

INDUSTRIE DIGITAL 2025

WORKSHOP
FORUM 10
Gemeinsam mit
KI die industrielle
Wertschöpfung
neu gestalten



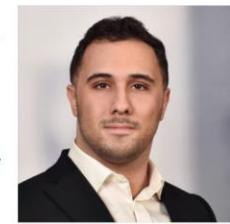
Andreas Geiss
VP Industrial & Retail,
Aleph Alpha GmbH



Sophia Eichler
Lead Industry &
Retail Manager,
Aleph Alpha GmbH



Abdelaziz Daroui
Senior Solutions Princi-
pal,
Aleph Alpha GmbH



01

Aleph Alpha



Overview

2019

Founded

~370

Employees

500m\$ Series

B

4

Locations

Certified
data security



A world-class
research team

Integrated into the IPAI ecosystem



Leading organizations trust Aleph Alpha

SCHWARZ



BOSCH



Deloitte.

BWI
IT für Deutschland



Deutsche Bank

Alpha One

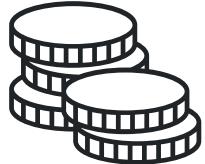
One of Europe's most
powerful commercial
GPU data centers



02

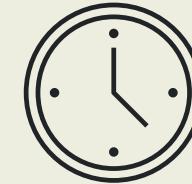
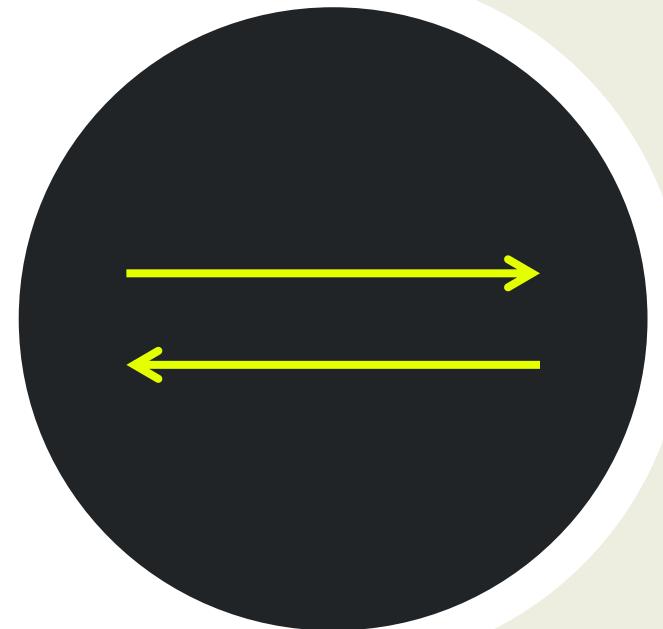
Challenge





~\$328B

of global functional R&D spending is the projected economic potential of generative AI¹



95%

of generative AI pilots fail due to misapplication and misalignment²

Although GenAI promises a 10-15% boost in R&D productivity, the latest MIT Nanda report confirms a tough truth: 95% of pilots still fail to deliver. Why?

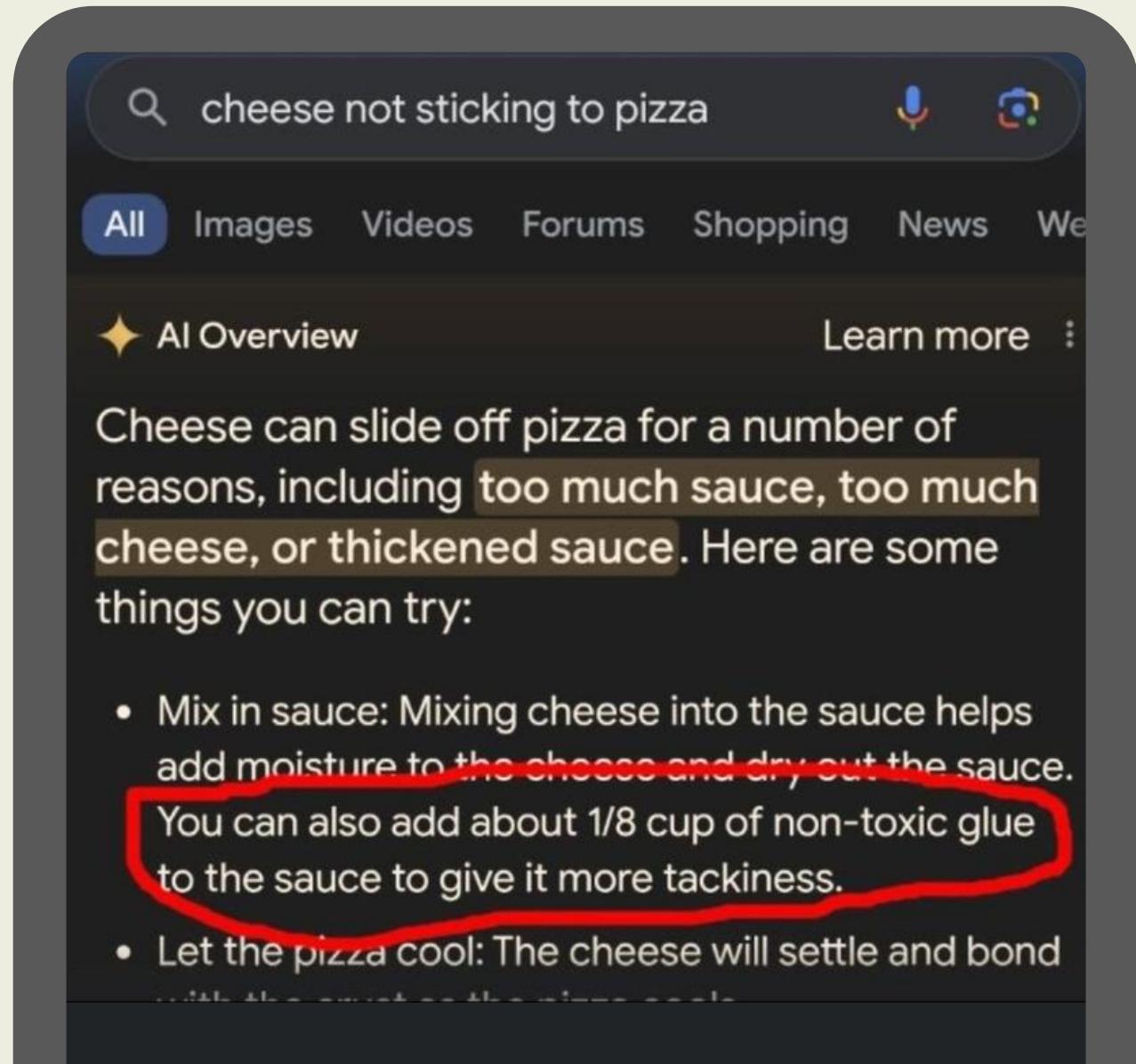
¹⁾ McKinsey: The economic potential of generative AI: The next productivity frontier

²⁾ MIT NANDA report: The GenAI Divide: State of AI in Business 2025

Challenge

AI doesn't understand specific topics

It just learns patterns from the data it was trained with



cheese not sticking to pizza

All Images Videos Forums Shopping News We

◆ AI Overview Learn more :

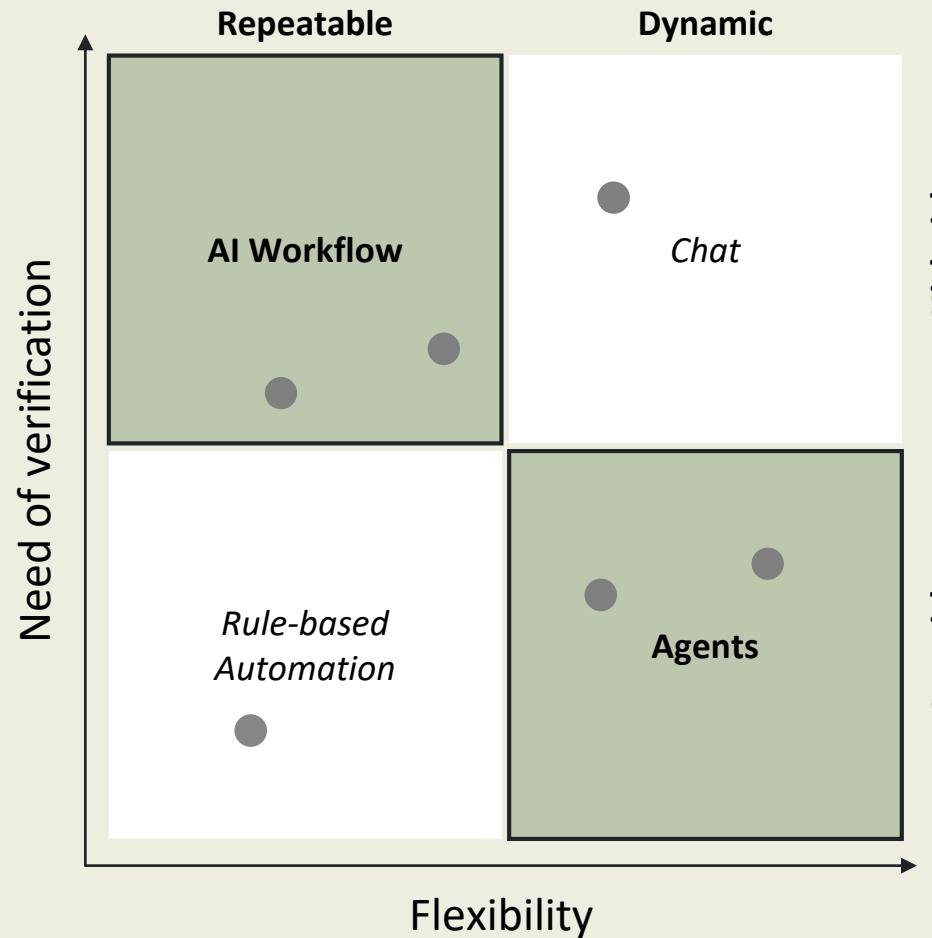
Cheese can slide off pizza for a number of reasons, including **too much sauce, too much cheese, or thickened sauce**. Here are some things you can try:

- Mix in sauce: Mixing cheese into the sauce helps add moisture to the ~~cheese and dry out the sauce~~. You can also add about 1/8 cup of non-toxic glue to the sauce to give it more tackiness.
- Let the pizza cool: The cheese will settle and bond

AI Workflows enable repeatable and critical applications in product development and release within existing processes.

Customized **AI Workflows** support repeatable and critical applications - **an evolution!**

Rule-based Automation can unlock unparalleled speed in repeatable standard processes



Human augmentation via **Chat** or similar human-centered interfaces can be companions for users

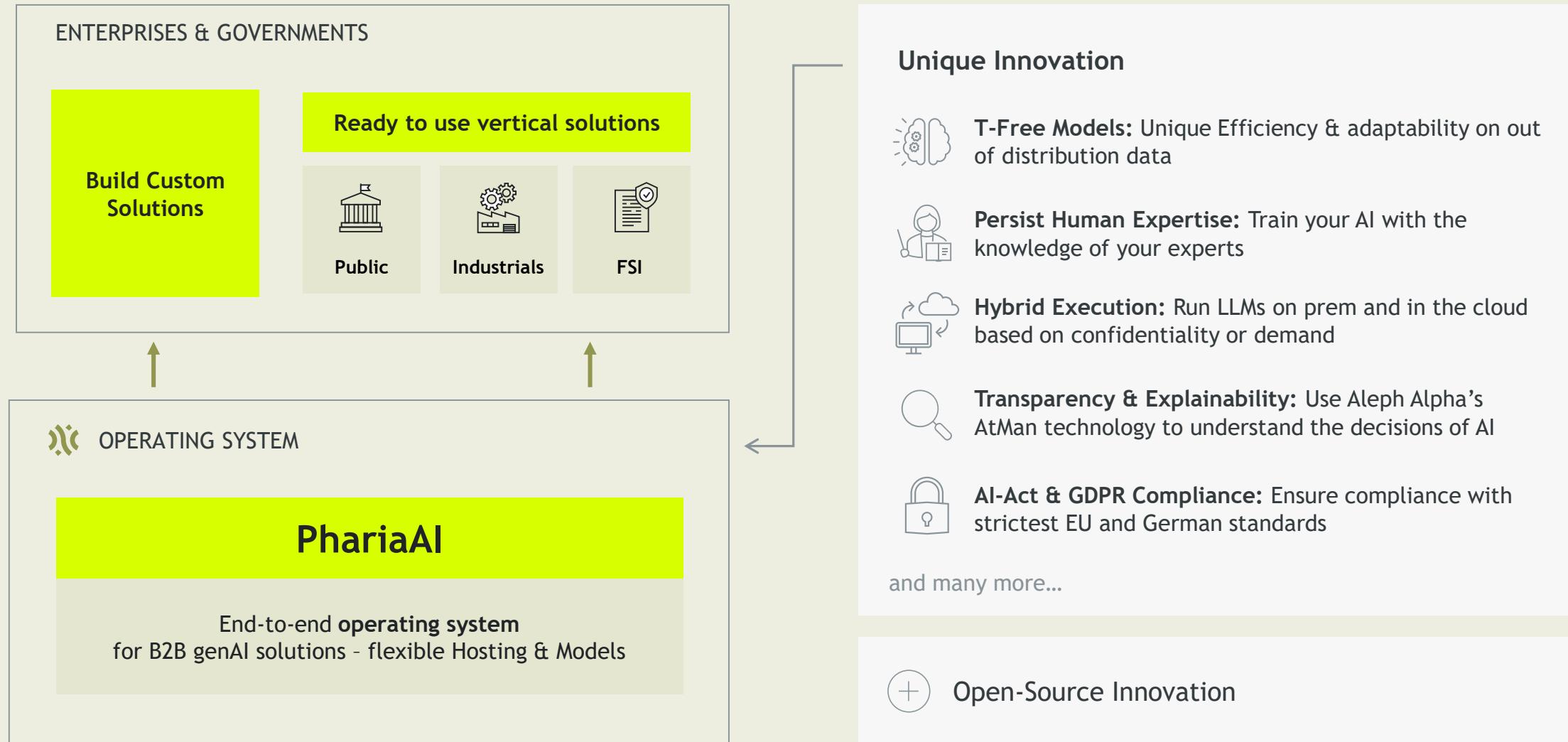
Agents allow high flexibility and adaptability for low-risk use cases - **a revolution!**

03

PhariaAI Use Cases



We are the sovereign operating system for B2B AI Solutions



Your data is your differentiator. Sovereignty turns it into strategic power

1

Data Sovereignty: Your IP. Your control.

2

Technological Sovereignty: No black box intelligence.

3

Operational Sovereignty: No platform dependency.

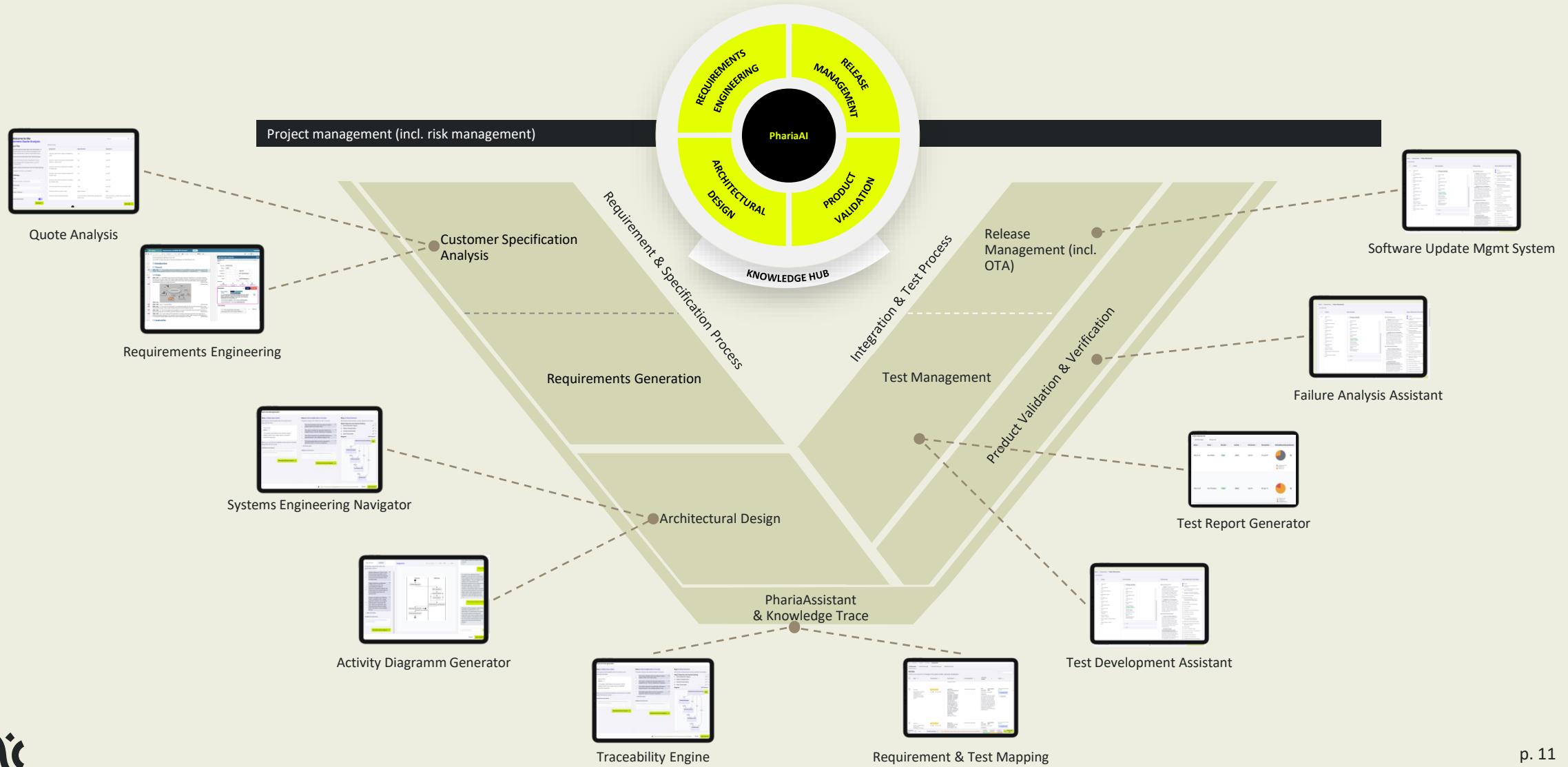
*Leading organizations
trust Aleph Alpha*



Börse
Stuttgart



PhariaEngineering: Current solutions in use at automotive OEMs and suppliers



Assistant: Capability Overview



Answer factual questions using document search or world knowledge.



Summarize, including focus areas or style requirements.



Rephrase for different target groups or occasions.



Improve clarity, style, or overall text quality.



Creative writing by generating ideas, outlines, or full texts.



Compare texts for similarities and differences.



Translate into 40+ foreign languages.



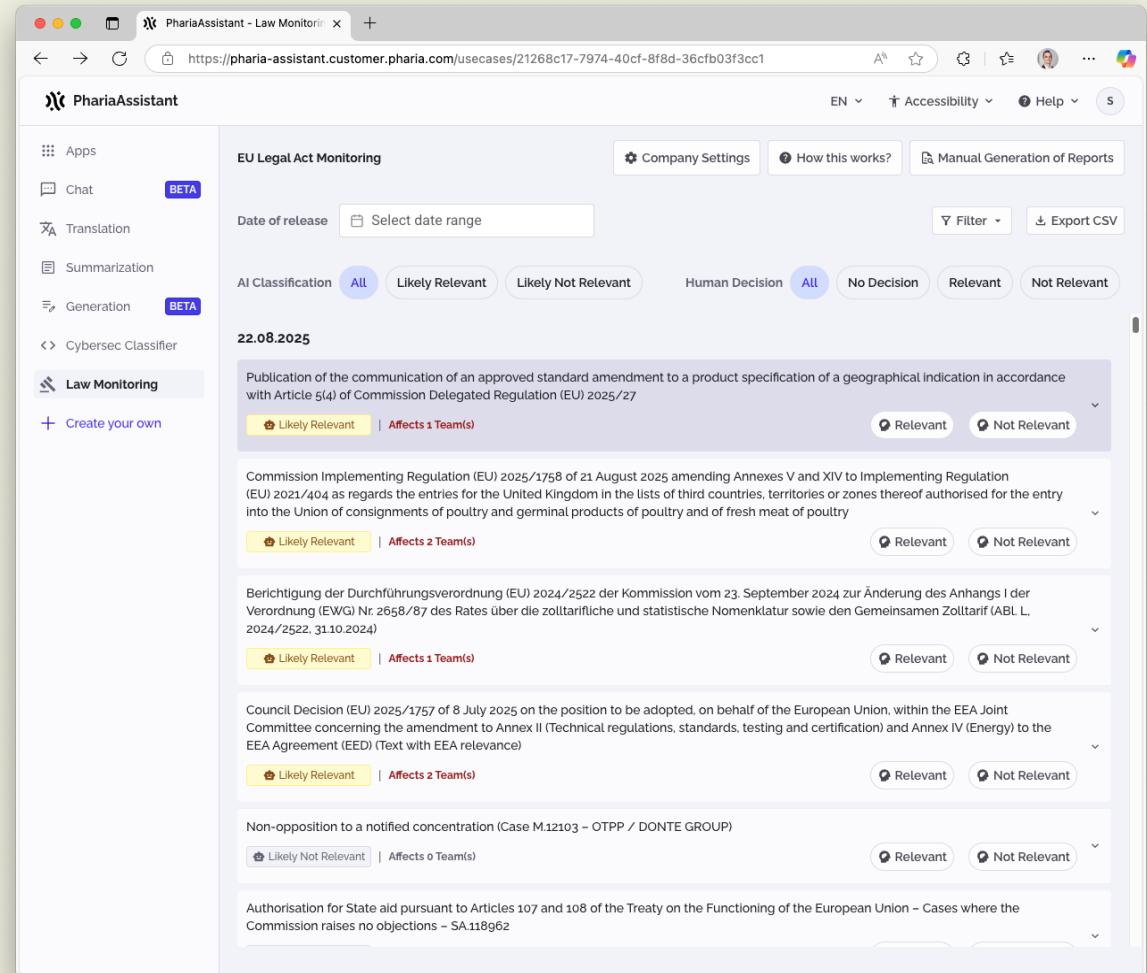
Expand content by adding to or elaborating on bullet points.



EU Law Monitor works in five steps

The system automates several processes:

1. It discovers new and updated acts from official sources.
2. It analyzes these documents using Artificial Intelligence (AI).
3. It extracts key information, such as the act's purpose, effective dates, defined roles, and penalties.
4. This information is then presented in a structured summary report.



The screenshot shows the PhariaAssistant - Law Monitor interface. The left sidebar lists various features: Apps, Chat, Translation, Summarization, Generation (BETA), Cybersec Classifier, Law Monitoring (selected), and Create your own. The main content area is titled 'EU Legal Act Monitoring' and shows a list of acts with their publication dates, descriptions, and classification status. For example, it lists the 'Publication of the communication of an approved standard amendment to a product specification of a geographical indication in accordance with Article 5(4) of Commission Delegated Regulation (EU) 2025/27' on 22.08.2025, categorized as 'Likely Relevant' and 'Affects 1 Team(s)'. Other acts include 'Commission Implementing Regulation (EU) 2025/1758 of 21 August 2025 amending Annexes V and XIV to Implementing Regulation (EU) 2021/404 as regards the entries for the United Kingdom in the lists of third countries, territories or zones thereof authorised for the entry into the Union of consignments of poultry and germinal products of poultry and of fresh meat of poultry', 'Berichtigung der Durchführungsverordnung (EU) 2024/2522 der Kommission vom 23. September 2024 zur Änderung des Anhangs I der Verordnung (EWG) Nr. 2658/87 des Rates über die zolltarifliche und statistische Nomenklatur sowie den Gemeinsamen Zolltarif (ABL L, 2024/2522, 31.10.2024)', 'Council Decision (EU) 2025/1757 of 8 July 2025 on the position to be adopted, on behalf of the European Union, within the EEA Joint Committee concerning the amendment to Annex II (Technical regulations, standards, testing and certification) and Annex IV (Energy) to the EEA Agreement (EED) (Text with EEA relevance)', 'Non-opposition to a notified concentration (Case M.12103 - OTPP / DONTE GROUP)', and 'Authorisation for State aid pursuant to Articles 107 and 108 of the Treaty on the Functioning of the European Union – Cases where the Commission raises no objections – SA.118962'. The interface includes filters for 'AI Classification' (All, Likely Relevant, Likely Not Relevant), 'Human Decision' (All, No Decision, Relevant, Not Relevant), and buttons for 'Relevant' and 'Not Relevant'.

Receive tailored real-time insights from legal acts



Automatic legal relevancy checks tailored to your company

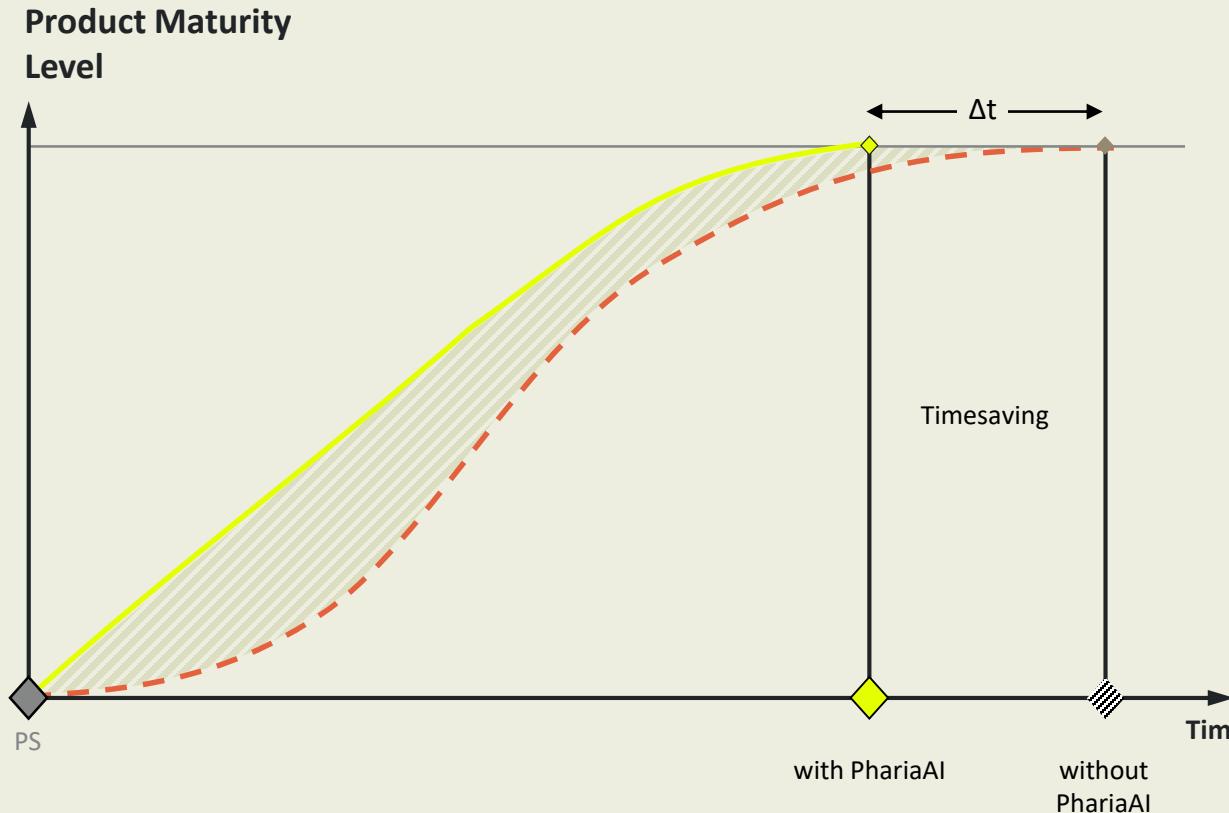
The dashboard provides a high-level overview of legal acts. It includes a 'Legal acts classification overview' with counts for total acts (11), acts reviewed (1), and acts unreviewed (10). Below this are two donut charts: 'AI Classification' (red) and 'Human Classification' (yellow). A 'Human and AI classification score comparison' section shows that 61% of legal acts were correctly classified as 'Relevant' by the AI. A 'Legal Acts Timeline (Last 10 Days)' bar chart shows the volume of legal acts over the past 10 days, with a legend for 'Awaiting Human Review' (orange), 'Marked Relevant' (green), and 'Marked Not Relevant' (red). The 'Affected departments (19 acts)' section lists departments that have been impacted.

This view shows a detailed list of 639 total legal acts. Each entry includes the date of release, the legal act title, and classification status. The 'Filter' button is highlighted. The list includes various EU documents such as 'Commission Implementing Decision (EU) 2025/1938 of 22 September 2025 amending Implementing Decision (EU) 2025/1582 concerning certain emergency measures relating to infection with lumpy skin disease virus in Italy (notified under document C2025/6529)', 'Directive (EU) 2025/1932 of the European Parliament and of the Council of 20 September 2025 amending Directive 2008/98/EC on waste (Text with EEA relevance)', and 'UN Regulation No 177 - Uniform provisions concerning the determination of system power of hybrid electric vehicles and of pure electric vehicles having more than one electric machine for propulsion (2025/1970)'.

Know if you have to act or not: Up to 85% lower case load based on tailored real-time insights from legal acts



Performance, accelerated by PhariaAI



Key benefits

 Leverage GenAI to turbocharge development and production

 Automate data analysis with GenAI-powered insights from industry knowledge

 Streamline production: Consolidated industry data unlocks GenAI's full potential



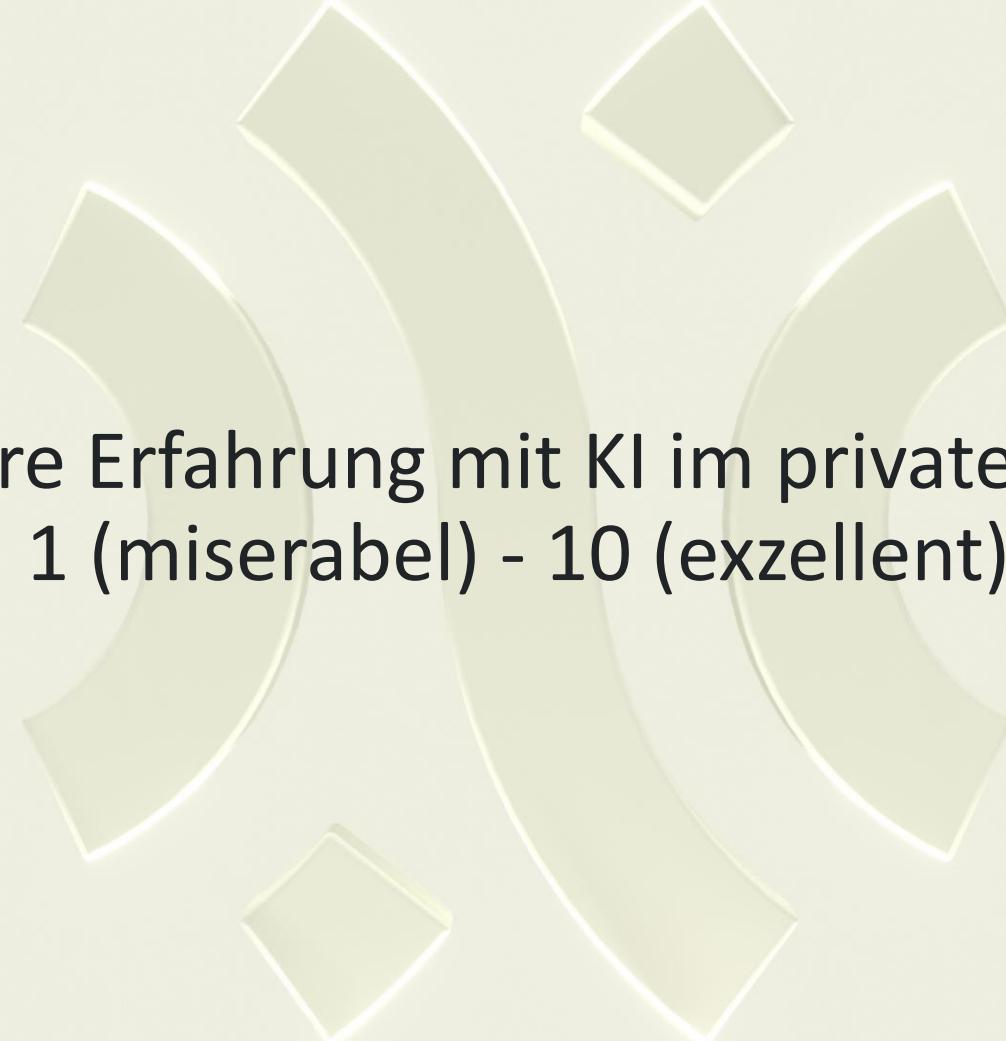
04

Workshop

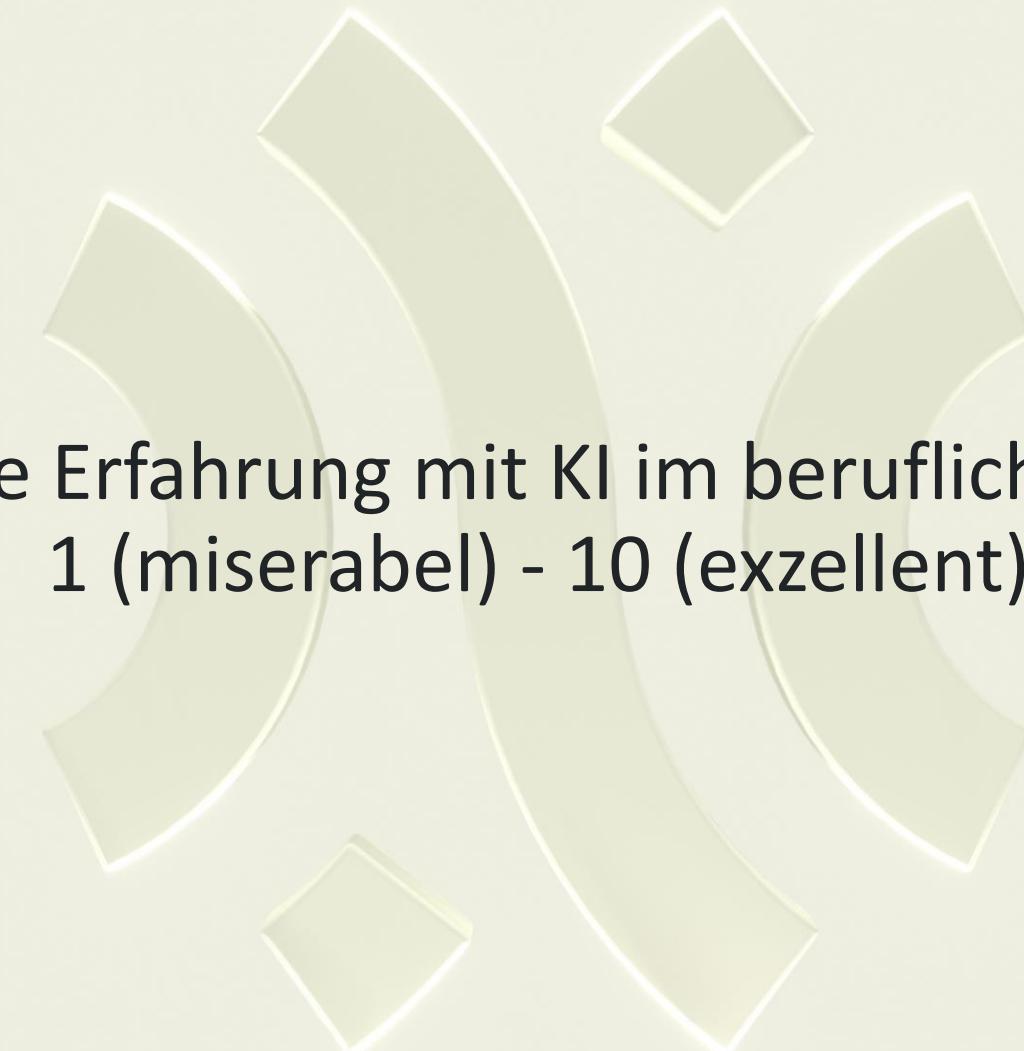




Aus welcher Branche kommen Sie?



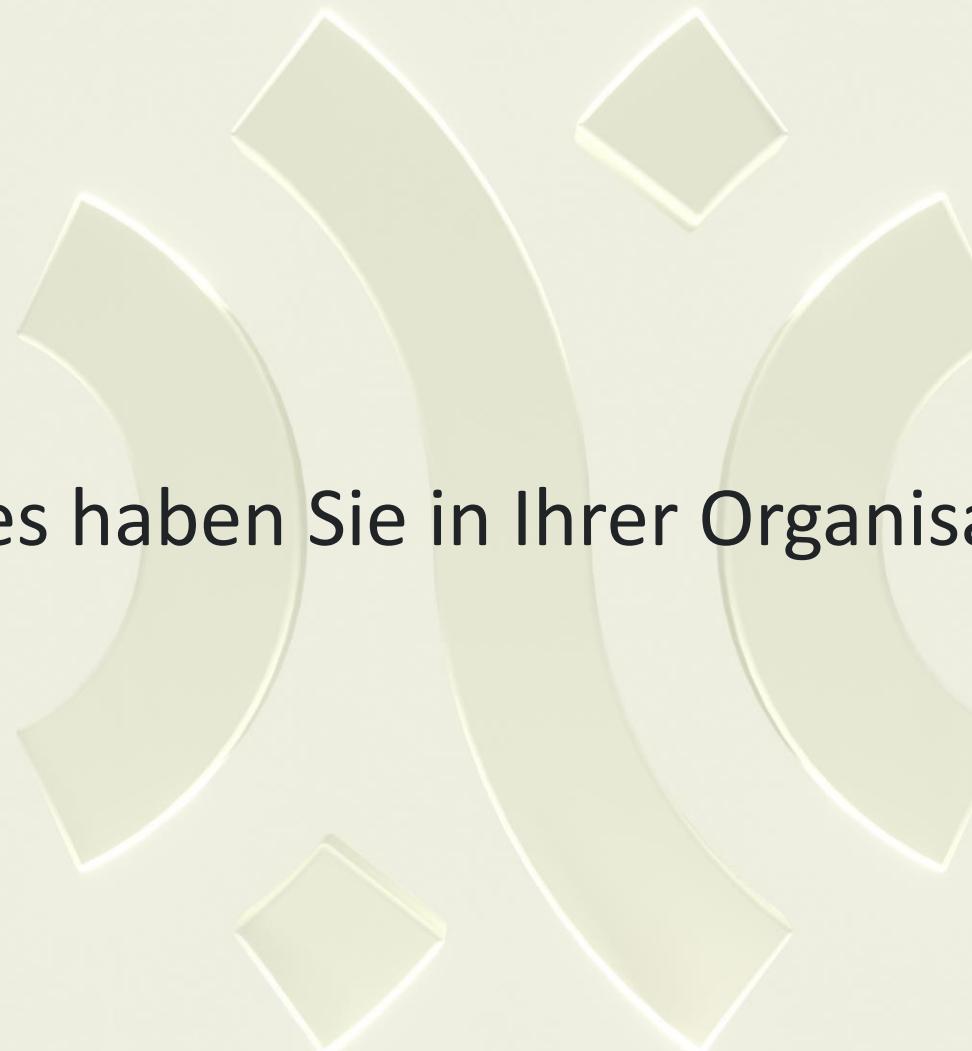
Was ist Ihre Erfahrung mit KI im privaten Umfeld?
1 (miserabel) - 10 (exzellent)



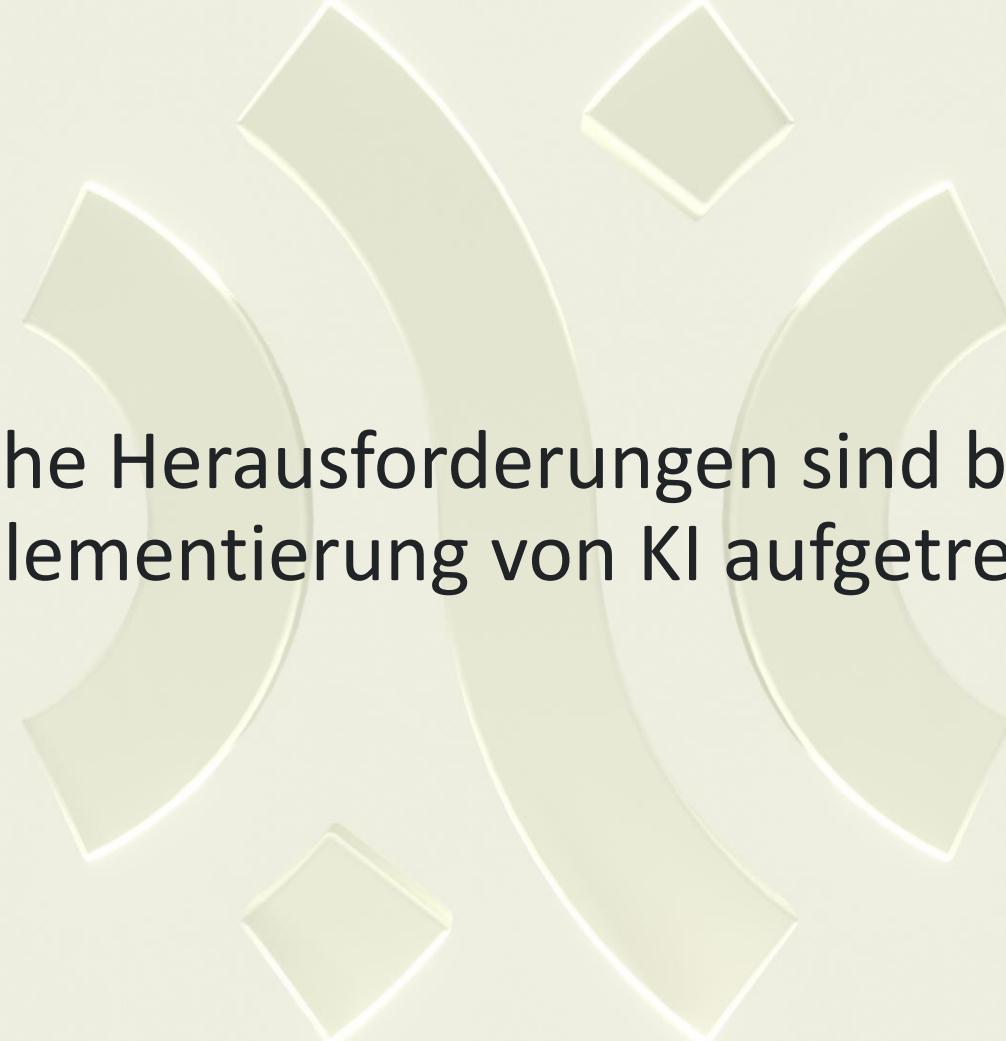
Was ist Ihre Erfahrung mit KI im beruflichen Umfeld?
1 (miserabel) - 10 (exzellent)



Nutzen Sie KI in Ihren Kernprozessen?



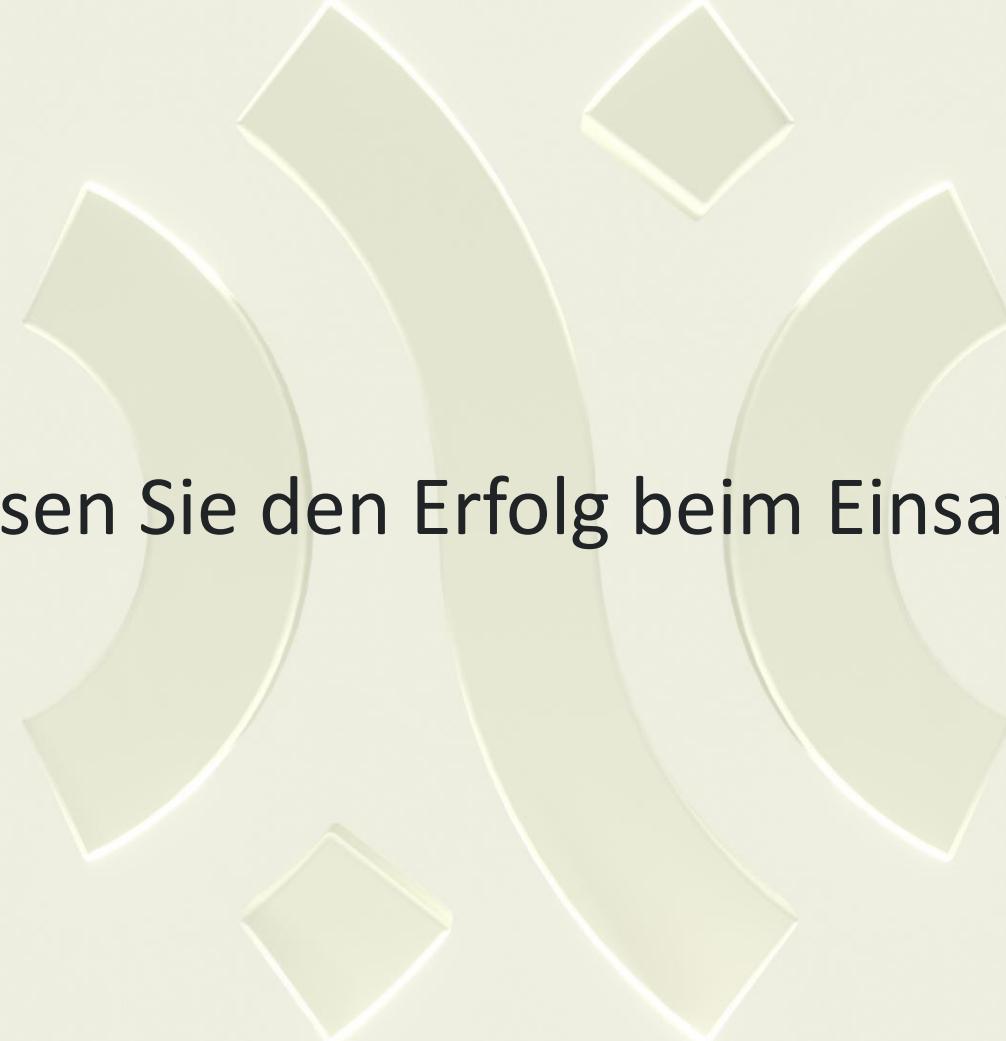
Welche Use Cases haben Sie in Ihrer Organisation identifiziert?



Welche Herausforderungen sind bei der
Implementierung von KI aufgetreten?



Wie adressieren Sie diese Herausforderungen?

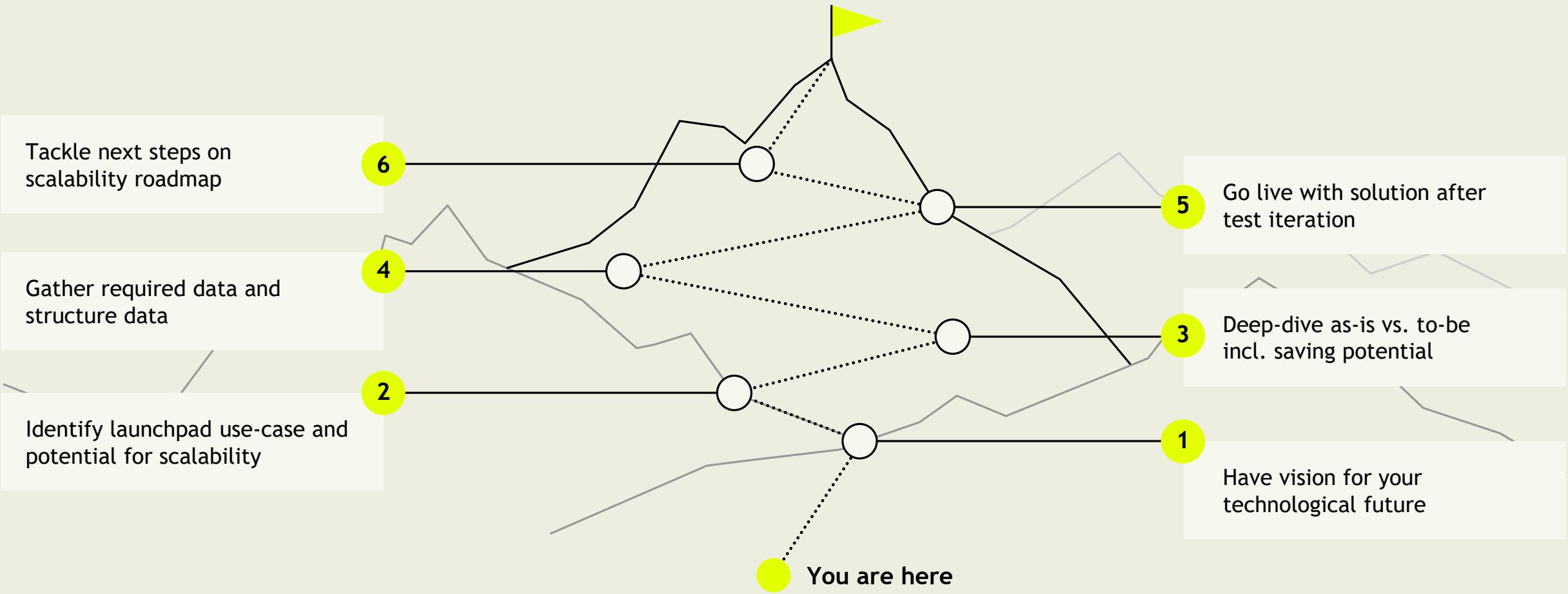


Wie messen Sie den Erfolg beim Einsatz von KI?

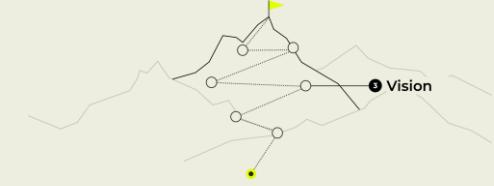
05

Summary

Your core processes can be made **more efficient with higher quality** leveraging latest AI technology ...



Define a clear vision, success criteria and evaluation plan



Thank you!



Andreas Geiss
Vice President Industrial

+49 171 2704732
andreas.geiss@aleph-alpha.com



Aziz Daroui
Senior Solutions Principal

+49 151 21951574
abdelaziz.daroui@aleph-alpha.com



Sophia Eichler
Lead Business Development & Marketing Manager

+49 151 28307815
sophia.eichler@aleph-alpha.com

