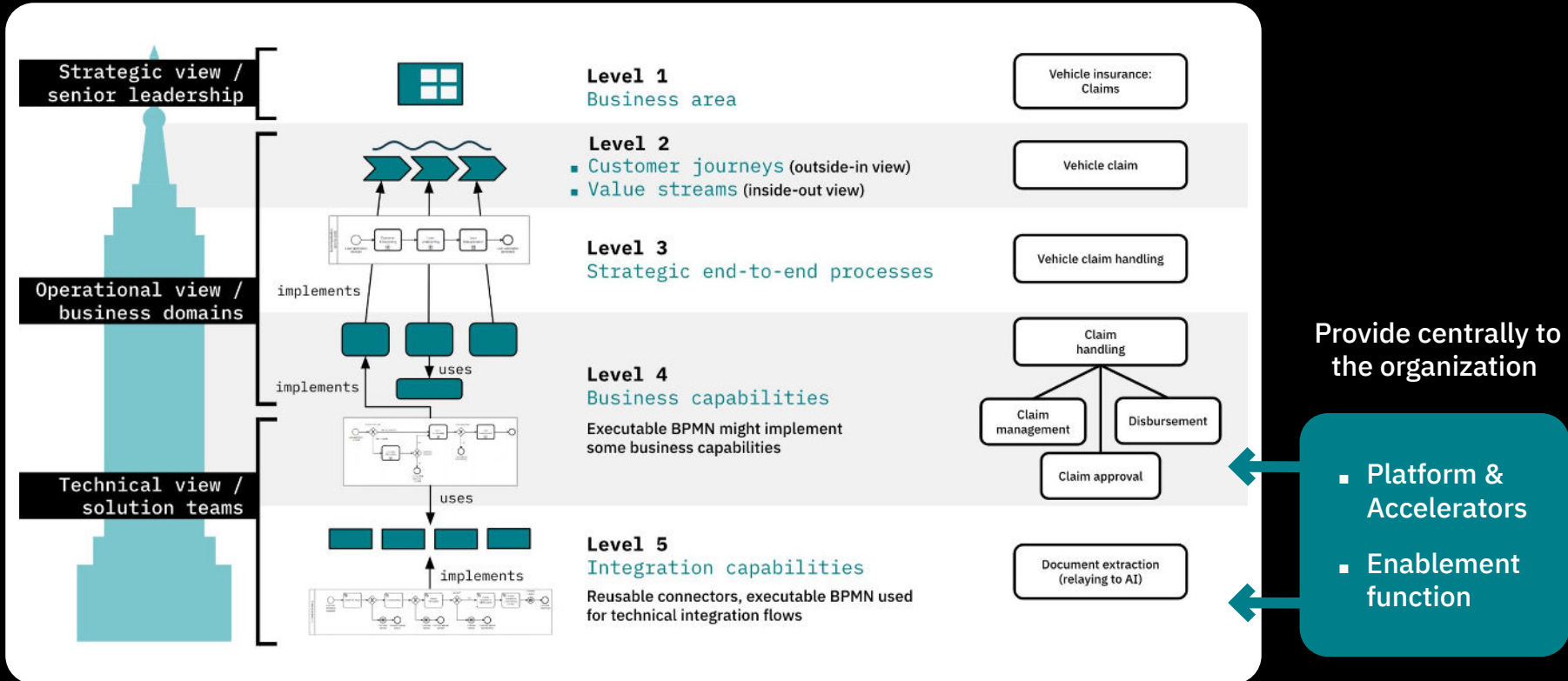


Build strategic value at enterprise scale using process orchestration



Foundation
to innovate
and
to transform

Using process orchestration, build strategic value at enterprise scale



Camunda: The Process Orchestration *and* Automation Platform



Composable



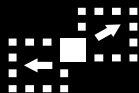
Intelligent



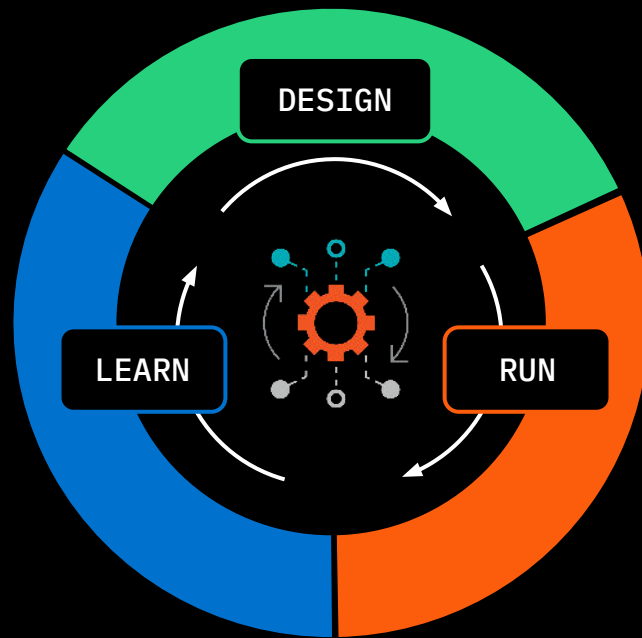
Open



Collaborative



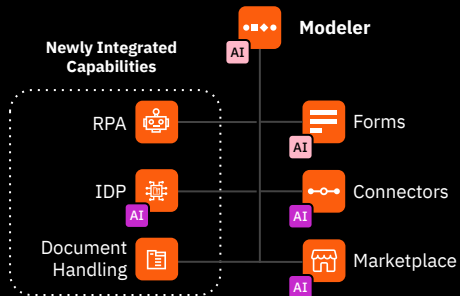
Scalable



Camunda | Process Orchestration & Automation Platform



Design & Implement



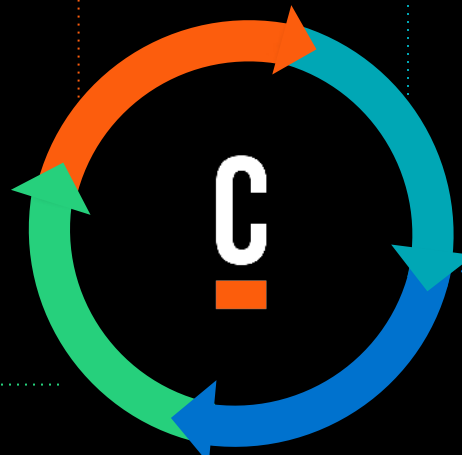
Test & Deploy

Rapid Process Testing

Automate

- Zeebe Workflow & Decision Engine
- Workers
- Operate
- Tasklist

- AI Intelligent Process
- AI Camunda Copilot
- AI Autonomous AI



Improve

Optimize (AI)

Manage

Console

Identity

Composable platform with new capabilities



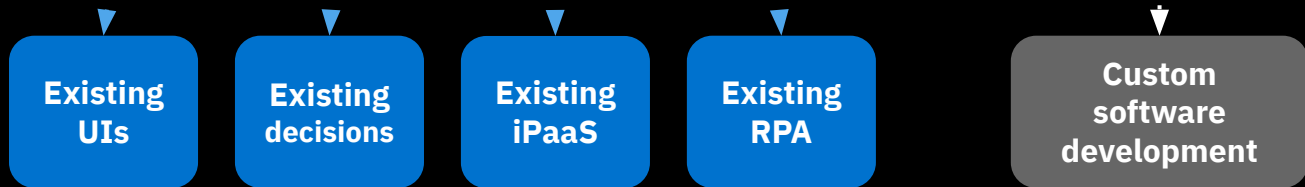
Process orchestration and automation platform

End-to-end **process orchestration**

Out-of-the box **task automation**

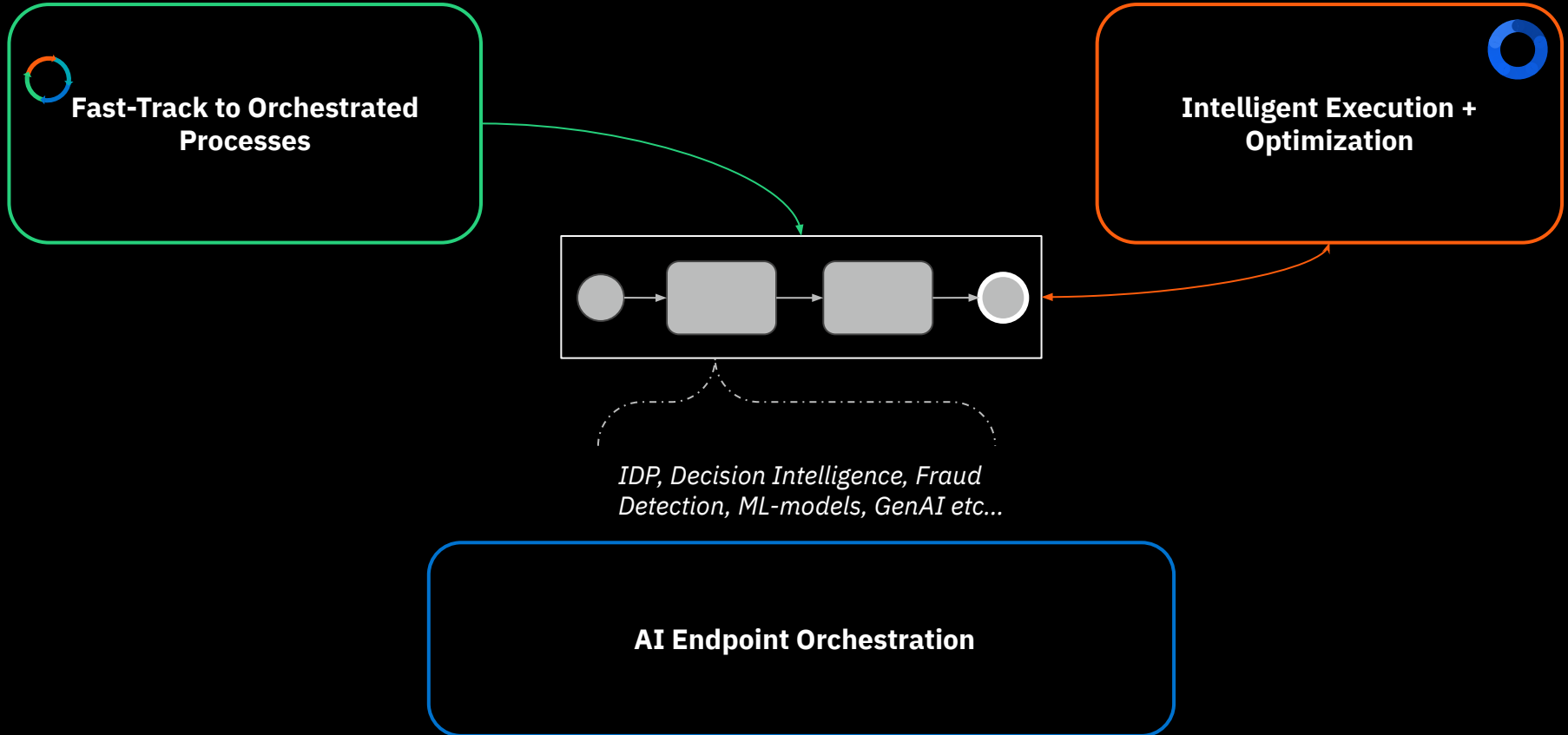


Use out-of-the-box functionality or integrate existing systems where they are a better fit.



New

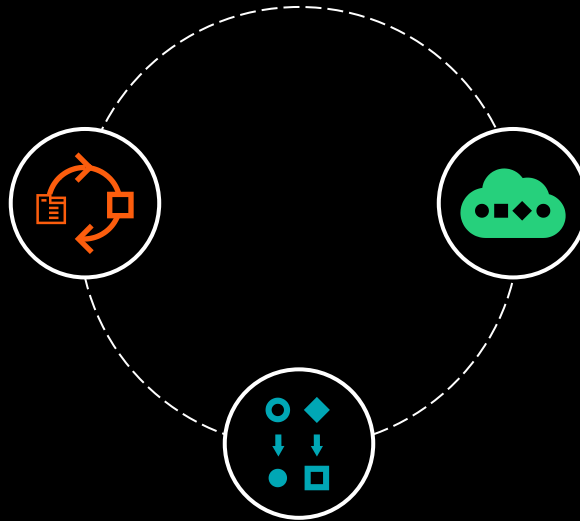
AI-Enhanced Process Orchestration



Use Cases: Camunda Copilot BPMN Chat



Utilize existing
process documentation



Start from scratch
and ideate together

Refactor existing diagrams

Upload BPMN

Download BPMN

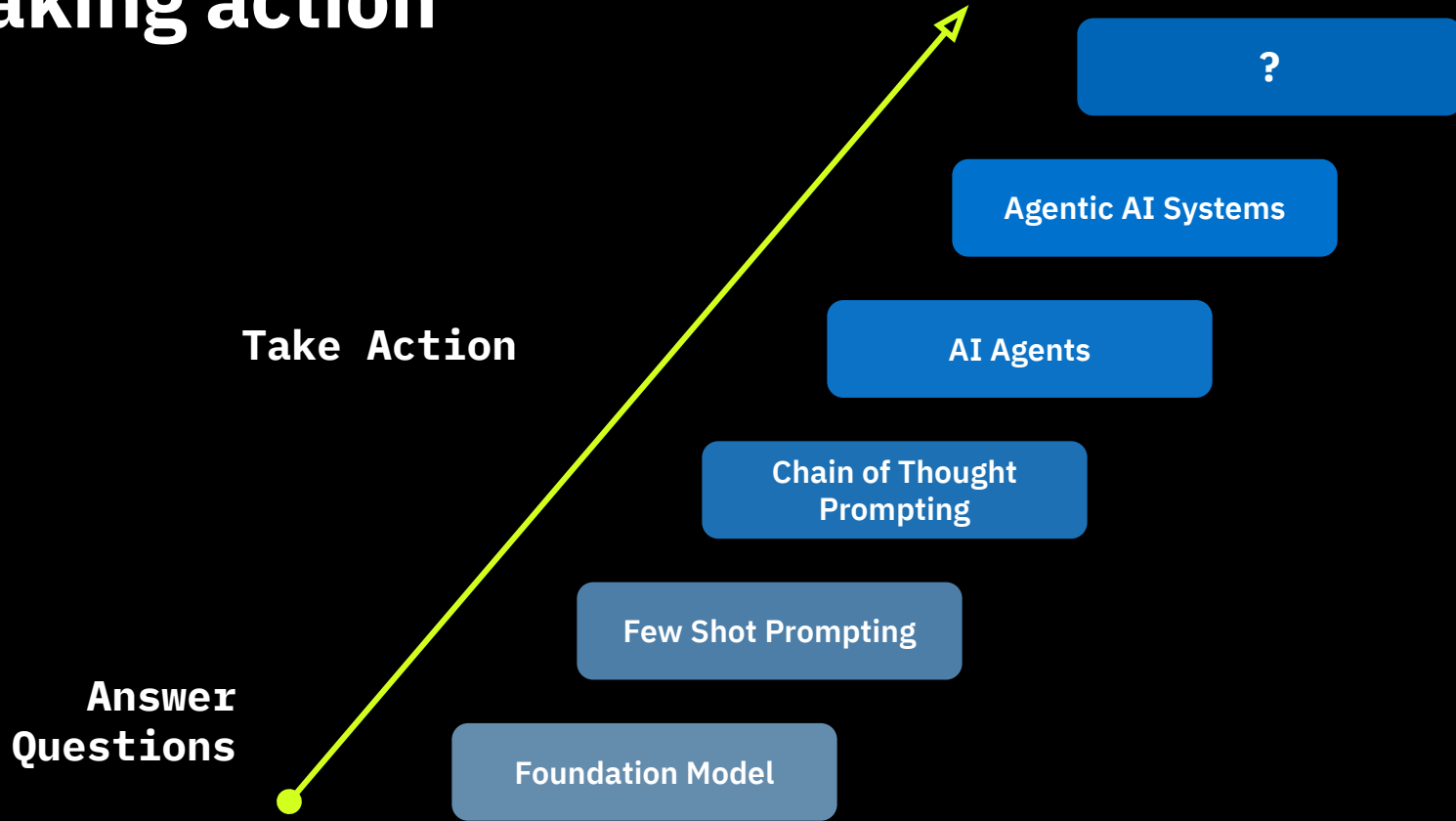


BPMN Copilot Circle 3.5 Sumnet ✕

Let's start by describing the process you want to create. If you want to start a new chat, simply type /newdiagram.

Describe the process...

AI Evolution: From answering questions to taking action



What is Agentic AI?



AI Agents

General AI systems trained to act on behalf of an enterprise or individual, performing tasks, making decisions, and interacting with data or other systems autonomously or semi-autonomously.

Source: Forrester Research, Inc.
Automation Trends And Practical Application, 2024

Agentic AI Systems

Agentic AI is a subfield of AI focused on creating autonomous systems that pursue complex goals with limited or no human intervention.

Source: Forrester Research, Inc.
Automation Trends And Practical Application, 2024

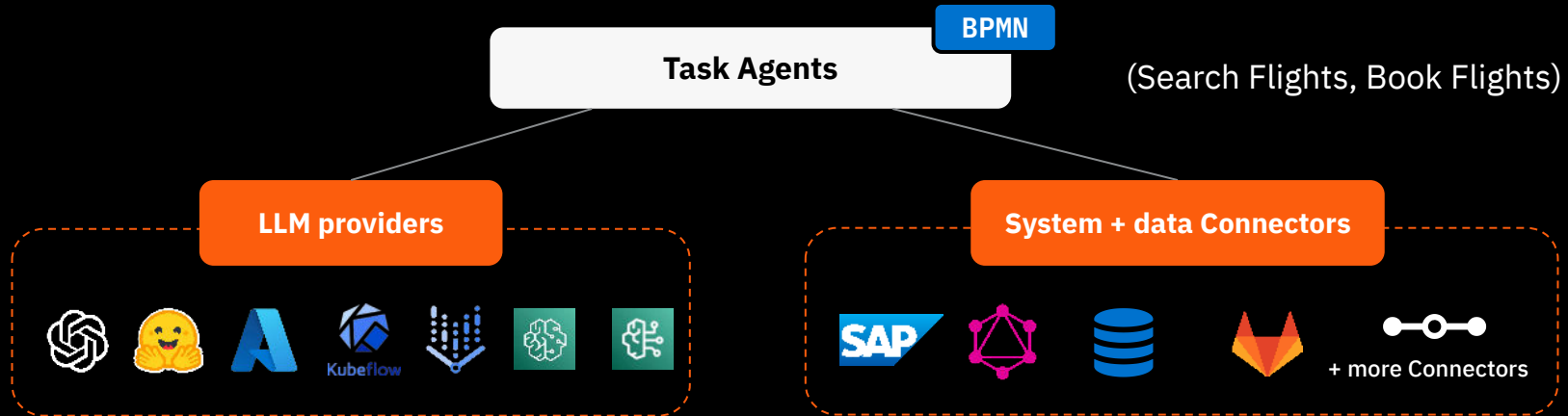


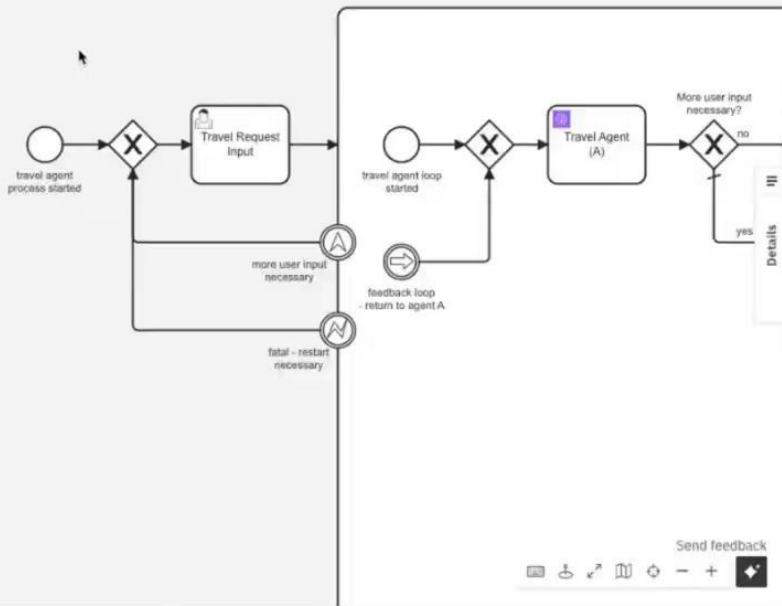
New approach to task automation



In Camunda: orchestration of AI agents, APIs, documents, and other tasks

Agentic AI with Camunda today



Properties Comments

 **PROCESS**
Travel Agent

General

Name
Travel Agent

ID
Process_5wsemhh

Version tag

Executable

Documentation

Element documentation

Execution listeners +



Extension properties +

Example data

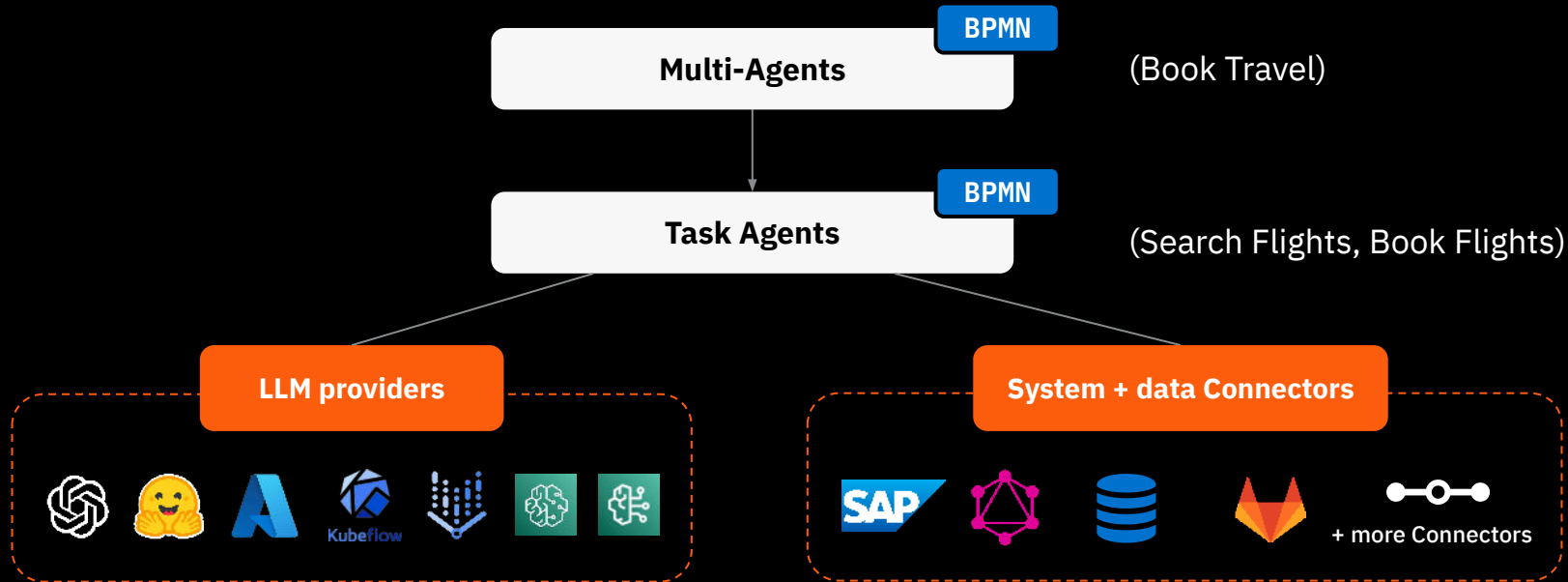
Example output

[About example data](#)

Problems  Variables

-  **Event_09bcxxs** Element is an implicit end
-  **Gateway_Ovixnk6** Element has disallowed type <bpmn:InclusiveGateway>

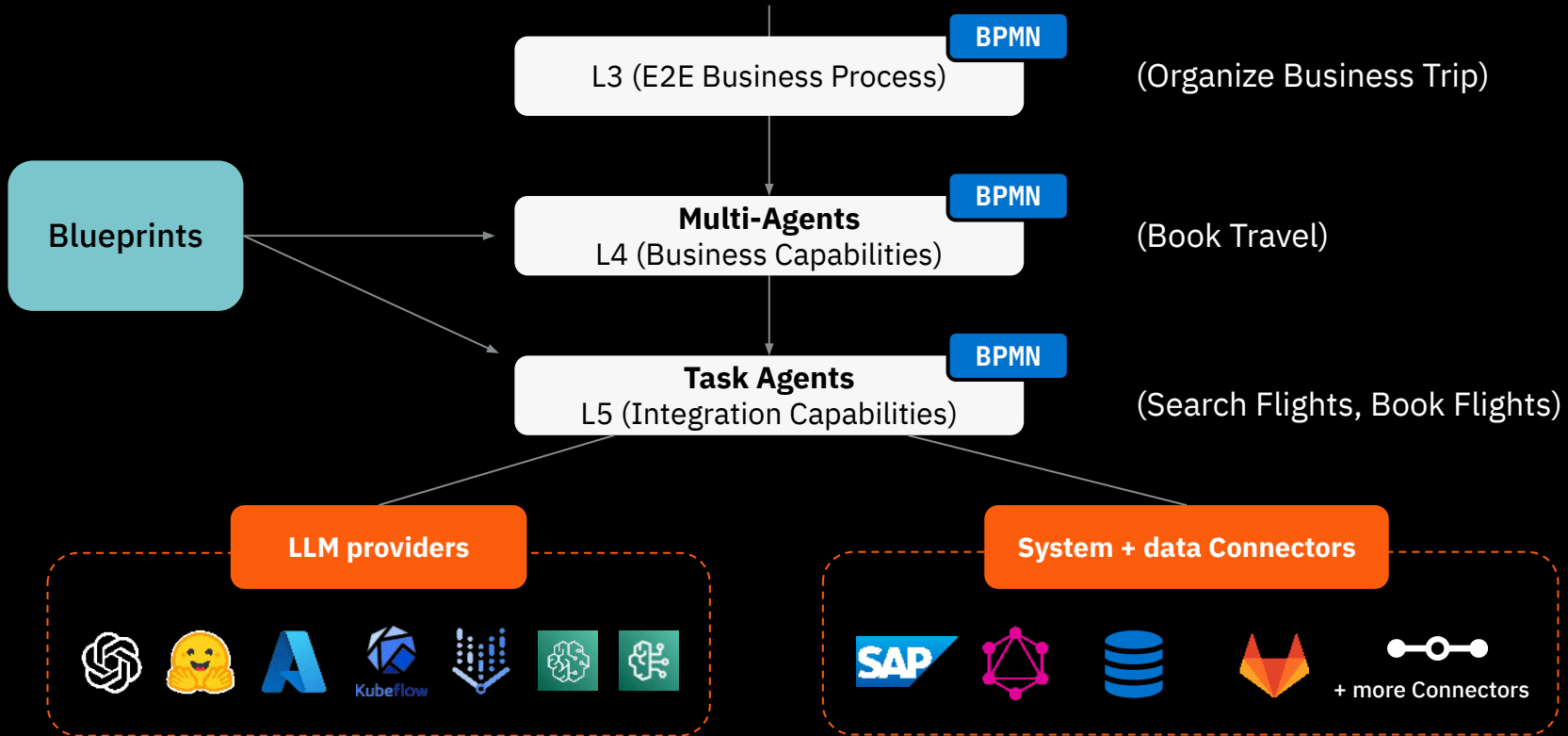
Agentic AI with Camunda today



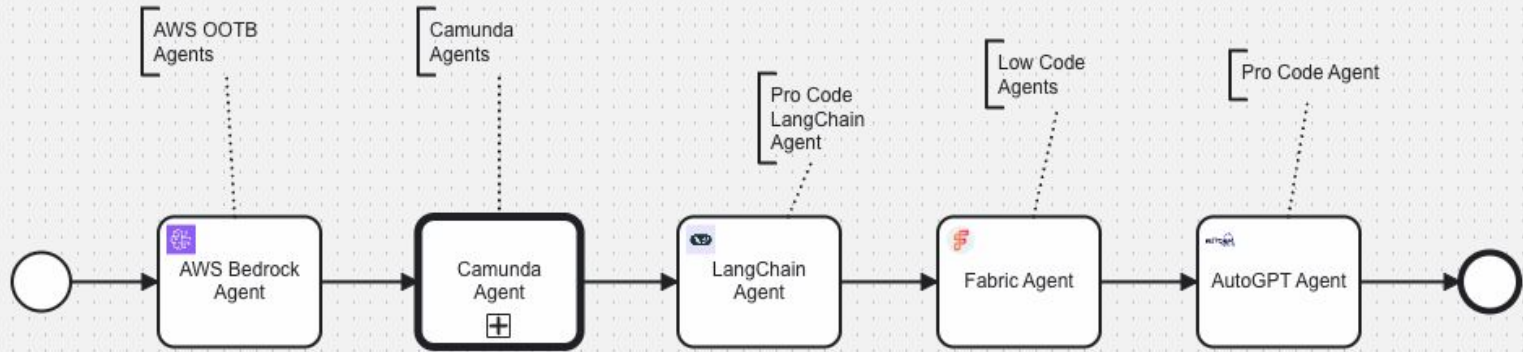
Agentic AI with Camunda today



Camunda's approach allows the introduction of **Agentic AI** directly in the context of E2E business processes



Composable AI Agent Architecture



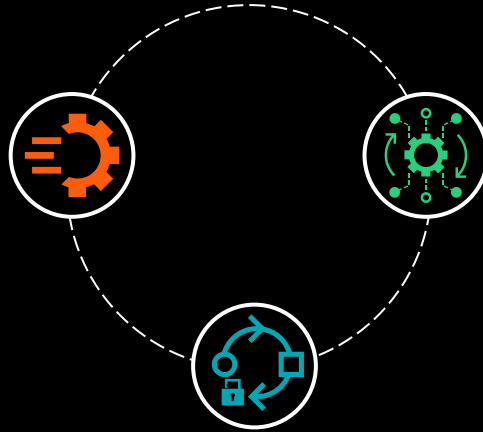
Composable by design: Choose, combine, and orchestrate your AI agent framework – from pro-code to low-code.

Upcoming Camunda AI Features



Effortless Creation

Empower low coders to build AI agents with ease through a guided, intuitive process—unlocking automation for all skill levels.



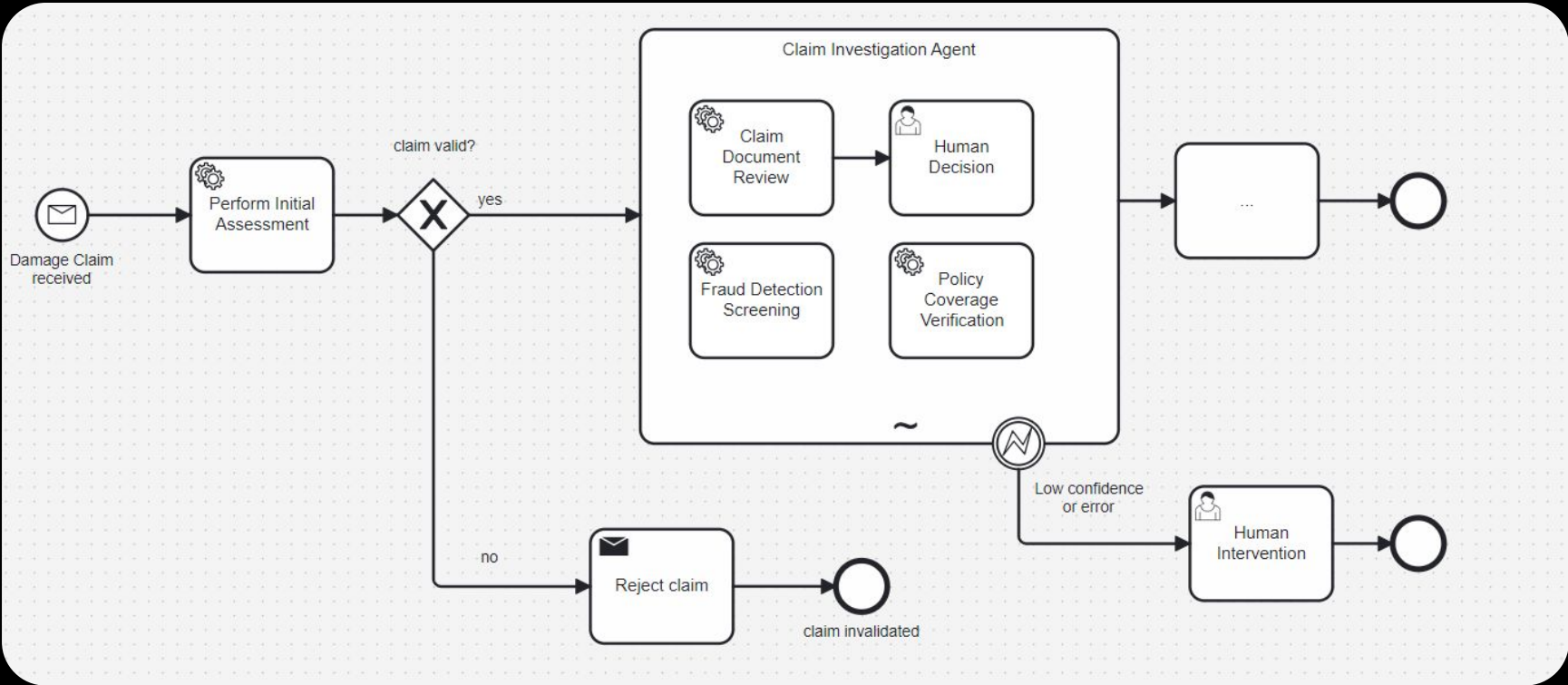
Actionable Insights

AI agents don't need rigid orchestration. Our Next Best Action framework enables dynamic, flexible automation by breaking tasks into smaller steps.

Secure & Composable Integration

AI integration must be secure. Our 'Bring Your Own Model' approach and features like data masking ensure safe and seamless AI communication.

Autonomous Orchestration with Guardrails (blending deterministic with ad hoc execution)



Our Vision: The Process Orchestration *and* Automation Platform



Composable



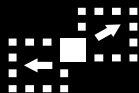
Intelligent



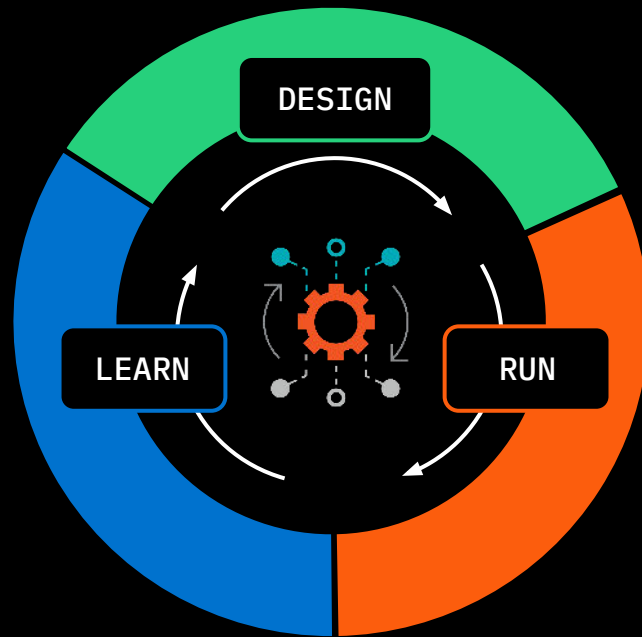
Open



Collaborative



Scalable



GA Release Timeline



January 14th 2025

April 8th 2025

Camunda 8.7



Document Handling



SAP Integration



FEEL Copilot

Camunda 8.8



RPA

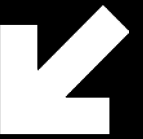


Intelligent Document Processing



BPMN Copilot

Now it's your turn!



Check out early access documentation



Find us at the AMA Booth (3rd floor)



bit.ly/40atBfR

Dive deeper into Camunda



Day 1 sessions will be available on-demand next week

10:55 AM - 11:40 AM EDT / 7:55 AM - 8:40 AM Your local time (45 Min)

Camunda: From Zero to Hero: Autoscaling process orchestration with Camunda

📍 Purple Stage



Nicolas Pepin-Perrin
Manager, Engineering
Camunda
Speaker



Simon Zengerling
Tech Lead, Engineering
Camunda
Speaker

SCALE

1:30 PM - 2:15 PM EDT / 10:30 AM - 11:15 AM Your local time (45 Min)

Camunda: Inbound Connectors: Real-World Challenges and Solutions

📍 Purple Stage



Pavel Kotelevskii
Senior Software Engineer, Backend
Camunda
Speaker

OPEN &
COMPOSABLE

2:25 PM - 3:10 PM EDT / 11:25 AM - 12:10 PM Your local time (45 Min)

Camunda: It all comes together: the Unified Camunda 8 REST API and the improved developer experience

📍 Purple Stage



Felix Mueller
Director, Product Man...
Camunda
Speaker



Roman Smirnov
Principal Software En...
Camunda

OPEN &
COMPOSABLE

3:20 PM - 4:05 PM EDT / 12:20 PM - 1:05 PM Your local time (45 Min)

Camunda: State of Performance

📍 Purple Stage



Falko Menge
Senior Principal, Solution Architect
Camunda
Speaker

SCALE

5:25 PM - 6:10 PM EDT / 2:25 PM - 3:10 PM Your local time (45 Min)

Camunda: Bridging the Enterprise Gap: Integrating Camunda and SAP for Efficient Process Orchestration

📍 Purple Stage



Tobias Conz
Senior Product Manager
Camunda
Speaker



Mr. Volker Buzek
Senior Consultant
Camunda
Speaker

SOLUTIONS

Later today

12:40 PM - 1:25 PM EDT / 9:40 AM - 10:25 AM Your local time (45 Min)

Workshop: Building AI Solutions with Camunda: A hands-on workshop (in-person only)

📍 Purple Stage



Bastian Koerber
Principal Product Man...
Camunda
Speaker



Arushi Mishra
AWS
Speaker

AI

3:45 PM - 4:30 PM EDT / 12:45 PM - 1:30 PM Your local time (45 Min)

Camunda: The agile enterprise: Rapid deployment with Camunda 8

📍 Orange Stage



Andrey Belik
Senior Product Manager
Camunda
Speaker

OPEN &
COMPOSABLE

3:45 PM - 4:30 PM EDT / 12:45 PM - 1:30 PM Your local time (45 Min)

From Data to Action: Unlocking Task Automation: End-to-End Orchestration with Camunda (in-person only)

📍 Purple Stage

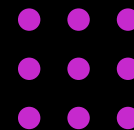


Bastian Koerber
Principal Product Man...
Camunda
Speaker



Calvin Robbins
Senior Manager, Prod...
Camunda
Speaker

RPA & IDP



THANK YOU!

