

Hypatos

Unlock the Future:

Autonomous Finance with next generation AI

Hypatos

Masterclass Accounting Summit 2023 – Berlin

Sep 20, 2023



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Introduction

Generative AI: The World Is Changing

Use Case Demos

Customer Stories

Q&A

What we do

Hypatos enables autonomous back-office operations with next generation AI helping organizations to succeed and people to excel.

Dedicated expert team in 11 countries



Dr. Uli Erxleben
Founder & CEO (acting CRO)

- McKinsey & Company in Berlin & Palo Alto
- Serial entrepreneur



Dr. He Zhang
CTO Machine Learning)

- Theoretical physicist at Max-Planck-Institut Heidelberg
- Theoretical physicist at KTH Stockholm



Igor Drobiazko
CTO Engineering

- Founder and CTO of IPaaS elastic.io (exited)
- Lead Engineer at HSBC
- Lead Engineer at Nokia



Rick Weinberg
Chief Product Officer

- VP Product at SailPoint
- VP Product at Camunda
- Product manager at IBM



Luca van Skyhawk
Chief Customer Officer

- Manager EY advisory
- German certified public accountant



Adra Balissa
VP People

- Head of HR at Auto1 Finance
- HR manager at Ebay/Radial

>100

Data Scientists, system engineers & delivery professionals

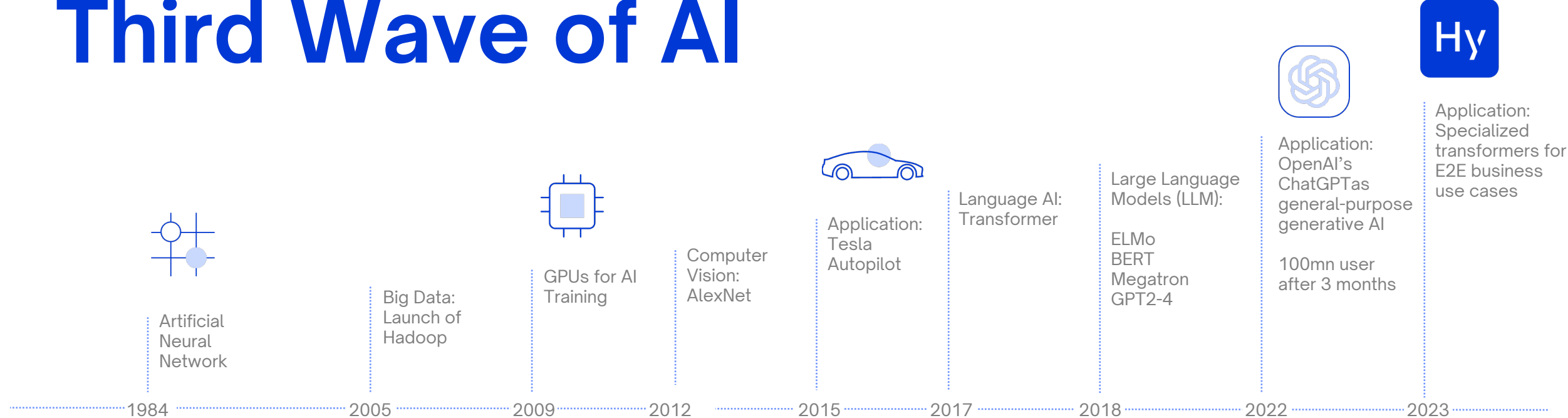
11

Country presences and 3 hubs in Berlin, Miami and Poland



The world
is changing

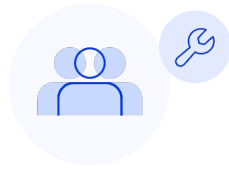
Entering the Third Wave of AI



Journey to a Truly Autonomous Finance Function

Wave 1:

Rule based automation

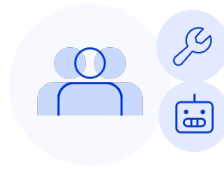


- EDI
- (intelligent) OCR
- Business rules in Workflow
- RPA

0 - 30%

Wave 2:

AI with statistical learning

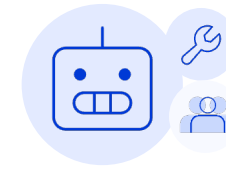


- Wave 1 tools + AI
- Document Understanding with AI (CNNs)
- Workflow and processing automation with AI (RNNs)

30 - 85%

Wave 3:

Autonomous processing with generative AI



- Wave 1 & 2 tools and technologies + Gen AI
- Language processing with LLMs
- AI learning from company data (**LLMs, transformers**)
- AI Agents that plan, memorize and use tools autonomously

85 - 100%

Tools & AI Technologies

Automation rates in End-2-End processes

General Purpose LLMs

large models, multipurpose generative AI to create text, images, and software code

- ✓ Publicly available training data (200bn parameters)
- ✓ Extensively fine-tuned with human inputs
- ✓ Costly to train (>EUR 100mn for GPT-4)

+ Broad application to increase productivity in many individual daily tasks

- Moderate to low automation for end-to-end business workflows (invoice data capturing 84%*, GL accounting 30-50%)
Limited learning capability

 OpenAI
ChatGPT

 Bard

 ALEPH ALPHA
LUMINOUS

Specialized Transformer Models

small to mid-size models, specialized in specific end-to-end processes

- ✓ Private training data (50 – 250mn parameters)
- ✓ Fine-tuned with (historic) process data and continuously improved in daily operations
- ✓ Efficient training (Initial training time 4 – 24h)

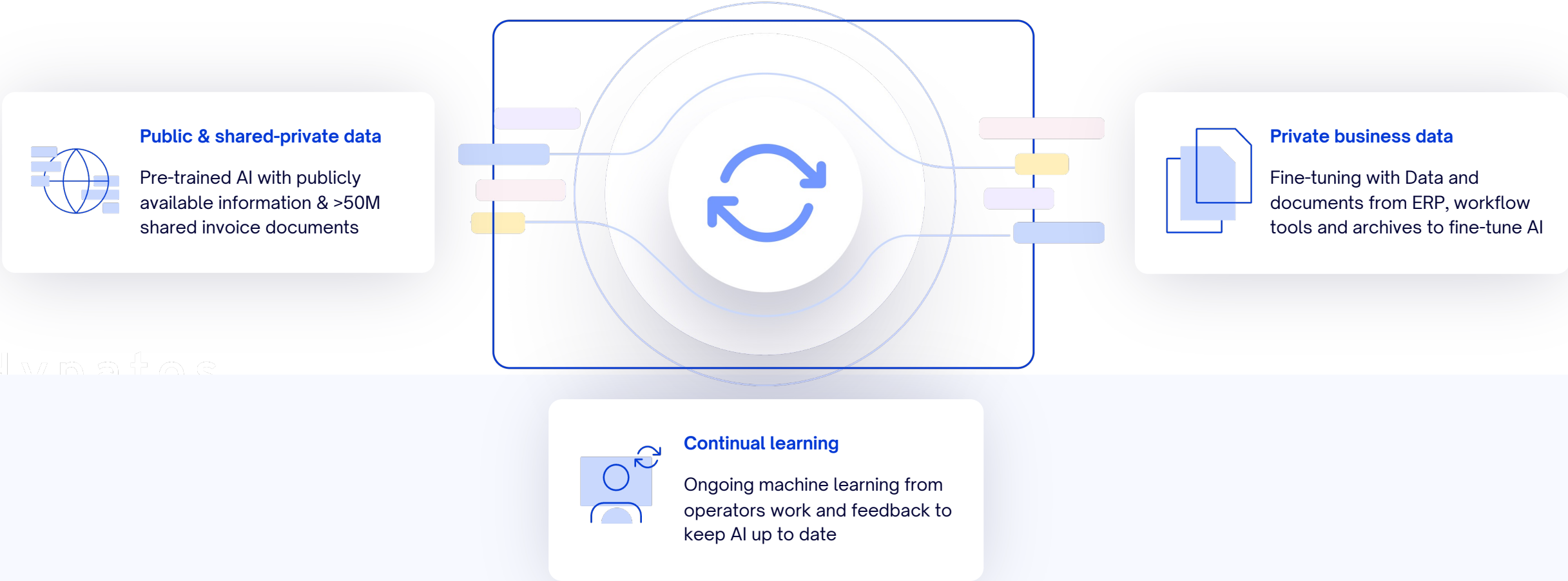
+ Very high automation for specific end-to-end tasks (invoice data capturing >98%, GL accounting >95%)
Learning from individual private document and process data

- Limited automation for other tasks

Hypatos
AccountingGPT



Hypatos combines AI learning from public, shared and private business data for superior automation results



Hypatos

When your data works for you the way it should, you will see true transformation

Efficiency

From 50 to 500 invoices on average per FTE per workday

10X
productivity

Speed

From 12 days to hours per invoice on average to go from capture to final posting

Up to
100X
faster

Less errors

Dropping from 3-4% error rate on average to below 1%

50-75%
error reduction

Finance & HR operations

Purchase to pay

AP invoice automation, Payment reminders

Order to cash

Sales orders, Remittances

Hire to retire

Travel expenses, Employee on- and off-boarding

STRABAG **Beiersdorf**  **HOLCIM** **BERTELSMANN**

Insurance & Other

Insurance

P&C and health claims, Customer service requests

Other

ESG reporting, Audit, Loan applications, KYC

 **experian.**

 **KAISER
PERMANENTE.**

 **REALE
MUTUA**

 **pwc**



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Autonomous finance demo

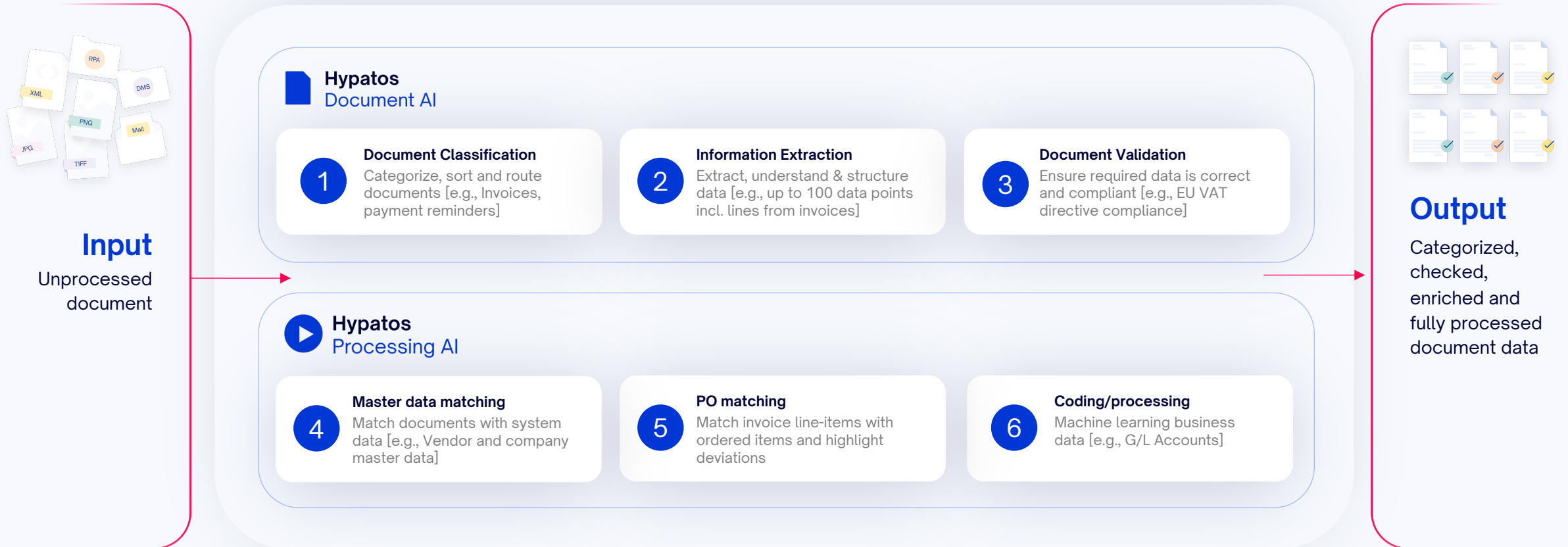
Purchase to pay

AP invoice automation

Hire to retire

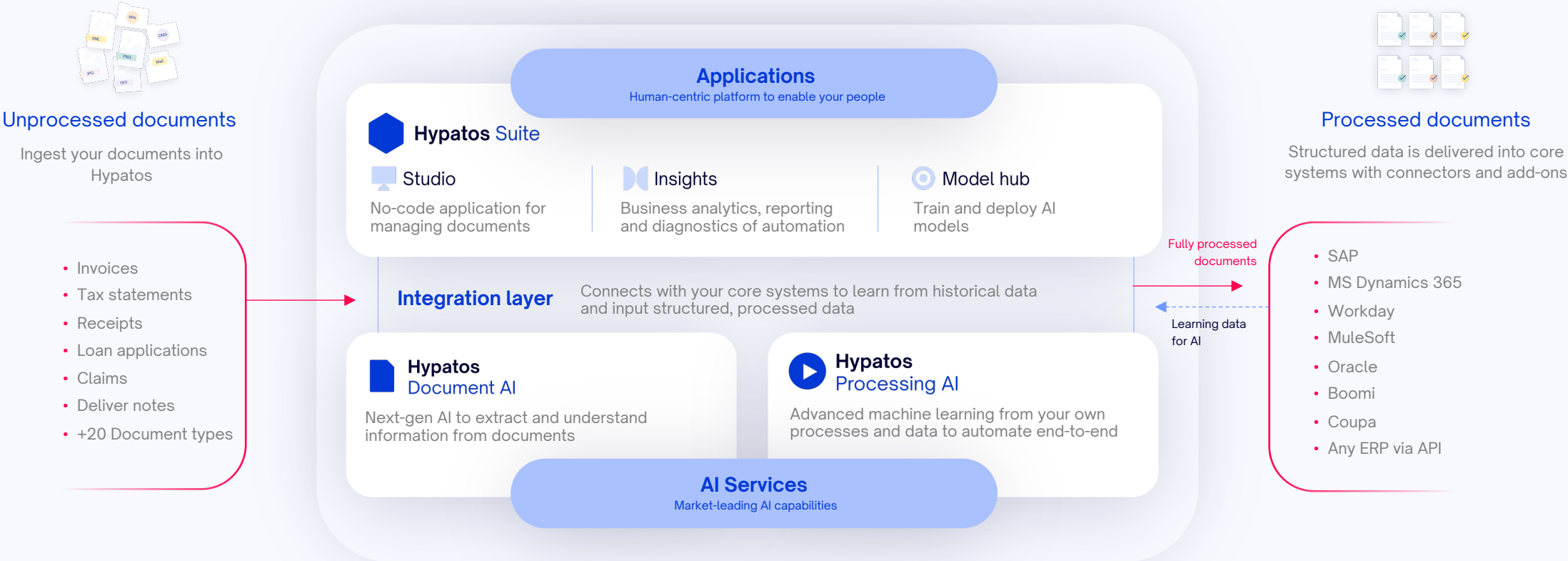
Travel expenses

Hypatos delivers end-to-end automation for finance document processing



1) Based on client experience, STP = Straight Through Processing,
2) Based on PwC benchmark

Hypatos' modular AI platform is built for integration



EMS (Executive Management System)



ERP Systems



S2P & O2C workflows



CRM & Service Management



RPA



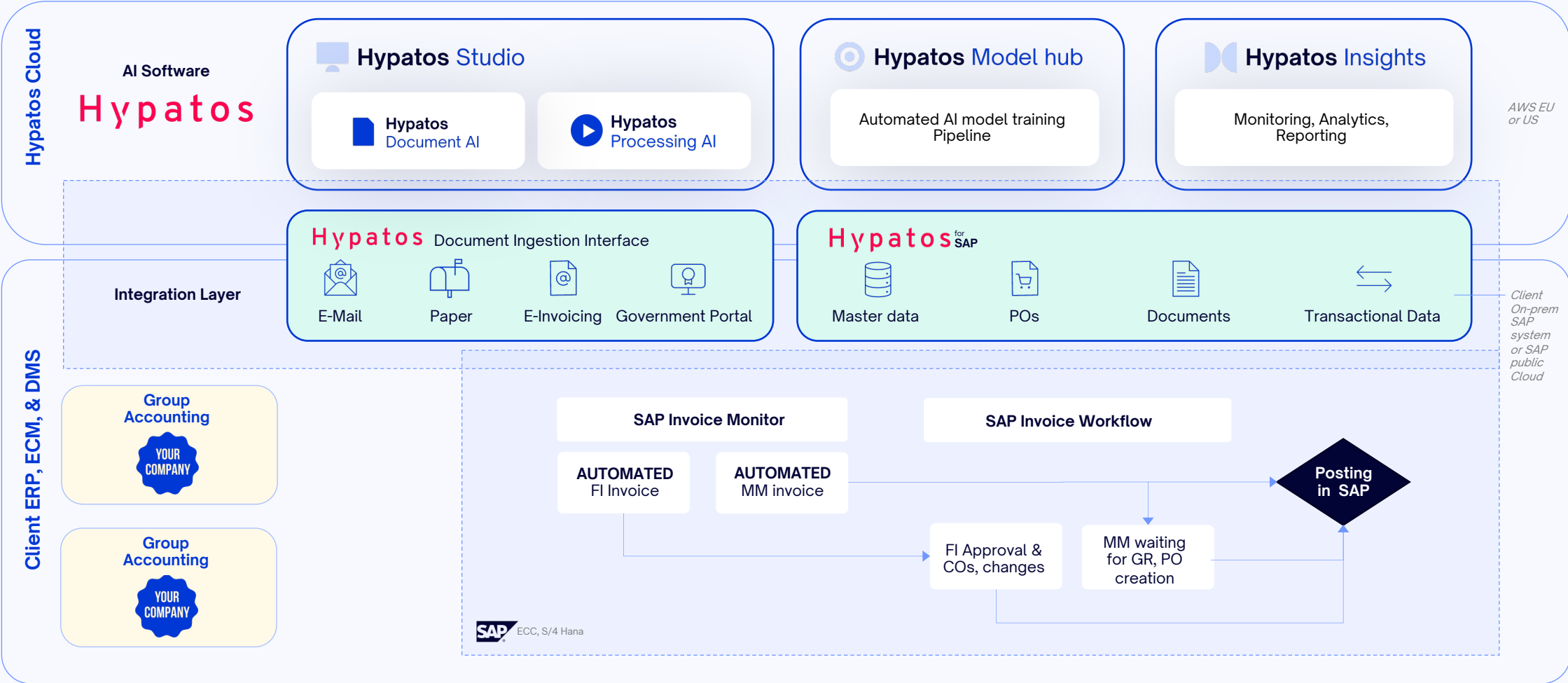
IPaaS



BPM (Business Process Management System)



Autonomous Finance in SAP ECC & S4 HANA



Unique benefits of Hypatos Autonomous Finance Ops

Hypatos Document AI

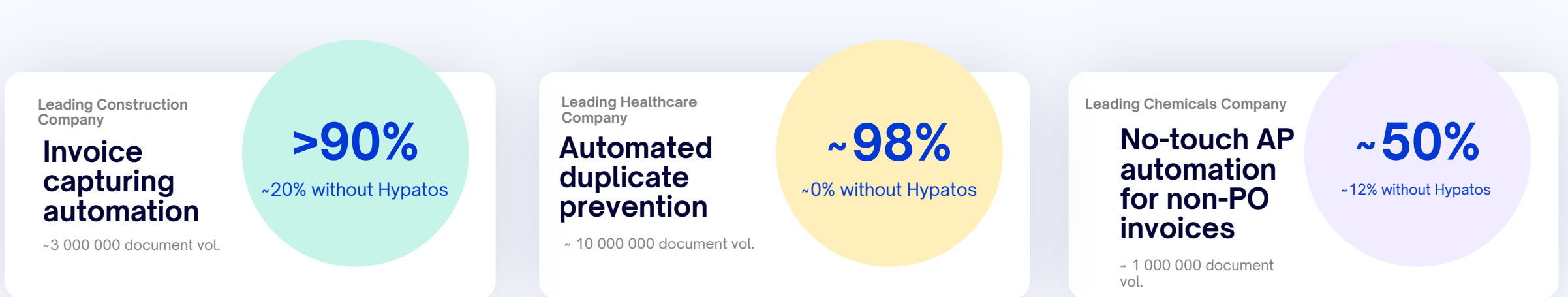
- ✓ **Highest automation of >98% for data capturing** from documents incl. tables/line items and handwriting
- ✓ **Immediate RoI** with pre-trained AI and self-learning learning from ERP and workflow data
- ✓ **No-Rules and Templates**
- ✓ **Continuous self-learning** from daily work of your colleagues
- ✓ **Comprehensive configuration and customizing** to meet complex, global business requirements
- ✓ **Language agnostic** for global supply chains (incl. Arabic, Eastern Asian, Cyrillic) incl. translations

Hypatos Processing AI

- ✓ **Highest automation of >90% for document processing** with AI Agent
- ✓ **Precise master data matching and validation**
- ✓ **Automated PO matching** from invoice lines to PO lines
- ✓ **Better than human coding automation** based on machine learning from historic processing data and accounting handbook
- ✓ **Advanced validation and compliance checks** e.g., for tax compliance, ESG reporting
- ✓ **Automated exception handling** e.g., E-Mailing vendor or forwarding to master data team

Customer stories

We let the numbers do the talking

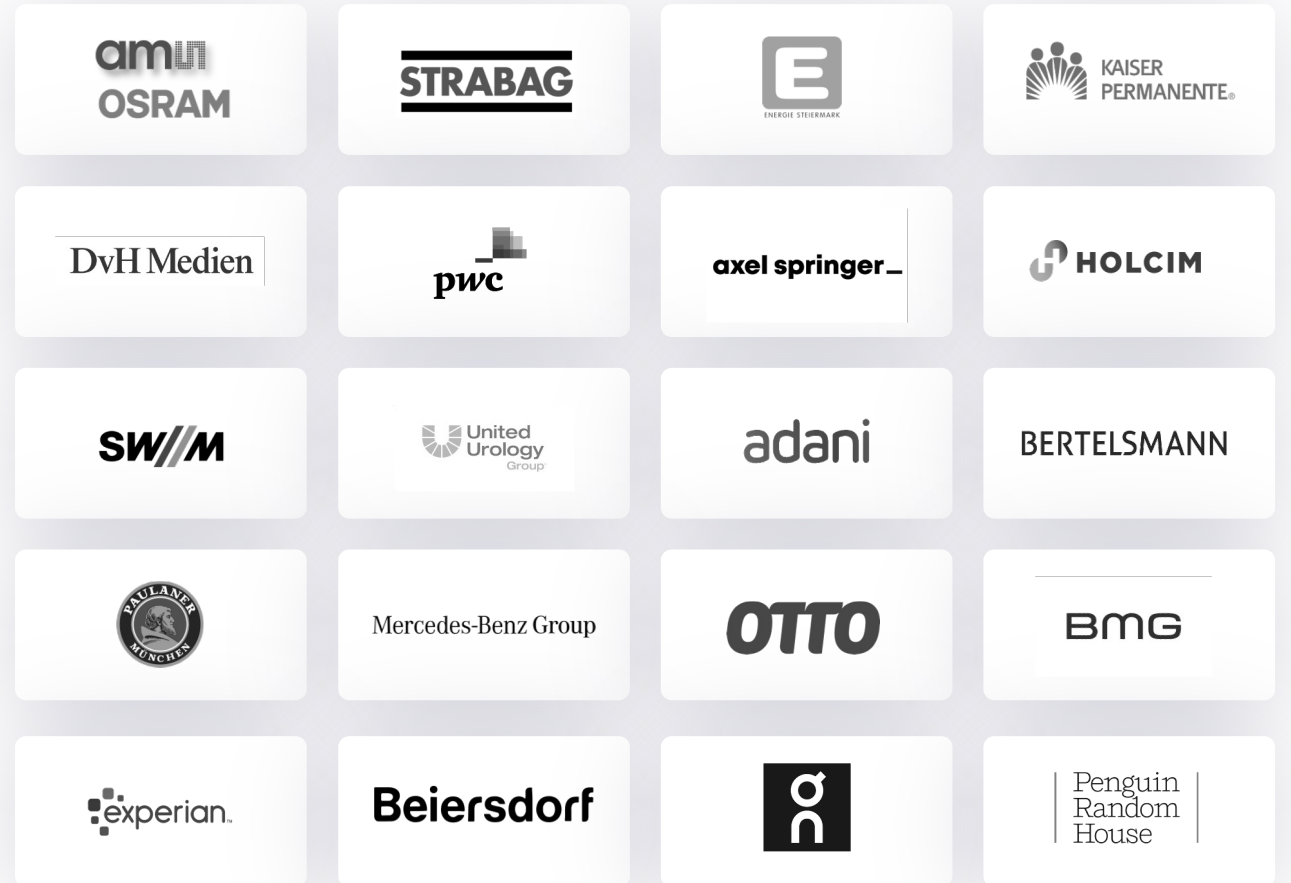




“Hypatos is instrumental for getting our accounts payable processing ready for the future”

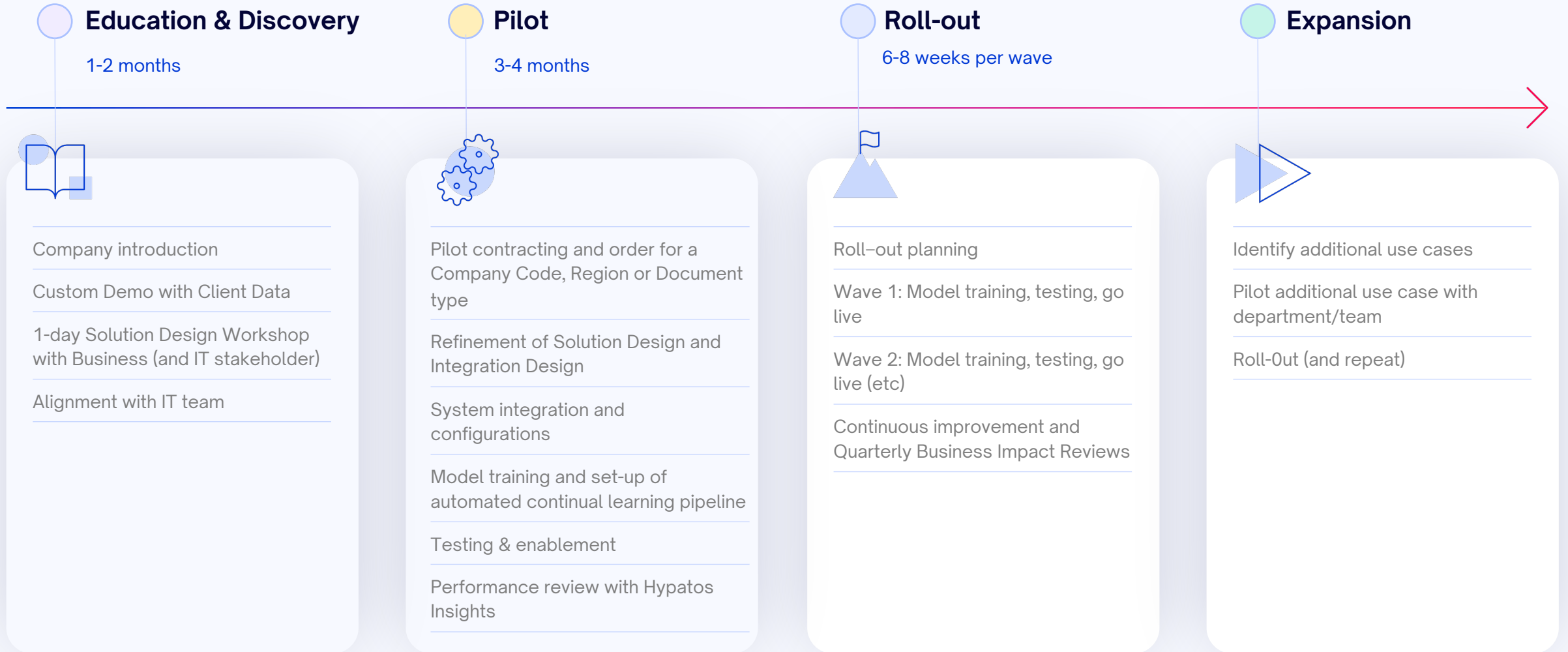
Johann Holst
Beiersdorf

Hypatos



Get on board

Starting with us is easy



Q&A

Thank you



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