

NextGen SAP Finance & Corporate Functions

AI Exploration Workshop

Agenda für den heutigen Tag

0	08.00 - 08.30	Ankommen Start in den Tag mit einer Tasse Kaffee und Snacks	Alle
1	08.30 - 08.45	Begrüßung, Recap und Zielsetzung Willkommen, Kurzer Recap, Zielstellung und Agenda für den Tag	Mario, Manuel & Luisa
2	08.45 - 09.00	Gemeinsamen Nenner für die Use Case Bewertung finden Wie wir den Wert von Use-Cases heute bewerten wollen	Florian Knüppel & Dominic Ronke
3	09.00 - 10.20	Break-Out Rooms: Use Case Vorstellung (Embedded & Agentic) Tieferlegung der Standard Use Cases und Einordnung auf der Matrix und Auswahl von Quick Wins	Break-Out Rooms
Pause			
	10.30-11.30	Break-Out Rooms: Use Case Vorstellung (Custom) Pitch der Custom Use Cases und Einordnung auf der Matrix und Auswahl von Quick Wins	Break-Out Rooms
4	11.30 - 12.00	Vorstellung der Ergebnisse in Großer Runde Vorstellung und Konsolidierung der Ergebnisse aus den Break-Out Rooms	Gruppenleiter der Break-out Rooms
5	12.00 - 12.15	Next Steps Wie wir jetzt mit den Use Cases fortfahren und was wir noch für die Adoption brauchen	Mario, Manuel & Luisa
Gemeinsamer Lunch			

NextGen SAP Finance & Corporate Functions

Break-out Room: Operative Buchungs- & Abschlussprozesse

SAP Expertinnen in unserem Break-Out Room

Pre-Sales



Alina

Prozessexpertin



Annuschka

**Break-Out Room
Leiterin**



Alisa

Übersicht über Use Cases & Break-Out Rooms

Σ 15 Use Cases

Gruppe: Stammdaten

Use Cases

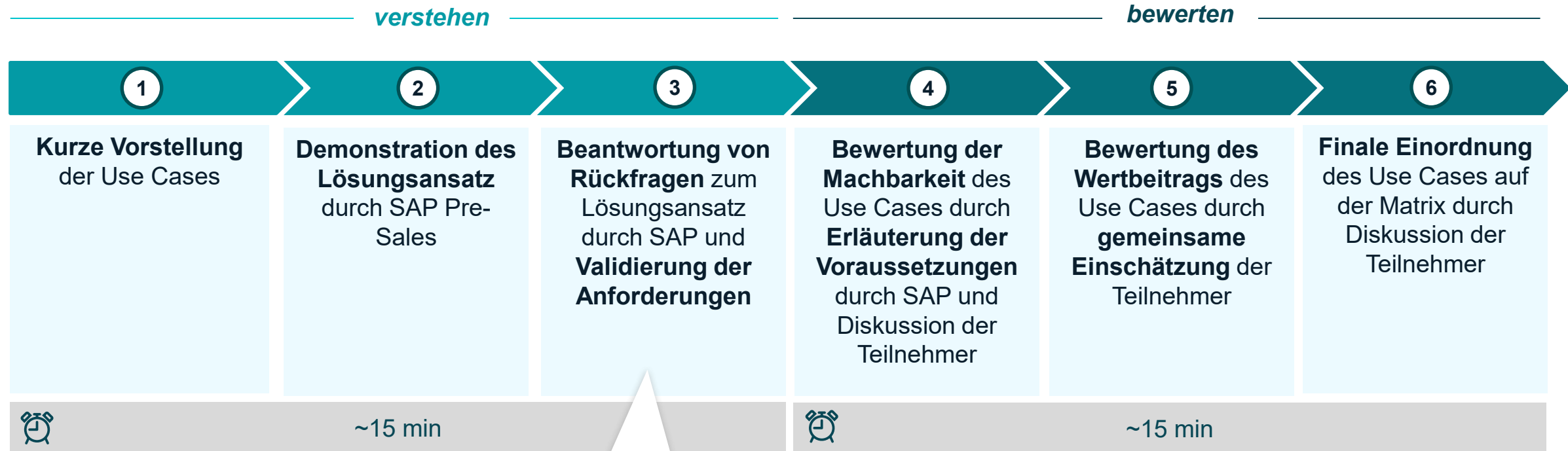
1. Joule (Fokus: Stammdatenanlage, 5 UCs)
2. Business Partner Assistant ★
3. Anlage BUKRS ★
4. Freistellungsbescheinigung ★

Gruppe: Operative Buchungs- & Abschlussprozesse

Use Cases:

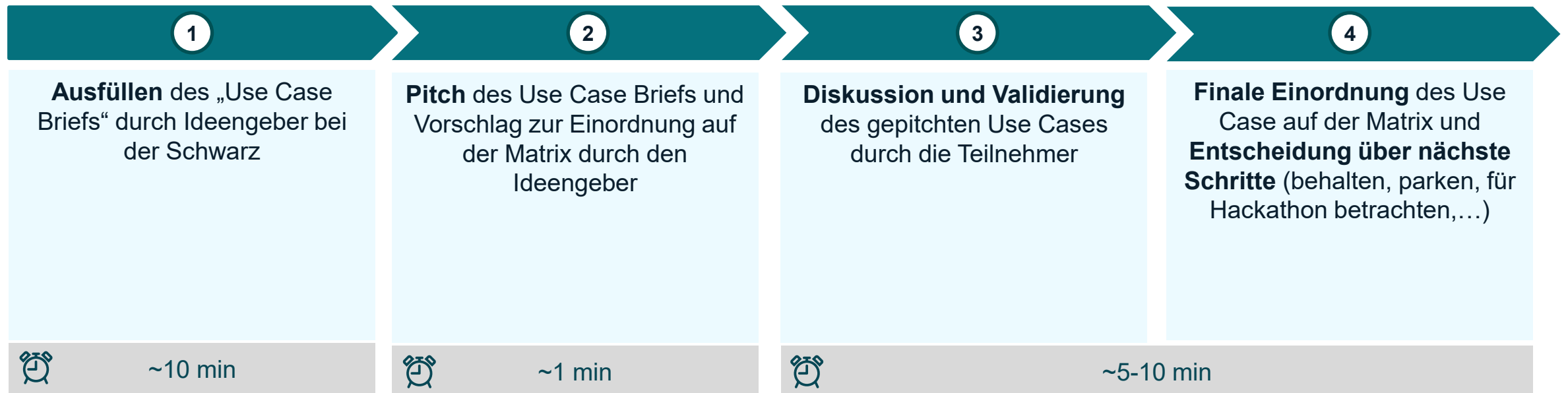
1. Financial Closing Assistant (5 UCs)
2. Financial Planning Assistant + Analytical Insights
3. Sales Order Creation

Step 1: Zunächst werden embedded & agentic Lösungen tiefergelegt und bewertet



Wird eine Anforderungen nicht von der Standardlösung abgedeckt, wird diese auf die **Liste mit Custom Cases hinzugefügt** und im zweiten Teil der Session tiefergelegt.

Step 2: Im zweiten Teil der Session tauchen wir in Custom Cases und weitere gesammelte Ideen & Anforderungen ein





Los geht's!

Step 1: Welche Use Cases sind für unser Cluster relevant?

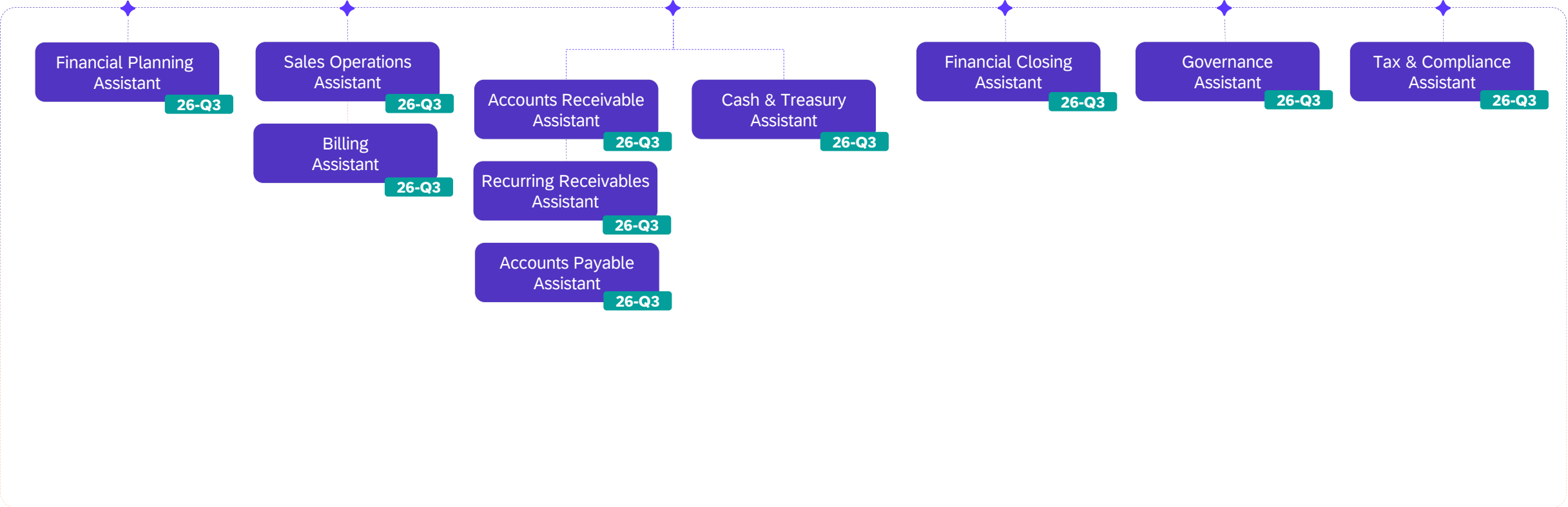
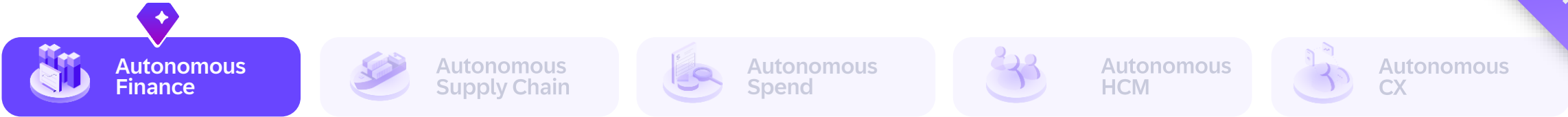
Cluster C Operative Buchungs- & Abschlussprozesse	4	Rechnungsabgrenzung	automatische Ermittlung und Verbuchung von RAP (vor- oder nachgelagert)	Financial Closing Assistant (insbes. Accounting Accruals Agent, Journal Entry Agent)
	28	Einzel-und Dauerkalkulatorik	Erstellung eines Agenten zur Ermittlung und Verbuchung aller im Monatsabschluss notwendigen Einzel- und Dauerkalk-Buchungen. Der Agent soll automatisch alle Buchungskreise bearbeiten und den Business Controllern eine Vorschlagsliste mit notwendigen Buchungen erstellen und diese nach Freigabe selbstständig buchen.	
	49	Accrual Agent für Kostenpositionen	automatische Ermittlung von Rückstellungs- bzw. Abgrenzungsbedarf, vor allem in den operativen Kostenpositionen	
	130	Abgrenzungsprozess SAP Monatsabschluss	Automatisierter Prozess zur Validierung und buchungsfertigen Aufbereitung von fachbereichsgelieferten Abgrenzungs-/Umlagedateien im Monatsabschluss	
	20	SEN_Suchfunktionen über den ganzen Buchungsstoff	Suchfunktion über den Buchungsstoff einer Gesellschaft (eig. Joule)	
	37	SEN_KI-gestützte KER-Analyse & automatisierter Plan/Ist-Abgleich	Automatisiertes Einlesen von monatlichen Plan- und Ist-Zahlen zur Erstellung dynamischer KER-Analysen (Kurzfristige Erfolgsrechnung). Die KI identifiziert selbstständig wesentliche Abweichungen, analysiert die Ursachen	Financial Planning Assistant + Analytical Insights
	22	KL_Kundenauftragsanlage	Notfallszenario: Auftragsanlage mit Excel-/Google-Datei	Sales Order Creation

AI in Financial Management

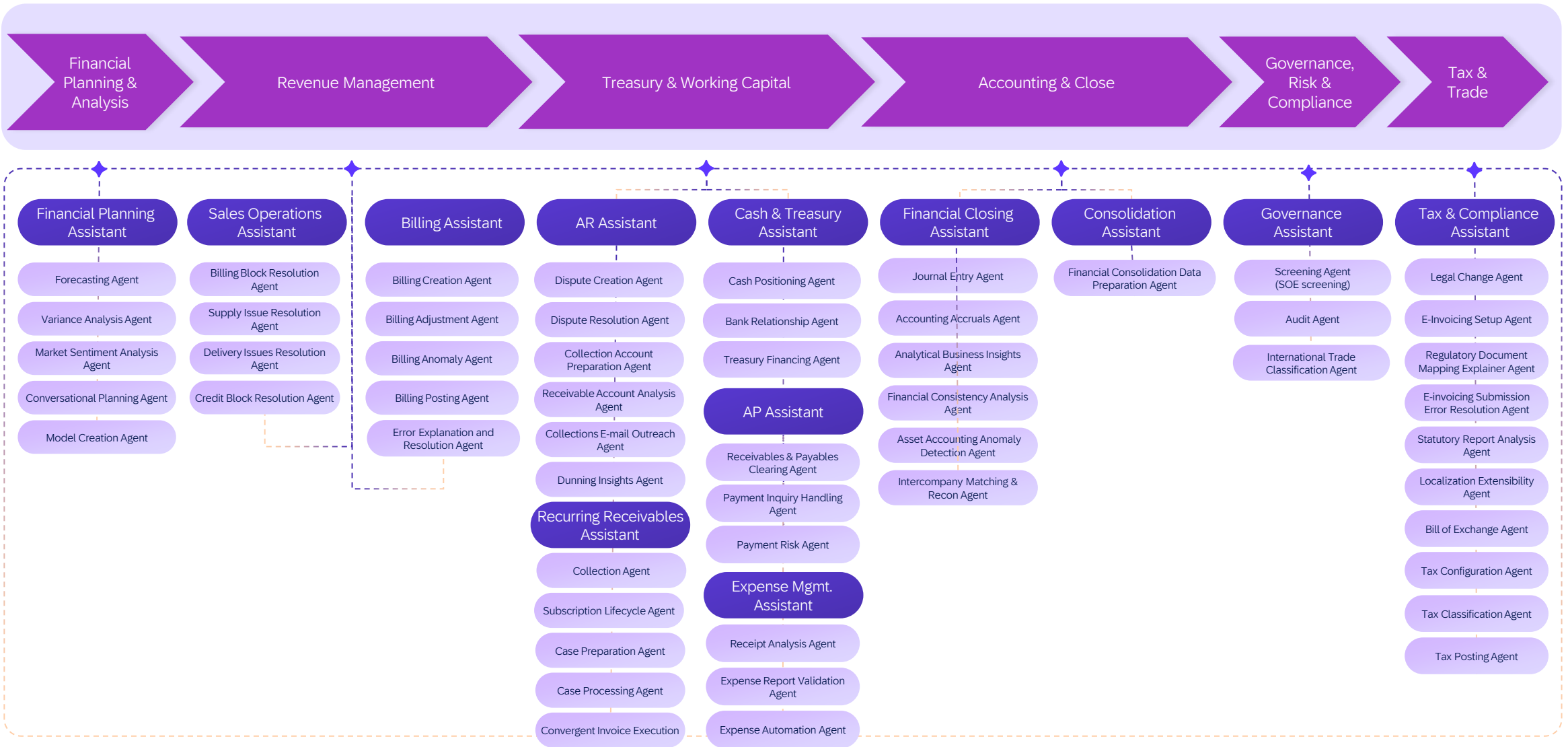


Autonomous Finance Roadmap

Labs Preview



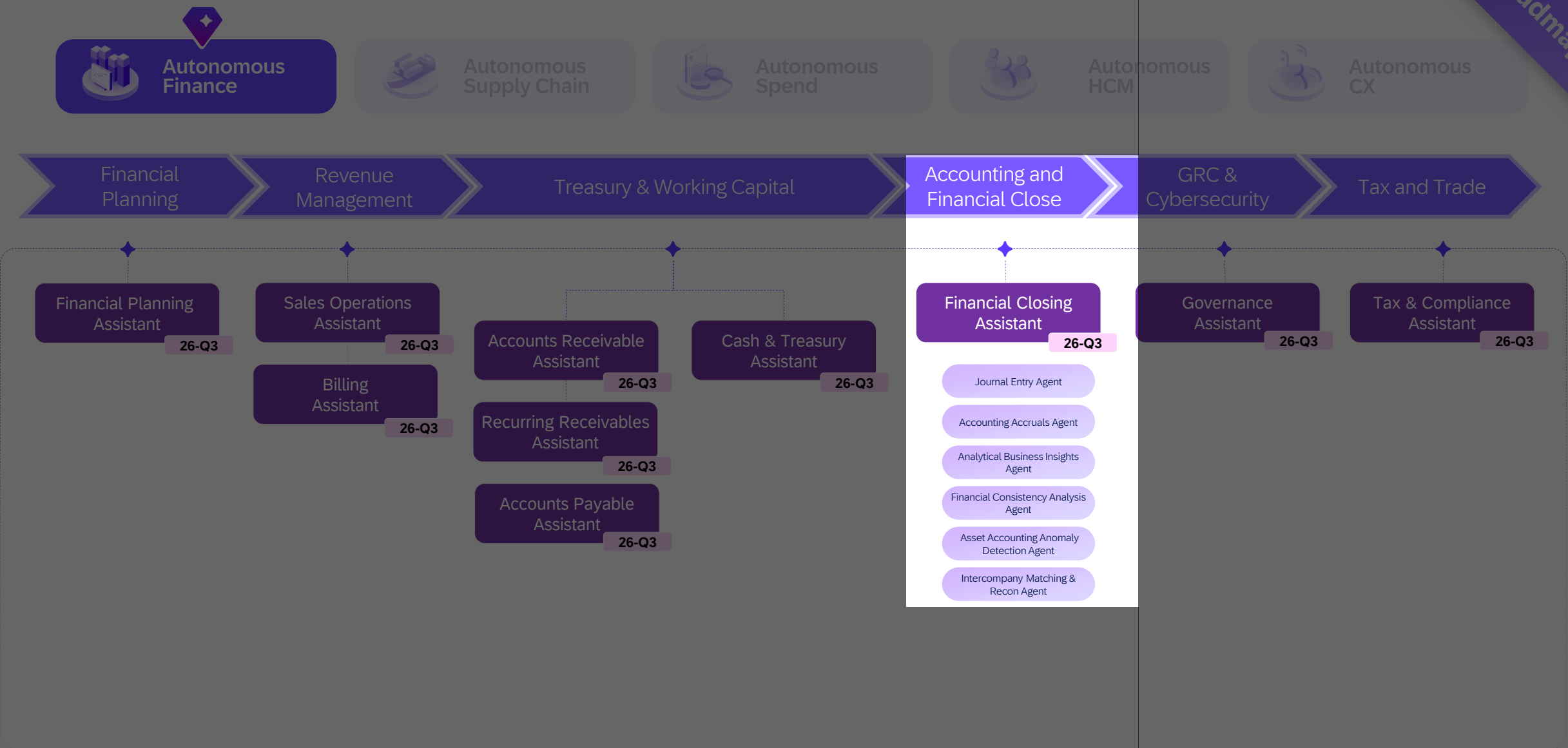
Autonomous Finance



NextGen SAP Finance & Corporate Functions

Financial Closing Assistant

Autonomous Finance Roadmap



Public Roadmap

Jointly SAP Autonomous Suite AI Platform

Labs Preview

Introducing the Financial Closing Assistant

Leverage an agentic workforce for faster financial closes



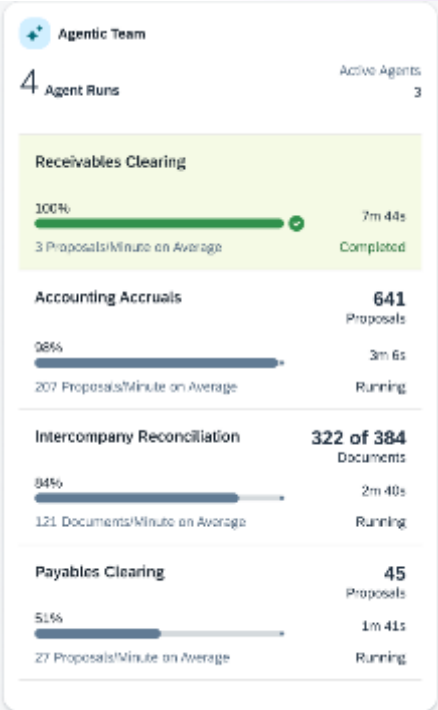
Financial Closing Assistant

- Faster close cycles
- Improved accuracy and consistency
- Greater finance team productivity

Agents

- Analytical business insights
- Financial Consistency Analysis
- Receivables & Payables Clearing
- Accounting accruals
- Journal entry
- Intercompany matching and reconciliation
- Asset Accounting Anomaly detection

Status cards



20-30%

productivity increase in GL & closing

10-20%

time reduction in closing cycle

Enhanced

reporting accuracy

Accounting Accruals Agent

Accounting_Policy_Monthly_Accru...
Page 1 of 2

1

2

Warranty Accruals

Warranty fees are billed in arrears, so it is mandatory to accrue the costs at period-end to match occurred expenses with usage. This involves debiting Warranty Expense and crediting Accrued Liabilities at the end of the period and reversing this posting at the beginning of the next period until the invoice is received and posted.

Business Scenario

Accruals posting

In the company code 1010 we consider warranty accruals as being part of the expense category 002 where 002 means "warranty".

We post warranty accruals by recording the accrual posting in the transaction currency EUR. Accruals are posted on the last day of the period and automatically reversed on the first day of the next period with reason code 01.

For the accrual posting, we post the accrual liabilities on the GL account 24091000 in credit and accrual expenses on the offsetting account 65008600 in debit. The line-item description must include "warranty accruals," and we'll use document type SA for this manual accrual.

The accrued expenses are posted to the Cost Center 10101201.

Accruals Calculation Method

To calculate the accrual amount for the current month, we compute 3% of the total sales revenue posted in the current month.

When the warranty invoice comes in, we record it in the company code 1010 by crediting the GL account 41000000. The line-item description must include the word "warranty for sales revenue," and we'll use document type DR for this entry.

Electricity Accruals

Electricity fees are billed in arrears, so it is mandatory to accrue the costs at period-end to match occurred expenses with usage. This involves debiting Electricity Expense and crediting Accrued Liabilities at the end of the period and reversing this posting at the beginning of the next period until the invoice is received and posted.

Business Scenario

Electricity Accruals posting

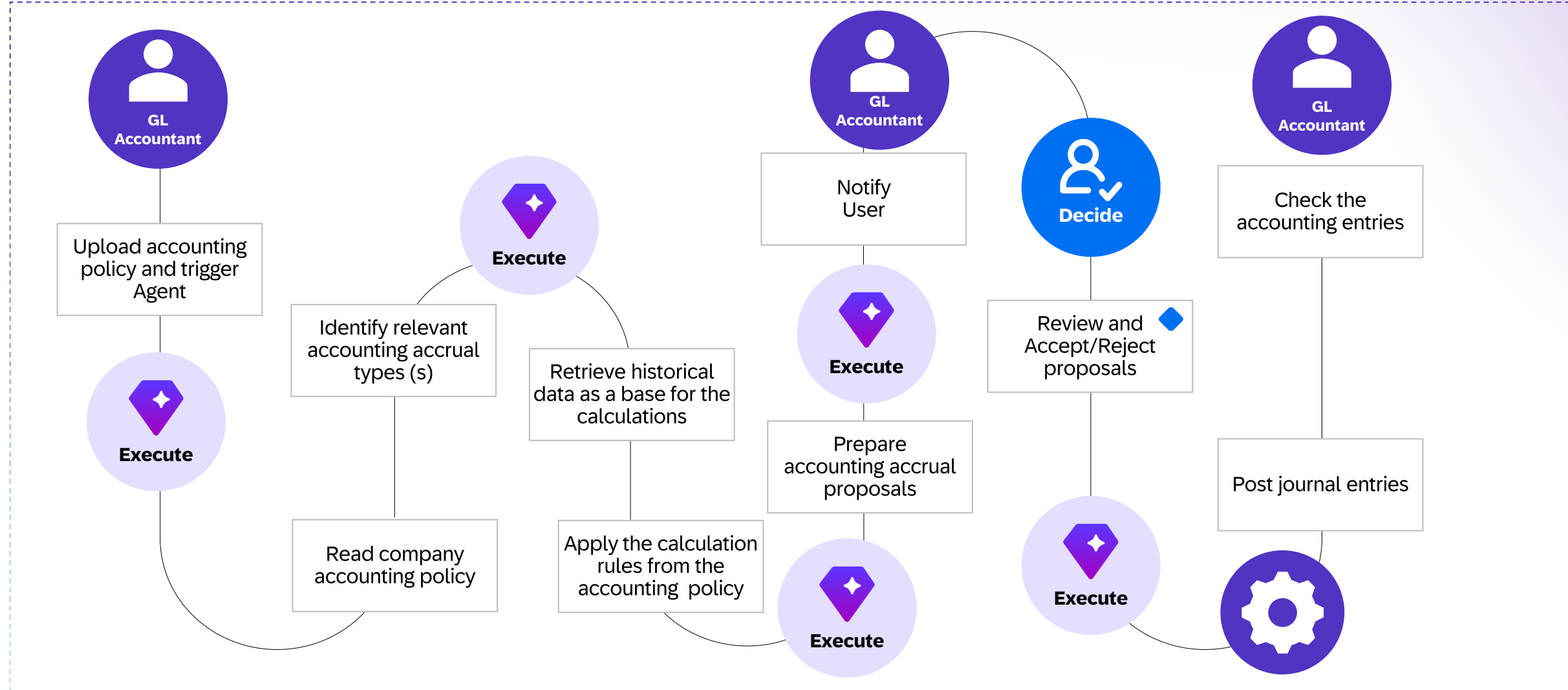
In the company code 1010 we consider electricity accruals as being part of the expense category 001 where 001 means "electricity".

We post electricity accruals by recording the accrual posting in the transaction currency EUR. Accruals are posted on the last day of the period and automatically reversed on the first day of the next period with reason code 05.



Accounting Accruals Agent

Process flow and involved roles



Details: Accounting Accruals Agent

Product Assistance (1/2)

Unique Agentic Use of Foundational ERP

The assistant, leverages the following Foundational ERP Components:

- SAP Universal Journal
- Agent places proposals in the Manage Accrual Proposals app

Working with the Accruals Agent:

1. Prepare a handbook containing your company's accounting policies, expense categories, and accrual calculation rules.
2. Open the Joule chat window from the Manage Accrual Proposals app and send a message to upload the handbook.
For example:

"I want to upload an accounting policy handbook."

"Help me upload an accounting policy handbook."

Joule prompts you to upload a file. Select the handbook and upload it. Upon successful upload, Joule displays the confirmation message: "The accounting policy handbook has been successfully uploaded."

Note:

The handbook must be in PDF format.

Additional handbooks can be uploaded as soon as the previous processing is completed.

Details: Accounting Accruals Agent

Product Assistance (2/2)

Working with the Accruals Assistant (Continued)

3. Send a message to trigger the generation of accrual proposals. For example:

"Propose accounting documents for accruals that have not yet been posted to the ledger for the month of [month] [year] for company code xxx."

"Create proposals and accounting documents for accruals in the month of [month] [year] for company code xxx."

The Accounting Accruals Agent reads the accounting policy, identifies relevant accrual types, retrieves historical data, applies calculation rules, and generates accrual proposals.

Note:

Alternatively, select the Generate Proposals quick action button when available. This option creates accrual proposals for the current month.

4. Check system notifications of accrual proposals.
5. In the **Manage Accrual Proposals** app, review the proposals:
 - To post an accrual journal entry immediately, select Post.
 - If the posting fails after you post the accruals, select Edit in Post General Journal Entries, edit the accruals and attempt the posting again.
 - To remove or adjust a proposal, delete or modify it directly in the app.
6. Verify the posted journal entries in the **Manage Journal Entries** app to confirm accuracy and compliance with company standards.

Details: Accounting Accruals Agent

Feature Scope Description

The **Accounting Accruals Agent** automates the preparation and posting of manual accruals and deferrals — a process that traditionally requires accountants to manually interpret accounting policies, retrieve historical data, perform calculations, and prepare journal entries.

The agent handles this end-to-end by reading a company's uploaded accounting policy handbook, identifying the relevant accrual types, retrieving historical financial data, and applying the corresponding calculation rules.

The resulting accrual proposals are displayed in the **Manage Accrual Proposals** app, where accountants can review the agent's reasoning, adjust amounts if needed, and approve journal entry postings — all within a single workflow.

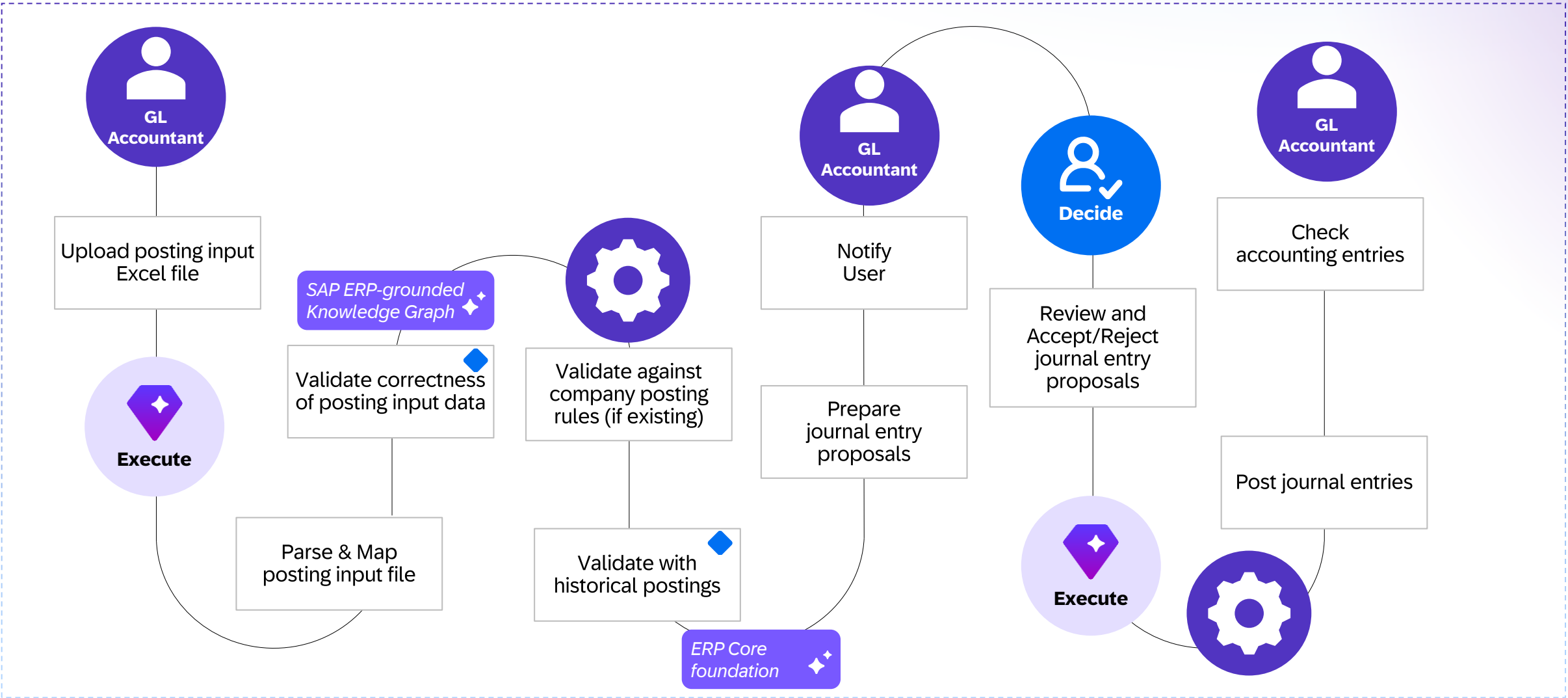
This automation reduces the manual effort and risk of error associated with month-end close, accelerates the financial closing cycle, and strengthens adherence to internal accounting policies.

Key Feature	Use
Policy-Driven Accrual Calculation	Reads and interprets the company's uploaded accounting policy handbook to determine the appropriate accrual types and calculation rules for company codes
Historical Data Retrieval	Retrieves relevant historical financial data to serve as the basis for accrual calculations
Automated Accrual Proposal Generation	Prepares accrual proposals based on the interpreted accounting policy and historical data, and display accruals
AI Reasoning Transparency	Provides visibility into the reasoning behind each proposed journal entry, enabling accountants to evaluate and validate proposals with confidence
Proposal Review and Posting	Allows accountants to review, adjust, accept, or reject accrual proposals and post journal entries directly within the Manage Accrual Proposals app
System Notification	Notifies users when accrual proposals are ready for review, ensuring timely action during month-end close.

Journal Entry Agent

Journal Entry Agent

Process flow and involved roles



Details: Journal Entry Agent

Product Assistance (2/3)

Key Features

The Journal Entry Agent provides AI-assisted support for the creation of journal entries by generating accurate and compliant journal entry proposals that streamline and automate journal entry management. The agent includes these features:

- Automatically generates journal entry proposals based on requests initiated via the Joule chat window.
- Processes spreadsheet-based input to derive complete journal entry proposals.
- Performs validation checks and provides errors and warnings to support correct postings.
- Records and displays the processing steps that led to the proposed journal entries to ensure transparency.
- Notifies users when journal entry proposals have been successfully generated and are ready for review.
- Delivers generated proposals for review, management, and posting in the **Manage Journal Entry Proposals** app.

The app allows you to:

- Review journal entry proposals prepared by the Journal Entry Agent.
- Post journal entries after reviewing the proposals.
- Delete or change proposals.
- View the uploaded file that led to the proposal.
- Use the Generate Proposals button to generate new journal entry proposals with the Journal Entry Agent.

PUBLIC

Working with the Journal Entry Agent

You interact with the Journal Entry Agent through the Joule chat window. By submitting a request and uploading a data file, you instruct the agent to analyze the content and generate journal entry proposals based on the data in the file.

Note:

When you upload a data file, the content is processed by a large language model (LLM) to generate AI-assisted results. The agent creates proposals rather than final postings, allowing you to review, validate, and adjust the proposed journal entries before posting them in the Manage Journal Entry Proposals app.

Column names do not need to match SAP field names exactly. The Journal Entry Agent can recognize similar or related field names during the mapping process. For additional examples, see [Business Examples](#).

[Link to Help Portal](#)

Details: Journal Entry Agent

Product Assistance (3/3)

Spreadsheet Requirements

The Journal Entry Agent requires spreadsheet-based input. You must upload a Microsoft Excel file (.xlsx or .csv) containing the data required to create journal entries.

A single uploaded spreadsheet can result in a maximum of 999 journal entry proposals.

The file does not need to follow a predefined template. The agent scans the spreadsheet and proposes a mapping between the file columns and the journal entry fields required for posting. The uploaded data must include values that can be mapped to the mandatory journal entry fields. **Your file must therefore include data that can be mapped to the following fields: Journal Entry Date; Posting Date; Journal Entry Type; Company Code; Transaction Currency; G/L Account; Debit Amount; Credit Amount**

For best results, structure the data in clearly separated columns. Column names do not need to match SAP field names exactly. The Journal Entry Agent can recognize similar or related field names during the mapping process.

Company Code	Posting Date	JE Date	JE Type	Amount	Currency	Debit Account	Credit Account	Cost Center
1010	17/01/2026	10/01/2026	SA	666	EUR	66000000		10101201
1010	17/01/2026	10/01/2026	SA	666	EUR		63001000	10101101

Working with Proposals

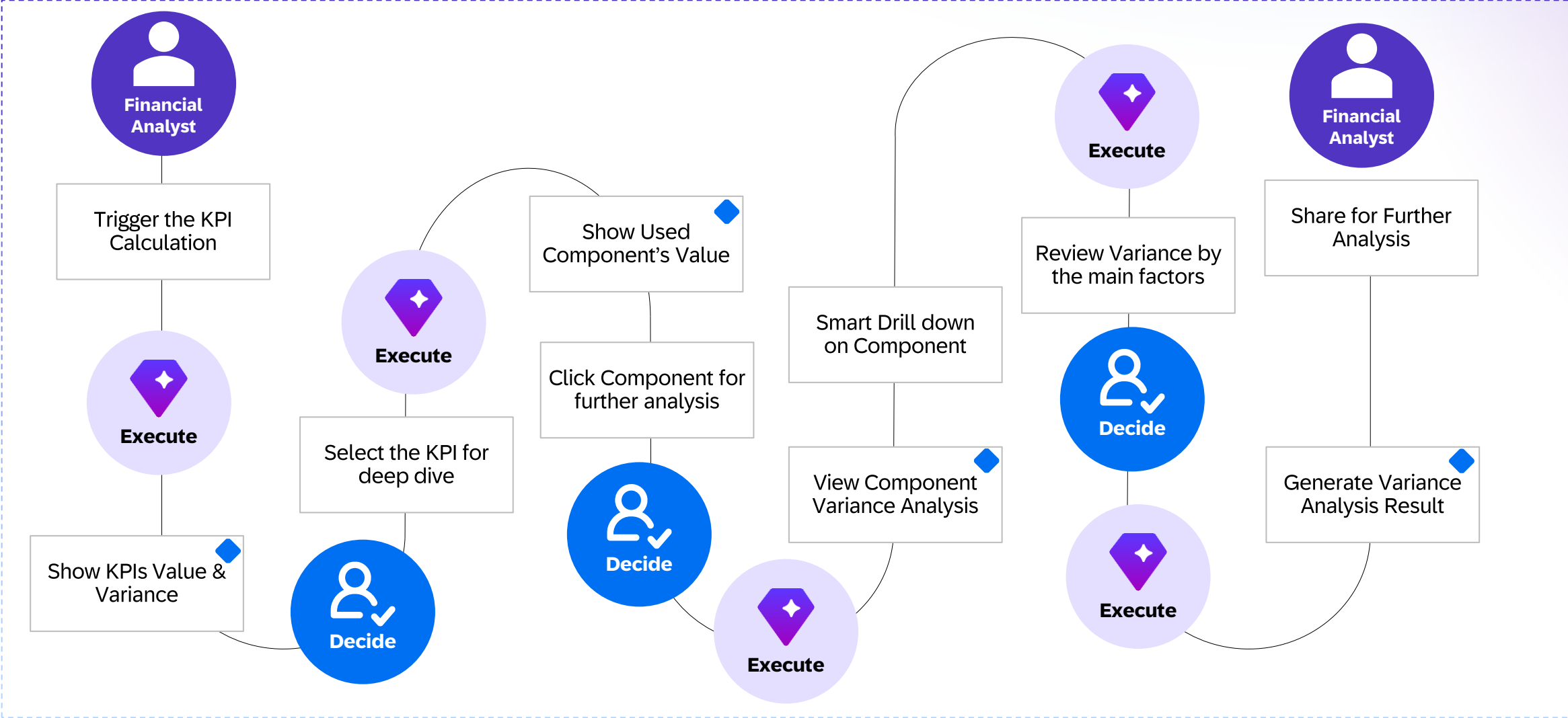
All journal entry proposals created by the Journal Entry Agent are displayed in the Manage Journal Entry Proposals app. From there, you can review proposal details, inspect validation messages, view the processing steps performed by the agent, and access the uploaded source file. After successful review and confirmation, proposals can be posted directly. Posting updates the proposal status accordingly and completes the process within SAP S/4HANA Cloud Public Edition or SAP S/4HANA Cloud Private Edition.

For more information about the Manage Journal Entry Proposals, see [Manage Journal Entry Proposals](#).

Analytical Business Insights Agent

Analytical Business Insight Agent

Process flow and involved roles



Details: Analytical Business Insight Agent

Product Assistance (2/3)

Working with the Analytical Business Insights Agent:

Use the following prompts to trigger the Analytical Business Insights Agent to perform data investigation and analyze your financial data:

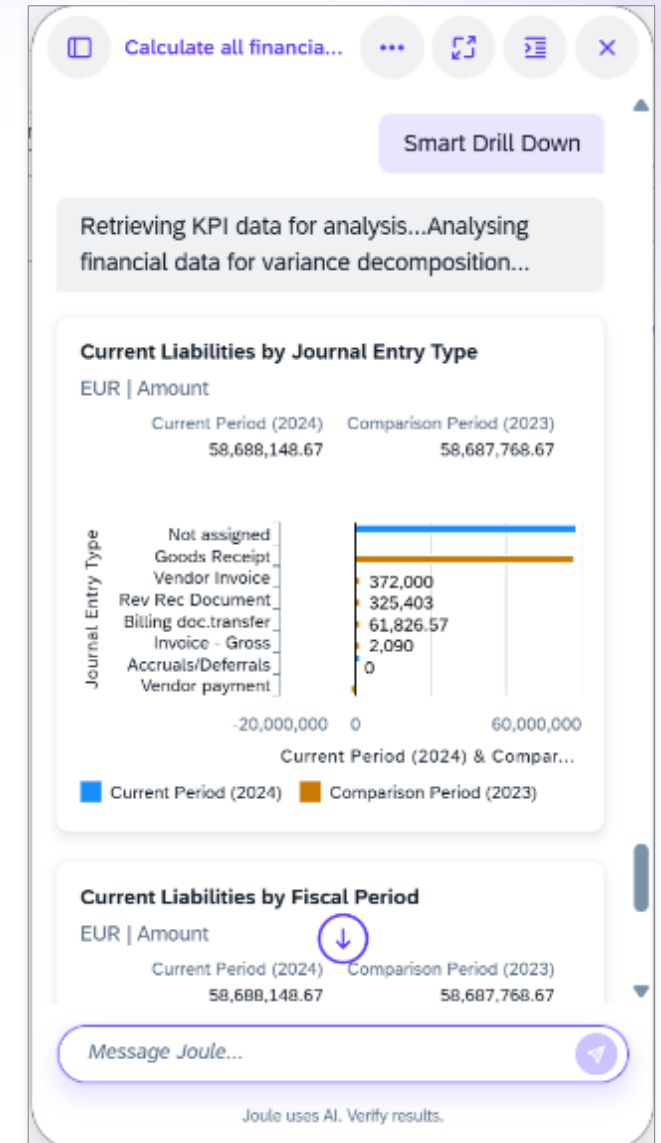
- Calculate All KPIs
- Show All KPIs
- Calculate Financial KPIs
- List All Financial Metrics
- View KPI Values
- Analyze a Specific KPI (e.g., “Analyze Cash Ratio”)
- Variance Summary

Variance Analysis

Variance Analysis helps you understand why your metrics changed and what caused the performance shifts. After you use Smart Drill Down to enrich your data with additional dimensions, use the Contribution Attribution method to perform this analysis. Contribution Attribution separates the total variance into specific contributions from each dimension or dimension combination. For example, if revenue decreased by \$50,000, the method shows exactly how much came from each segment, profit center, product, and other dimension. This pinpoints where you should focus your attention.

Small Drill Down Rules

Smart Drill Down is a dimensional analysis capability that expands financial statement line items by adding detailed breakdowns. You can analyze variances by examining how different dimensions contribute to financial changes at the account level.



Details: Analytical Business Insight Agent

Feature Scope Description

Analytical Business Insights Agent helps you evaluate company-level financial status, identify anomalies, and create summary reports.

When you identify abnormal KPI values, you can drill down into details to investigate the factors that cause the variance.

You can then share your findings with the relevant analysts for further review.

This ensures discrepancies are investigated and addressed, supporting better decision-making.

Key Feature	Use
Calculate KPIs	The system automatically calculates KPIs based on your financial statement data.
Analyze a KPI	You can examine a specific KPI to get detailed explanation.
Smart Drill Down	You can drill down into a specific KPI's details to identify what caused the variance.
Summarize Variance	You can view a summary of the factors that caused the variance.

[Link to full document](#)

Bring

it

Step 1: Welche Use Cases sind für unser Cluster relevant?

Cluster C Operative Buchungs- & Abschlussprozesse	4	Rechnungsabgrenzung	automatische Ermittlung und Verbuchung von RAP (vor- oder nachgelagert)	Financial Closing Assistant (insbes. Accounting Accruals Agent, Journal Entry Agent)
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NextGen SAP Finance & Corporate Functions

Financial Planning Assistant + Analytical Insights

Autonomous Finance

Give finance teams up to 60% more time for analysis

Financial Planning Assistant

Continuously update forecasts and plans based on internal and external signals

Improve forecast accuracy and planning insights with AI-driven variance and scenario analysis

Accelerate financial planning decisions with always-on agents and dynamic steering

30-60%

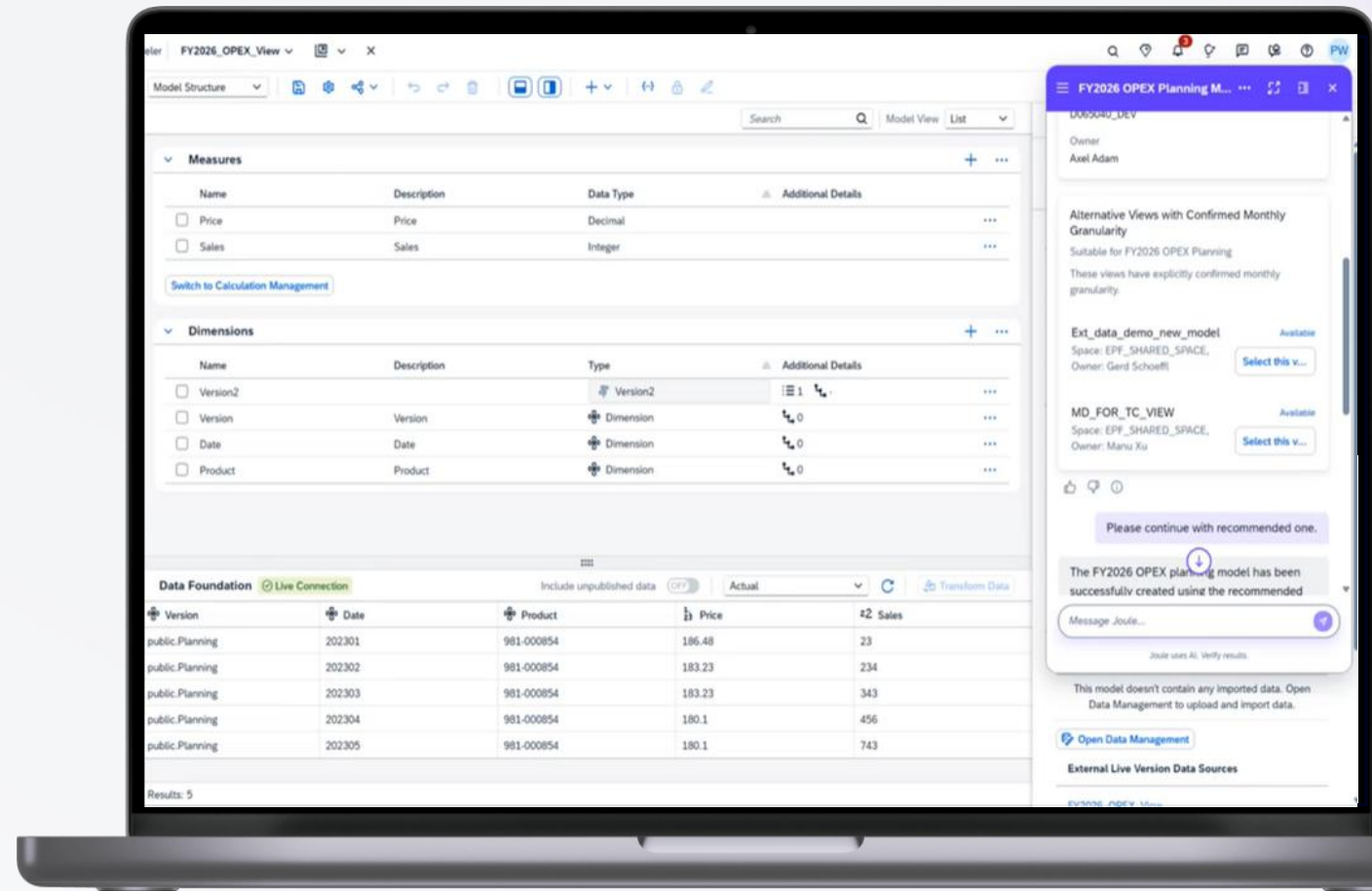
More time for analysis

60%

Less time spent on reports and forecasts

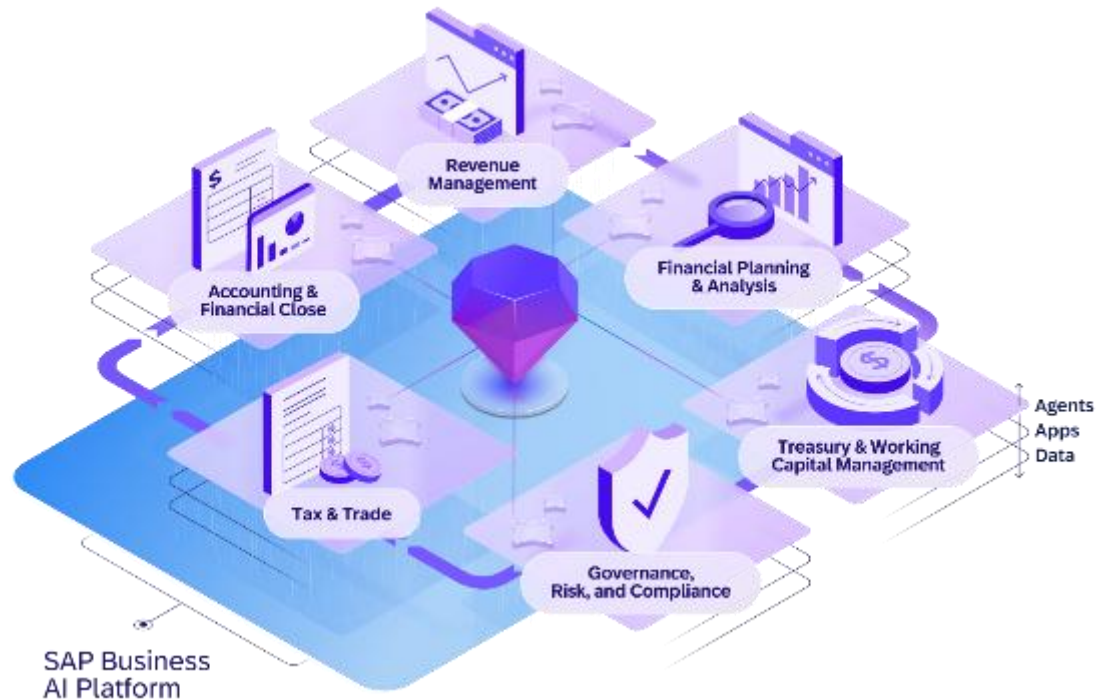
Higher

Forecast accuracy and reporting insights



Introducing the Financial Planning Assistant

Leverage an agentic workforce for faster decision making



Financial Planning Assistant

- Faster decision cycles
- Improved forecast accuracy and consistency
- Tangible business results

Agents

Sensing and Steering Agent

Enterprise Planning and Simulation Agent

Analytics and Planning Modelling Agent

60%

Increase in FP&A
FTE productivity

5%

Reduction in
forecasting
errors

2,5%

Reduction in
SG&A
overspend

NextGen SAP Finance & Corporate Functions

Sales Order Creation

Boost Sales Order Efficiency WITH JOULE
WITHOUT AI / JOULE



WITH EMBEDDED JOULE & AI



Autonomous Finance

Accelerate sales order processing and issue resolution

Sales Operations Assistant

Accelerated issue resolution with AI-guided recommendations across delivery, billing, and credit blocks

Reduce order cycle times and errors through AI-assisted sales order creation from unstructured data

Maintain accurate sales data to support better fulfillment and pricing decisions

Faster

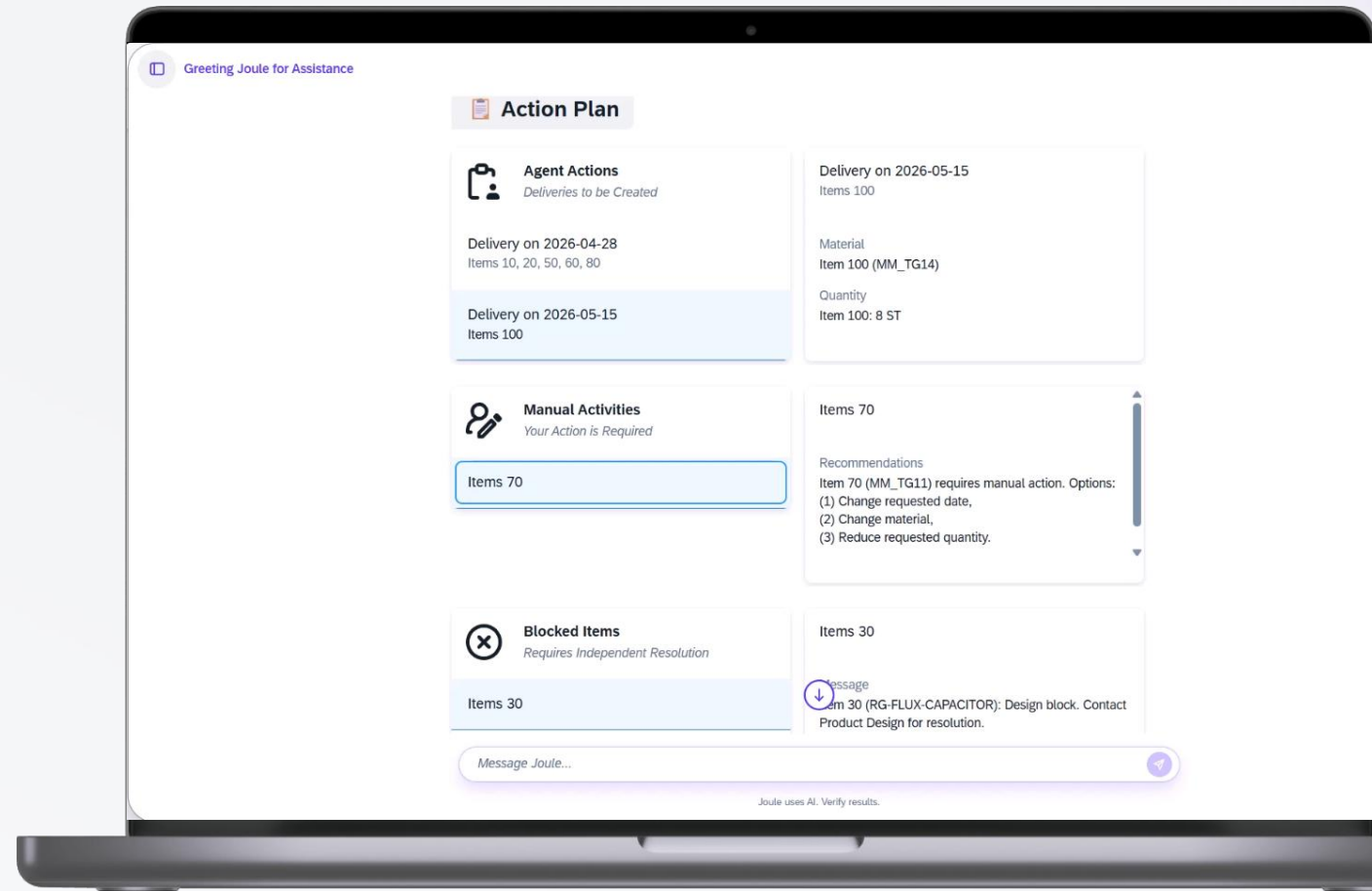
Sales order processing

Lower

Order error and fulfillment delay

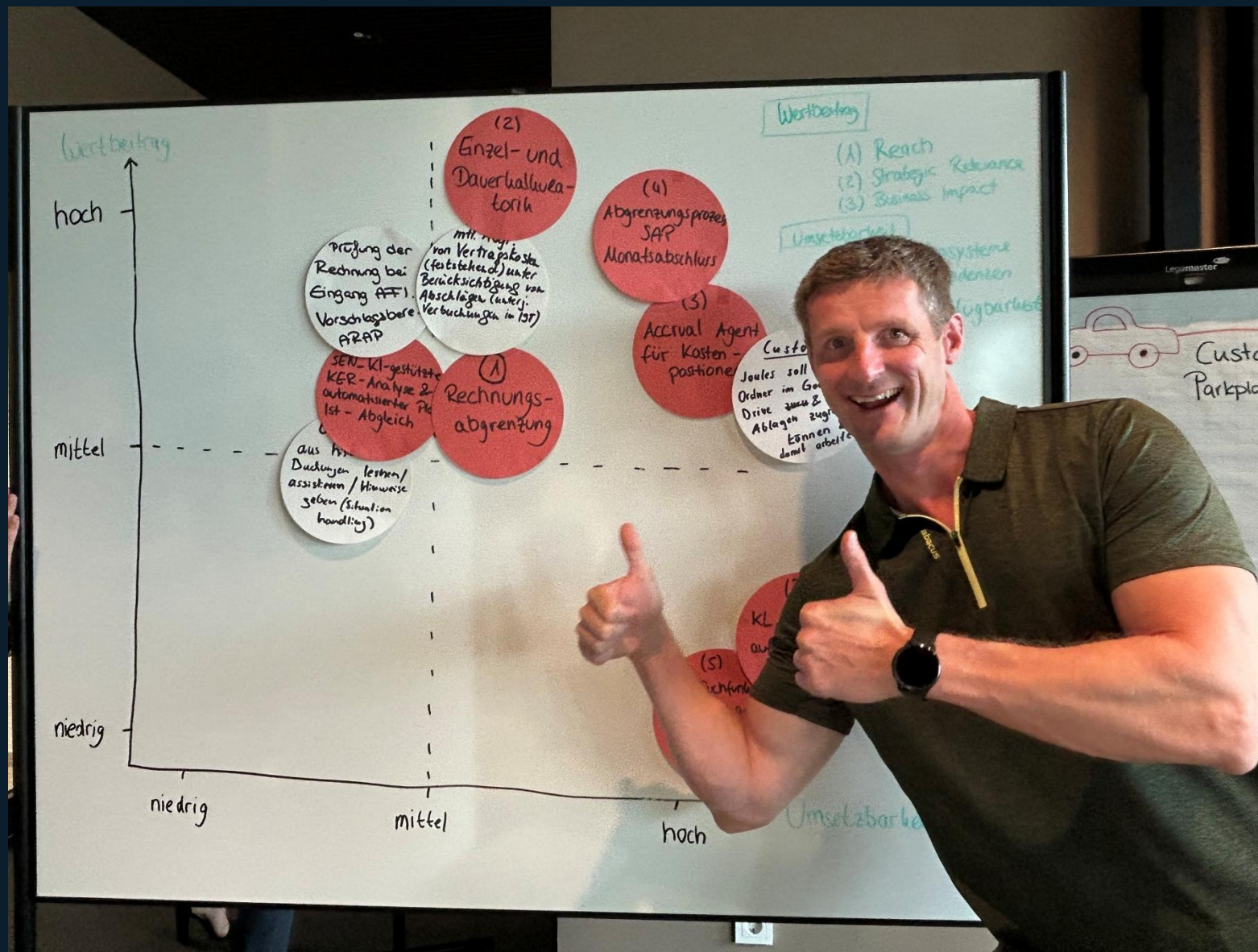
Higher

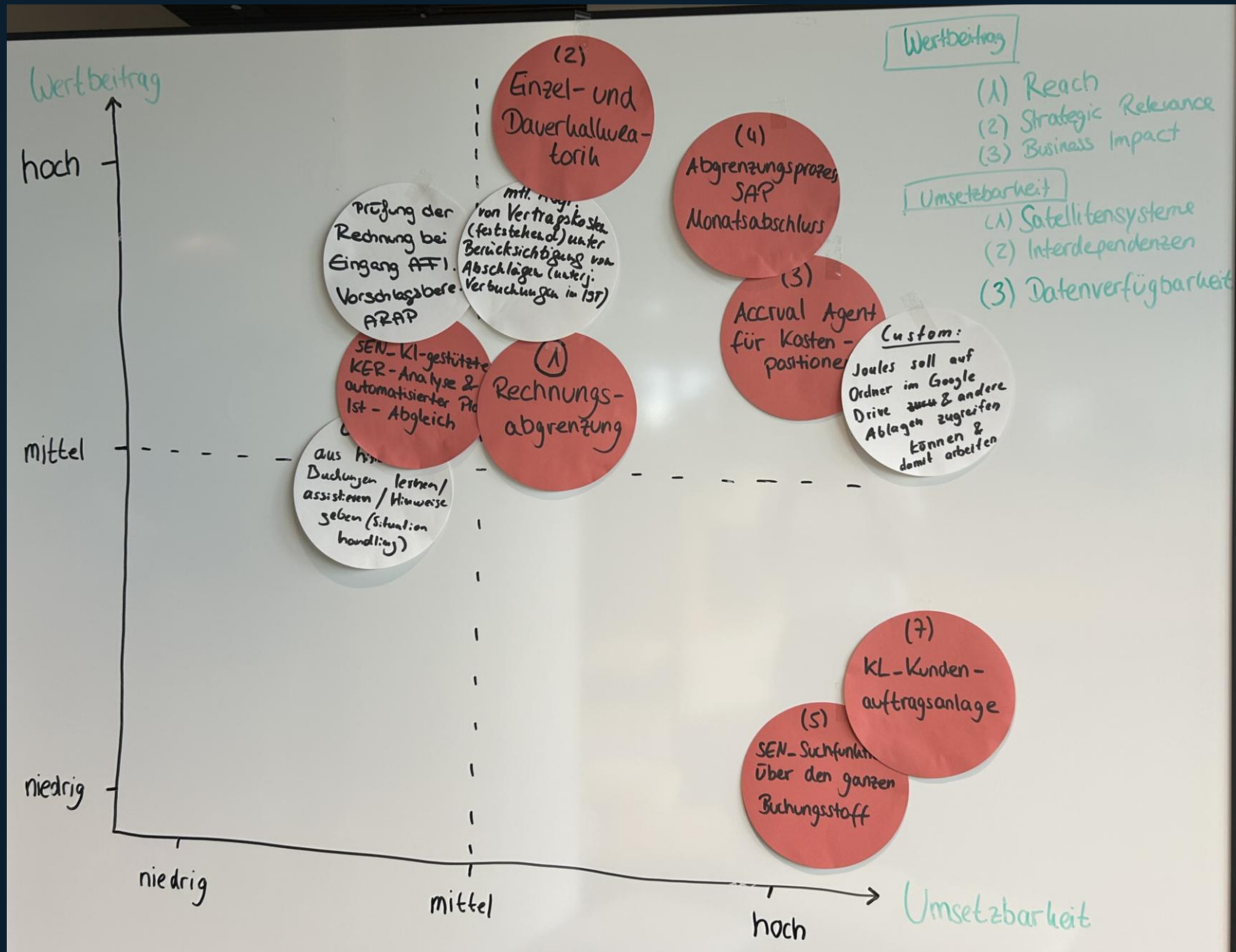
Fulfillment efficiency





Ergebnisse





Wertbeitrag

- (1) Reach
- (2) Strategic Relevance
- (3) Business Impact

Umsetzbarkeit

- (1) Satellitensysteme
- (2) Interdependenzen
- (3) Datenverfügbarkeit