



# SAP Fiori: Latest Innovations and Outlook

Thomas Reiss, SAP  
April 24, 2024

Public



**How we live determines how we want to work.**

SAP's user experience helps all users get their jobs done more easily, with better outcomes



Not only good-looking!



Easy to use and **enjoyable**, helping users work **better, together**

# In SAP software, as a user, your work is...



**Enjoyable**



**Better**



**Together**



# In SAP software, as a user, your work is...

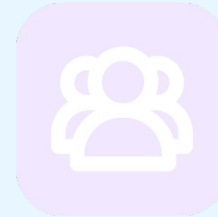


## Enjoyable

- Modern and accessible UI
- Integrated workplace
- Adaptable based on your needs



## Better



## Together

# In SAP software, as a user, your work is...



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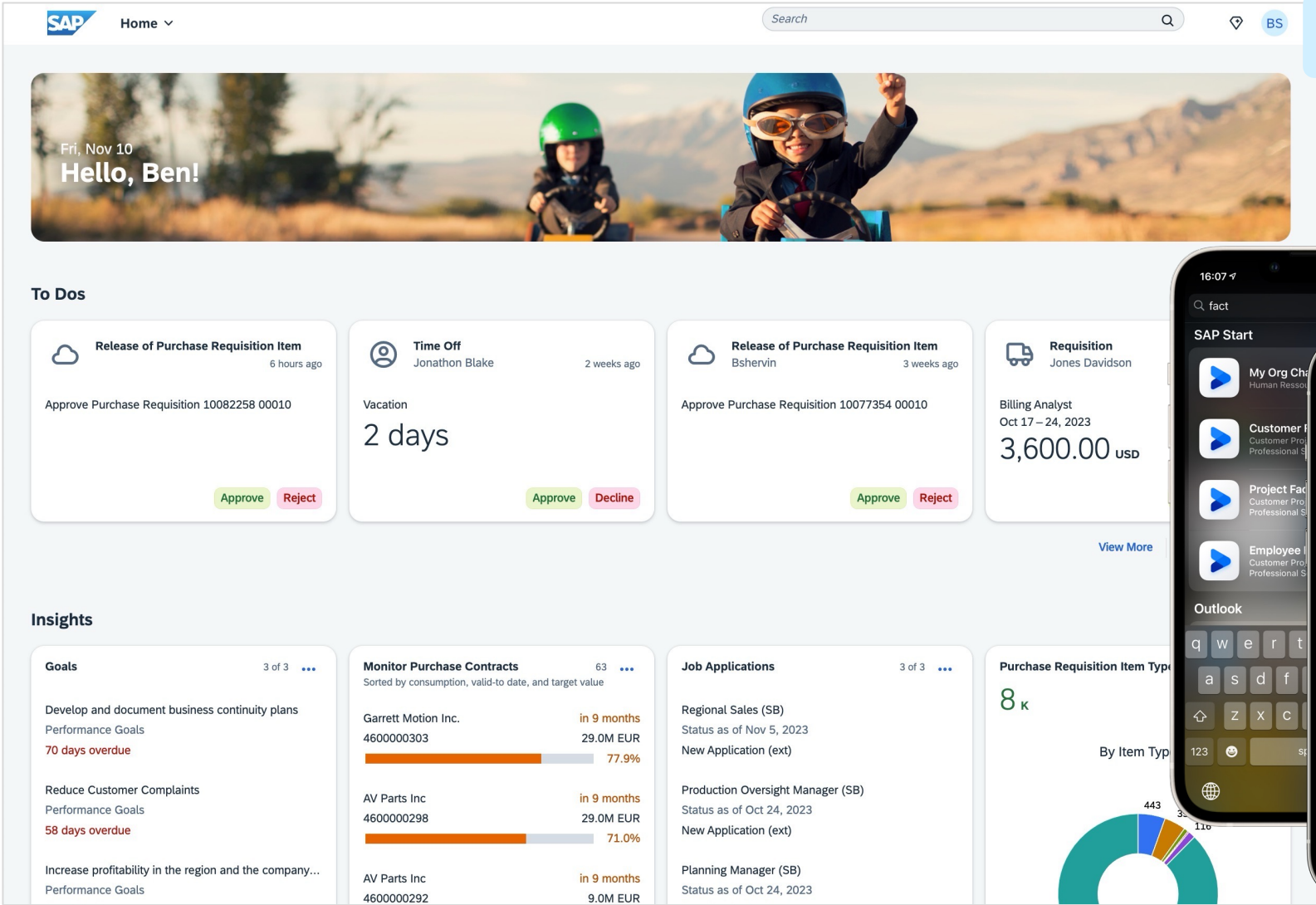


## Better



## Together

# Looks good and is accessible to everyone



Web

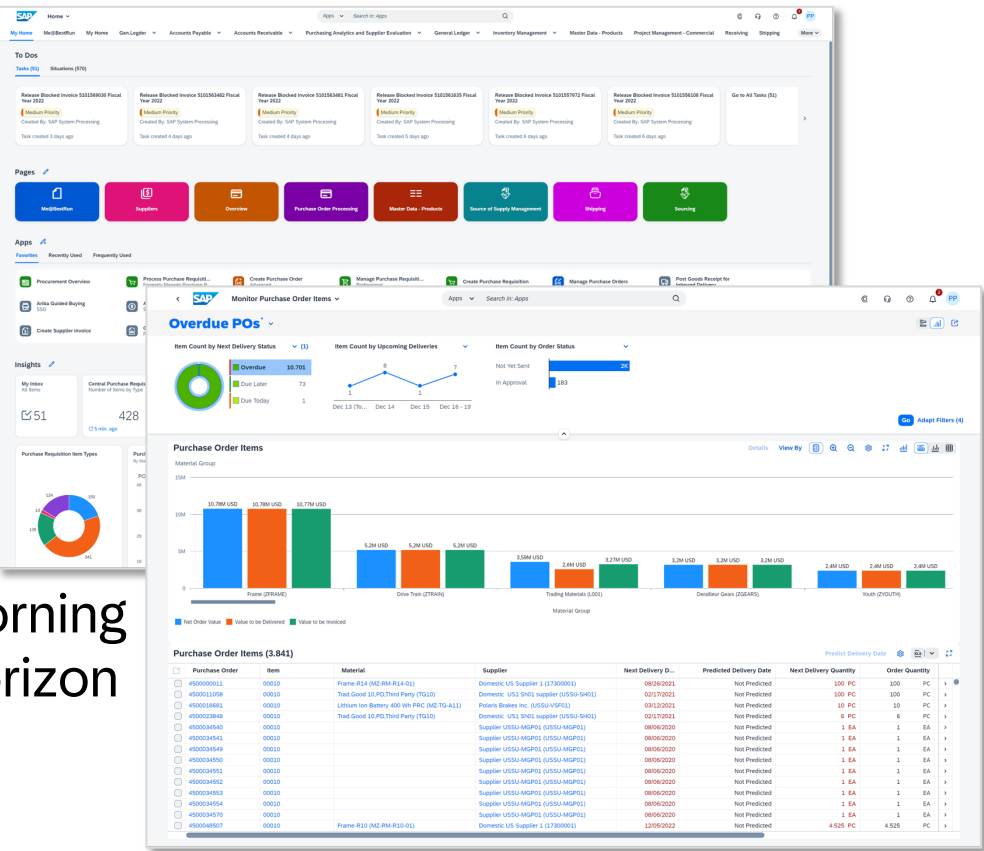
SAP Start

SAP Mobile Start

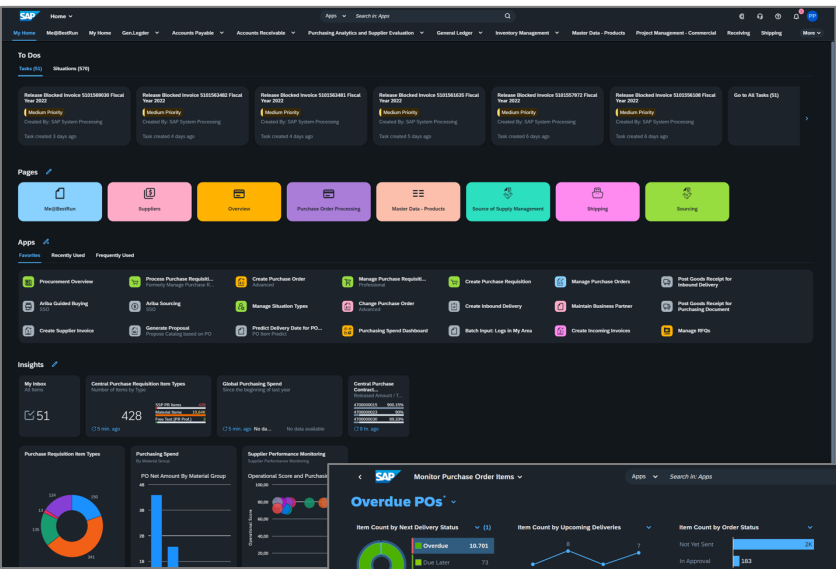
Mobile



# SAP Fiori visual design: Horizon themes

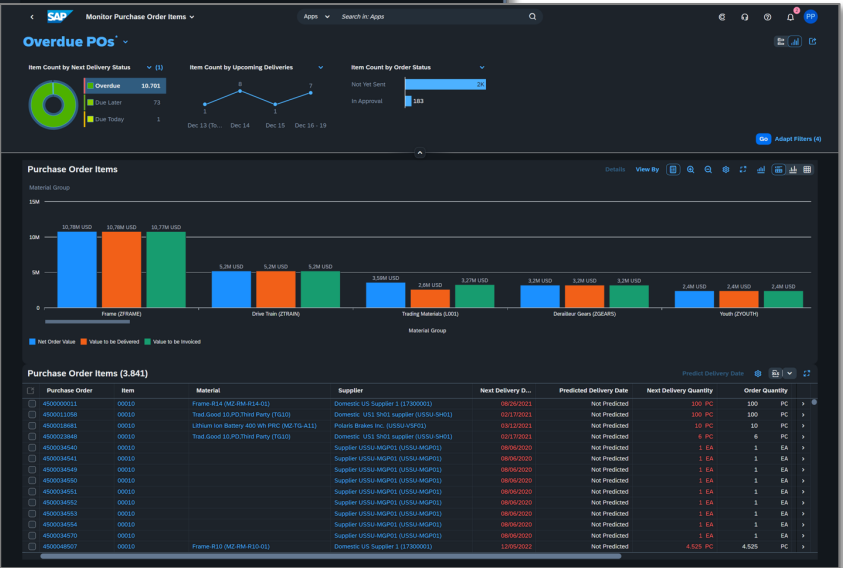


Morning  
Horizon



Evening  
Horizon

For low-light  
environments



Also available for accessibility: high contrast light and dark themes

Examples show SAP S/4HANA Cloud, private edition 2208



# SAP SuccessFactors with Horizon

Home

Search everything

Good Morning!

Quick Actions

Request Time Off

View Paylip

Record Time

View Feedback

Manage Goals

View Courses

Manage Equities

Reminders

Approvals

Absence

Geoff Hill

Submitted on May 20, 2021

Time Type: Vacation 2021

Quantity: 2 Days

Leave Period: Dec 14th - 16th

View All

External Training

Nout Golstein

Submitted on April 17, 2021

Course Title: Assertive Awareness

Type: External Learning Sy...

Price: 100 USD

Go to Meet Link

View All

Complete Verification

Isabelle Tabakova

Submitted on April 2, 2021

Course Title: Building a Better Tea...

Type: Internal Event

Completion Date: October 20th, 2021

Go to Meet Link

View All

For You Today

Review Performance

2020 Performance Review

Rating Discussion between manager and employees

James Klein

Program Coordinator

Go to the Form

View All

Goals

Performance Goals

Optimize marketing funnel for more marketing-qualified leads to meet our H1...

21 days overdue

Go to the Form

Mark as Complete

Card Title (Required)

Primary Information (Required)

Secondary Info (Req) + Tertiary Info (Opt)

★★★★★ (20)

(Name) recommended

Meal link

Organizational Updates

New Holiday E-Card Templates Available Now

Enabled directly from Outlook!

Send an Email

Redesigning SAP Fiori from the inside out

Learn more from our SAP Design Team

SAP Voted Top Place to Work, 3 Years Running!

Read the article from Forbes.

Open Link

Goals

Search everything

Increase customer satisfaction rate to 90% by end of the year (Public)

Jan 01, 2021 - Dec 31, 2021

Status: On Track

Completion: 60%

Rating: 4.5

Edit Team

Assignees (4)

manage Assignees

From My Team

Others

Name and Title	Status	Completion	
Robotech Wu (Myself)	Completed	100%	
Borislav Slavov (T1, Senior Designer)	On Track	20%	
Natalie Murphy (T1, Senior Designer)	On Track	20%	
David Shawn (T0, Designer)	Behind	50%	

Goal Description

According to the idea of leadership, the roles and responsibility of an effective leader is a person who creates an inspiring vision of the future, motivates and inspires people to engage with that vision; manages delivery of the vision and approaches and builds a team, so that it is more effective at achieving the vision.

Show All

More Info

Start Date: Jan 1, 2021

Due Date: Dec 31, 2021

Assigned From: Leon, Ho

Shared With

9:41

SAP SuccessFactors

Good morning!

Request Time Off

View Paylip

Record Time

View Feedback

Approvals

Absence

Initiated for Geoff Hill

Submitted on April 2, 2022

Period: Mar 14, 2022 - Mar 20, 2022

Time Type: Annual Leave

Absence Duration: 7 Days

Decline

Approve

Home

Goals

Search

More

9:41

Team Goal Details

To increase product usage by 25% in North America, 35% in Europe.

Last Update on Jan 1, 2022

On Track

0%

Assignees

DR 1

Accountant

On Track

DR 2

Accountant

On Track

See All

Co-owners: 3

Details

Home

Opportunities

Search

Goals

More

9:41

Opportunities

Broaden Your Experience

View More

Assignment

Project Tioga

Project

1 Oct 2022 - 31 Oct 2022

Learn New Skills

View More

Home

Opportunities

Search

Goals

More

Opportunity Marketplace

Search everything

Create Assignment

Manage My Opportunities

Search

Explore More

Broaden Your Experience

Assignment: Product Manager to Lead Innovation

Project

Jan 8, 2022-Aug 12, 2022

Assignment: Driving for Results

Project

Jan 8, 2022-Aug 12, 2022

Assignment: Displaying Creativity

Fellowship

Jan 8, 2022-Aug 12, 2022

Assignment: Time Management

Project

Jan 8, 2022-Aug 12, 2022

Discover Open Jobs

Explore More

Open Job: HRBP Expert Specific People Relations Partner(Expert (232124)

Production & Maintenance

United States, All

Open Job: Business Processes Associate Consultant (232124)

Production & Maintenance

United States, All

Open Job: Sales Operations Business Enablement Specialist (232124)

Production & Maintenance

United States, All

Open Job: User Experience Designer (423124)

Production & Maintenance

United States, All

Learn New Skills

Explore More

Learning: Reimagine: Concept design for new BI system

Online Course

12 hours

Learning: User Research: Learning Statistics with SPSS

Online Course

12 hours

Learning: Critical Thinking: Getting Started with Impact

Online Course

8 hours

Mentoring Program: Opportunity Title - Showing a case of 2 lines

Tertiary Information (Optional)

Connect with People

Explore More

Mentor: Neil Young

Senior Product Manager

Washington DC

Develop Your Career

Mentor: Susan Lee

Senior Product Manager

New York

Develop Your Career

Mentoring Program: Deep Learning: Getting Started

Secondary Information (Required)

Tertiary Information (Optional)

Mentoring Program: Opportunity Title - Showing a case of 2 lines

Secondary Information (Required)

Tertiary Information (Optional)

Explore Career Options

Explore More

Job Role: Digital Expert

Product and Design Family

Job Role: Executive Management

Product and Design Family

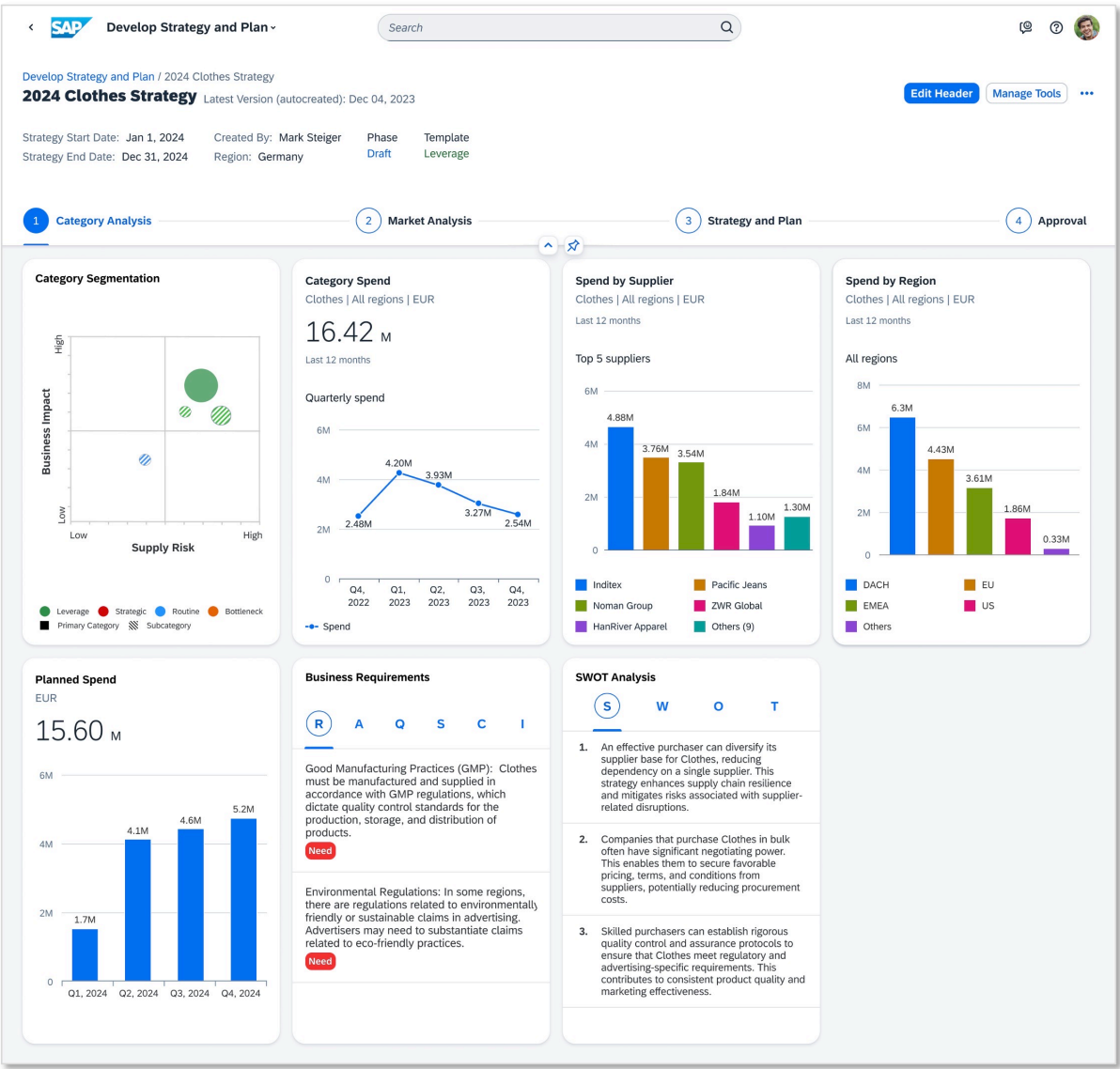
Job Role: HR Professional

Product and Design Family

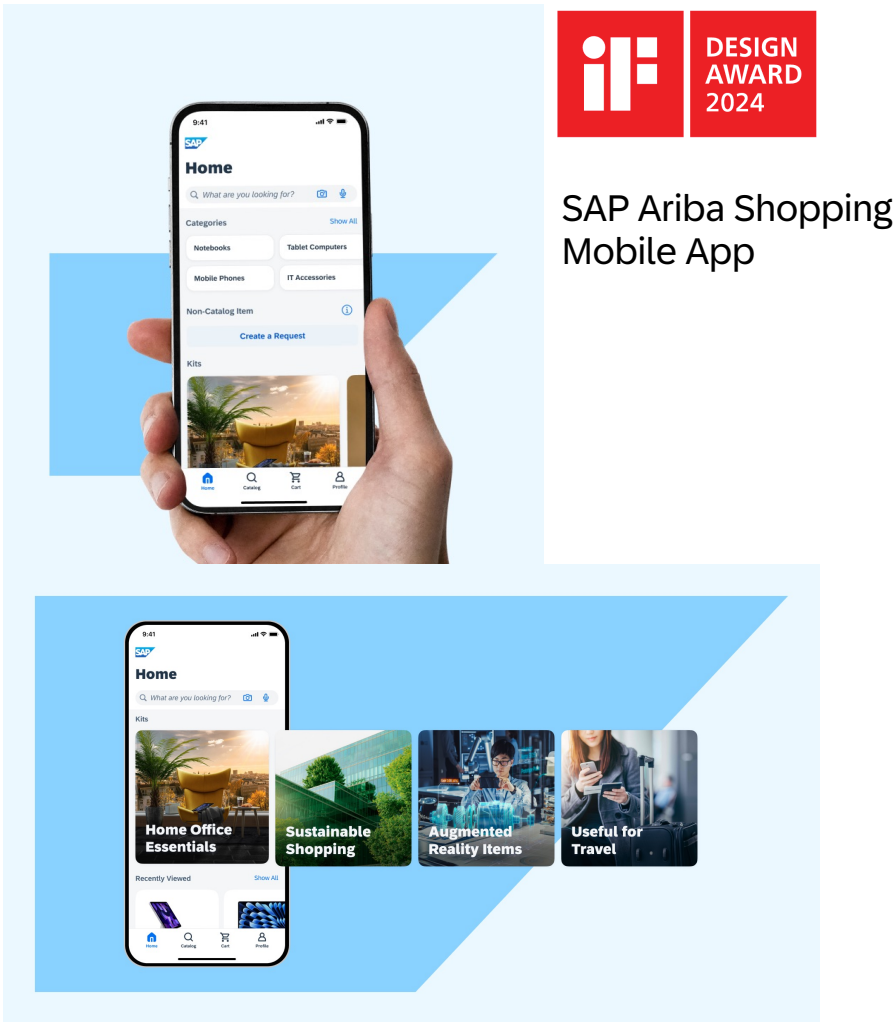
Job Role: Lawyer

Product and Design Family

# SAP Ariba with Horizon

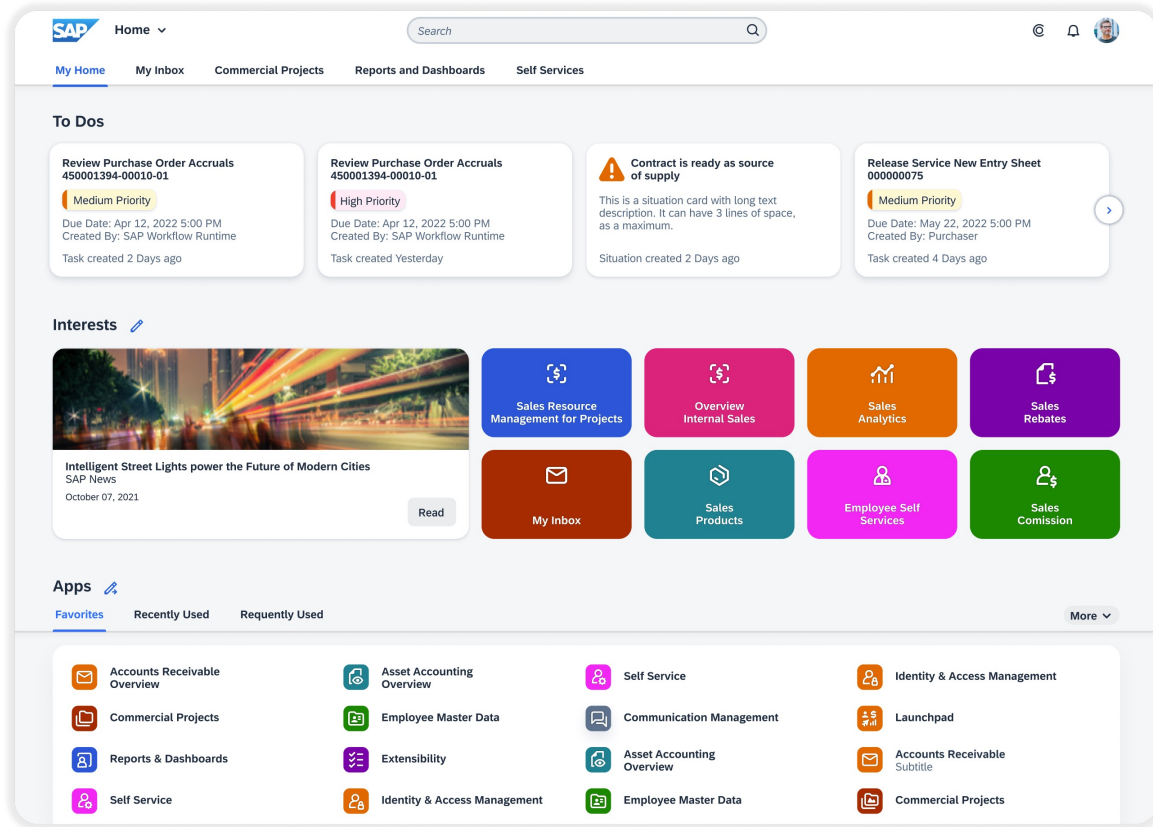


## SAP Ariba Category Management

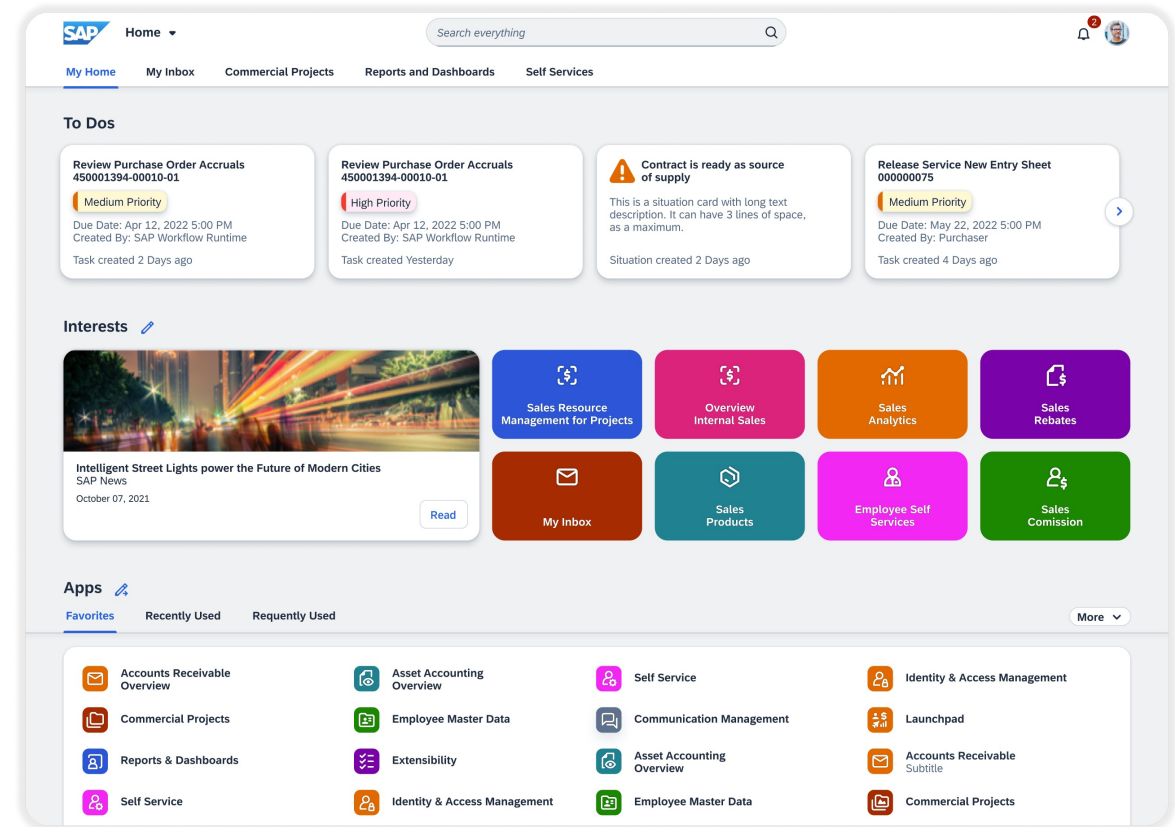


# Updated Horizon visual theme: better home page contrast

Before



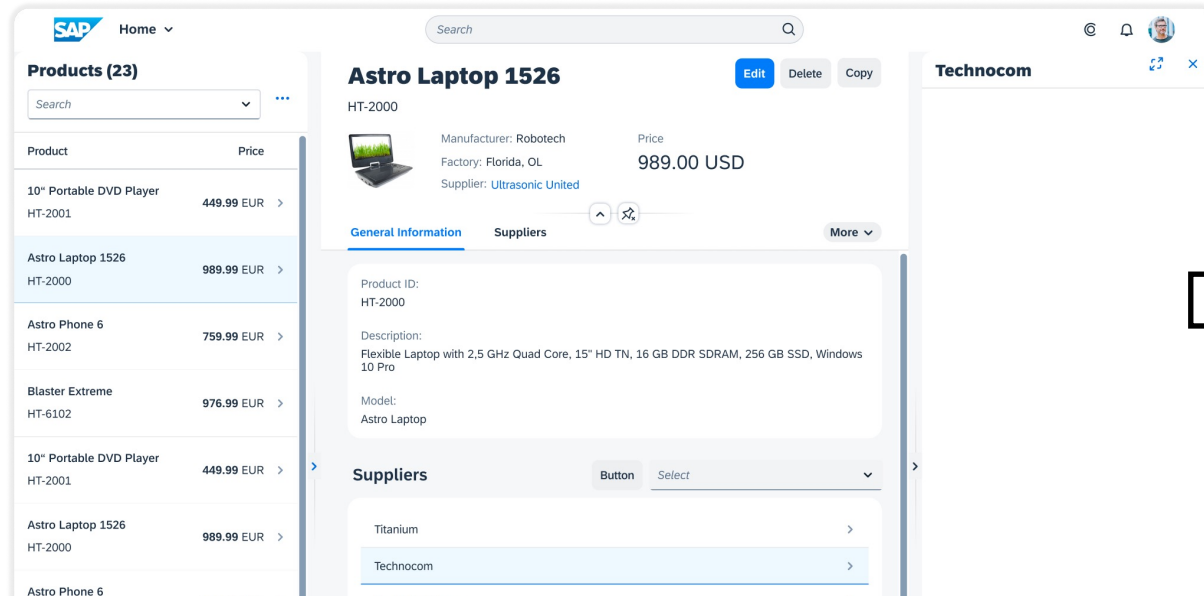
After



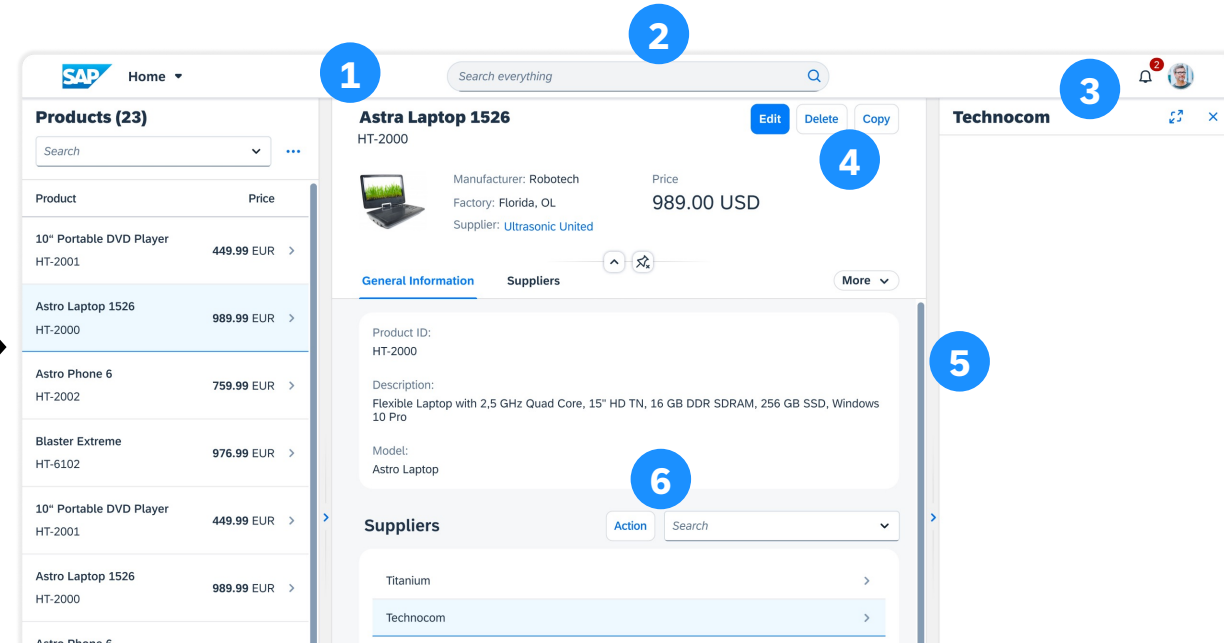
Better contrast via darker gray background  
Cards more visible via darker shadow  
Search field more prominent with more shadow

# Updated Horizon visual theme: Flexible Column Layout updates

Before



After



- 1 Smaller title.
- 2 Search field more visible
- 3 Shell header splitter line separates header from rest.
- 4 Buttons updated, no gray buttons.
- 5 Better contrast: splitter.
- 6 Input fields and buttons white instead of gray.

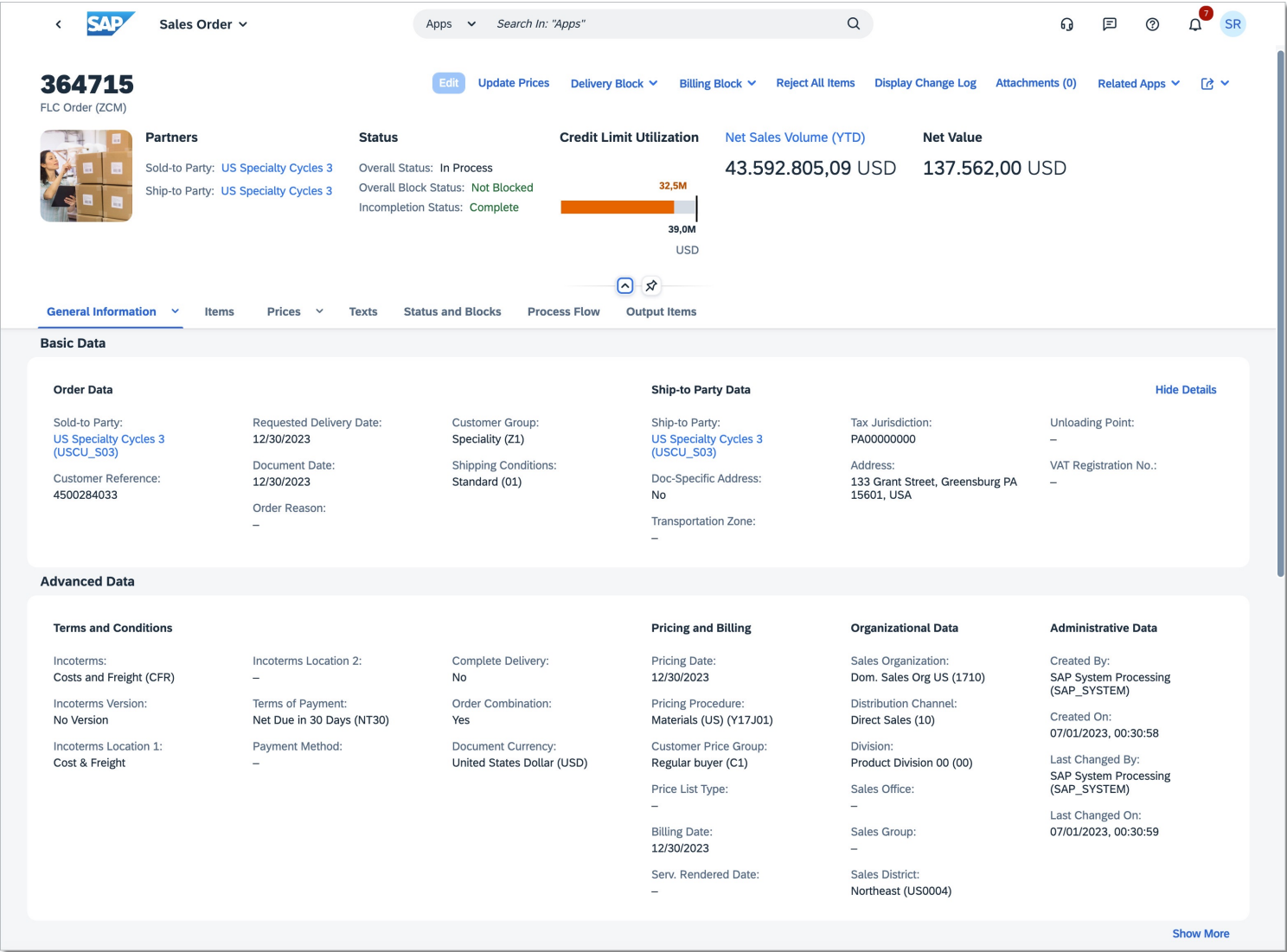
#3 and #5 are specific to the Flexible Column Layout.



# Less white space: up to six columns in object pages

On wider screens, sections within an object page can now display six columns.

*Just one of the numerous improvements in details*



# In SAP software, as a user, your work is...



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## Better



## Together

# Easy and convenient access to SAP solutions

## Cross-system entry point

Central access to apps, tasks, notifications, and (unstructured) content across multiple SAP systems and cloud solutions

## Product home pages

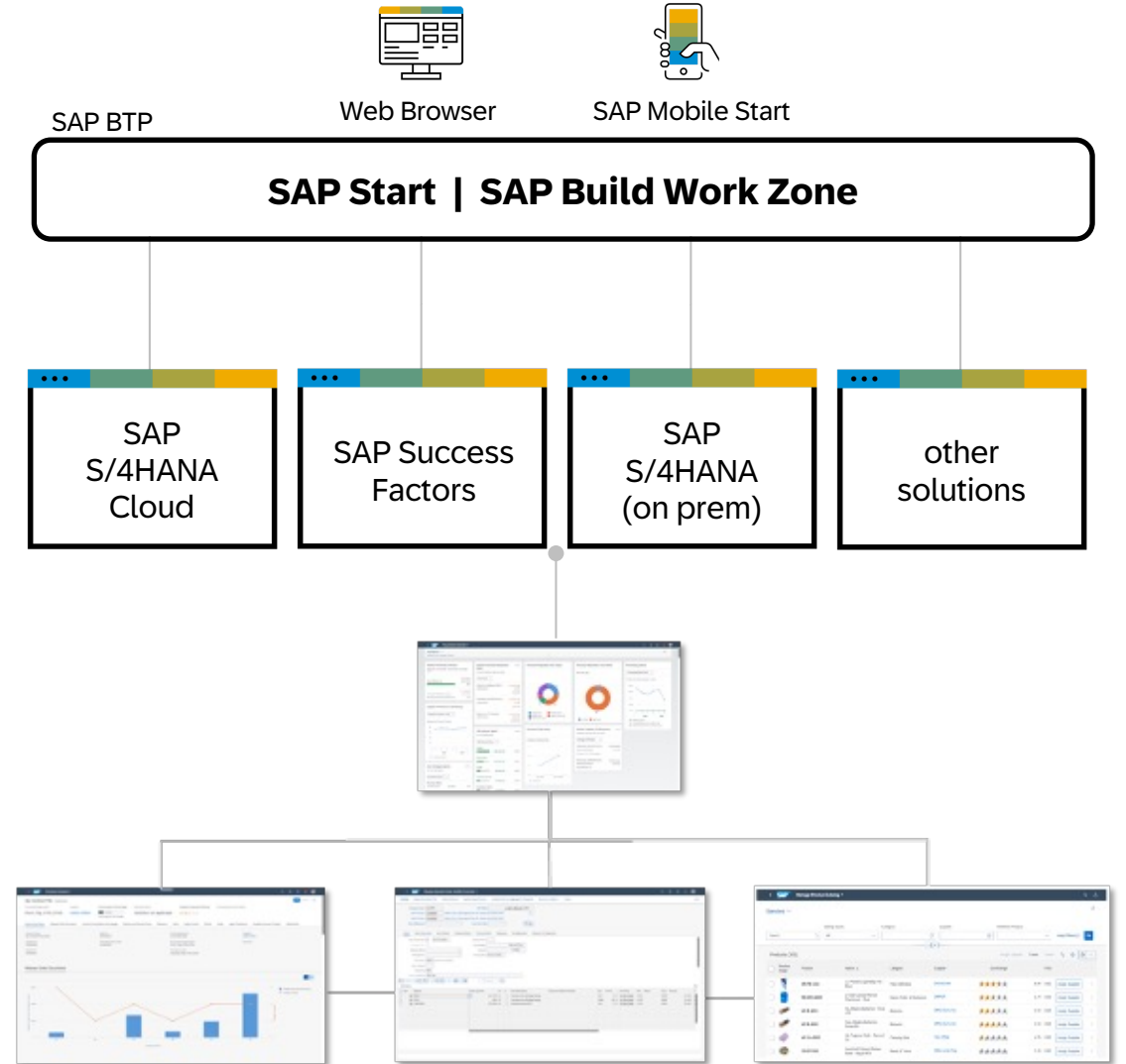
Access relevant business content within a single SAP system or cloud solution

## Organize apps and analytics in pages

Organize resources per business role

## Apps

Details and in-depth exploration



# SAP Start

1. Search for apps from all connected solutions
2. My *To-Dos* (my tasks) from all solutions connected to SAP Task Center
3. Insight cards from all connected solutions with navigation to apps
  - From SAP S/4HANA Cloud, a user's cards on the *My Home* page are automatically made available for SAP Start

The screenshot displays the SAP Start interface with three main sections highlighted by orange boxes and numbered 1, 2, and 3.

**Section 1: Search** (Top bar)

**Section 2: To Dos** (Middle section)

**Section 3: Insights** (Bottom section)

**Insights Cards:**

- Supplier Performance Monitoring:** Supplier Evaluation Trend. Operational Score by Quarter (2021-2023).
- Supplier Performance Monitoring:** Supplier Performance Monitoring. Operational Score and Purchasing Spend by ... (PO Net Amount).
- Monitor Purchase Order Items:** Overdue. Sorted by delivery date and value | Overdue. List of POs with details like 4500054825/00010, Domestic US Supplier 1, 113 EUR, 1 EA, 5 years ago.
- Purchasing Spend:** Purchasing Spend Trend. PO Net Amount by Quarter (2022-2024).

**Bottom Row:** Non-Managed Spend (21), Off-Contract Spend (52), Purchase Requisition Item Types, Purchase Requisition Touch Rate.

**Mobile App Preview:** A smartphone screen on the right shows the SAP Start app interface with sections like New To Dos, Work Order, Job seeker: Erika Berg, Monitoring Apps, Manage My Timesheet, My Inbox, and navigation icons.



# SAP Build Work Zone, standard edition

## SAP Start scope plus these:

1. Navigation menu **New**  
accessing remote and local pages
2. Flexible page builder **New**  
Can embed ToDos & Insight Cards sections from SAP Start
3. Applications and tiles section
4. Integration with cloud and on-premise systems
5. Custom apps and UI Cards **New**
6. Shell extensions

The screenshot displays the SAP Build Work Zone standard edition interface. The top navigation bar (1) includes the SAP logo, a search bar, and a user profile icon (6). Below the navigation bar, a banner shows the date and time (Tue, Nov 15 | 57°F) and a personalized greeting (Good morning, Sarah). The main content area is divided into several sections:

- To Do's:** A row of four task cards: Invoice Approval (15,000 USD), Release Sales Quotation (Sales Quotation: 2001100), Leave Request (Patrick Mischo), and Expense Report (5000 USD). Each card has 'Approve' and 'Deny' or 'Release' and 'Reject' buttons.
- Onboarding:** A section with three cards: Personal Data Collection (Completed), Additional Data Collection (Start), and Compliance Data Collection (Due: Due Today, Start).
- Applications:** A grid of application tiles. One tile (4) is highlighted with an orange border, showing 'My Leave Requests' with a 'Request some time off' button. Other tiles show 'Quotation Conversion Rate' (17.3%) and 'Predicted Delivery Delay' (11% delayed, 19% early, 70% on time).
- Project Staffing Watchlist:** A table listing projects with columns for Project, Customer, Staffing, Status, and Staffing progress.

A 'Design prototype' label is overlaid on the right side of the interface. A mobile phone mockup on the right shows the SAP Start app interface, which includes a 'New To Dos' section with a 'Work Order' card and a 'Monitoring Apps' section with a 'Manage My Timesheet' card.

Project	Customer	Staffing	Status	Staffing
5000010050	Robert Brown Entertainment	29	In Progress	33%
5000010051	Entertainment Argentina	30   230	Canceled	0%
5000010052	Brazil Technologies	12   69	Delayed	33%

# SAP Build Work Zone, advanced edition

## Additional features:

1. Enhanced menu builder
2. Interactive workspaces created by business users
3. Blend SAP & 3<sup>rd</sup> party apps, business data & web content in a unified experience
4. Premium business content packages<sup>1,2</sup>
5. Company-wide knowledge base
6. MS Teams integration<sup>1</sup>

1. Not presented in the slide
2. Delivered with SAP SuccessFactors Work Zone
3. SAP Mobile Start planned to provide access to advanced edition

Public

This is the current state of planning and may be changed by SAP at any time without notice.

1

2

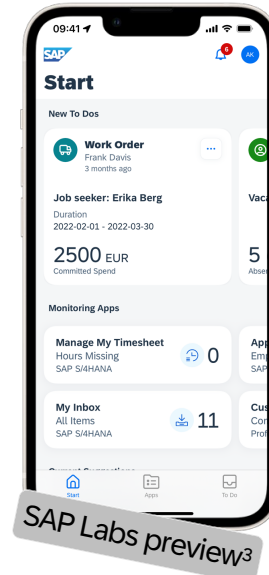
3

4

3

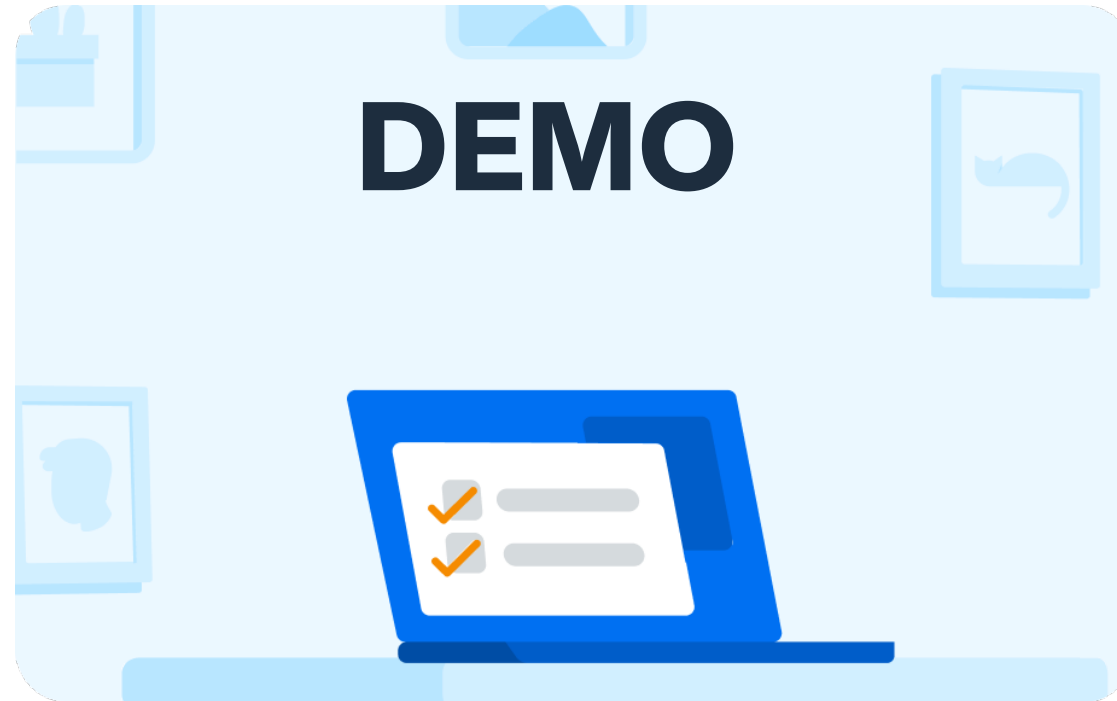
5

Planned innovations



SAP Labs preview<sup>3</sup>

# Demo: Integration with SAP Start example



Fri, Oct 20  
**Hello, Ben!**

## To Dos



### Release of Purchase Requisition Item

2 days ago

Approve Purchase Requisition 10077147 00010

Approve

Reject



### Release of Purchase Requisition Item

3 days ago

Approve Purchase Requisition 10076984 00010

Approve

Reject



### Requisition Jones Davidson

3 days ago

Billing Analyst  
Oct 17 – 24, 2023

3,600.00 USD

Approve

Reject



### Procurement Purchase Requisition Jonathon Blake

1 week ago

PR8055 - Apple MacBook Pro 2021 16

2,400.00 USD

Approve

Deny

[Load New Tasks](#)

[View More](#)

[SAP Task Center](#)

## Insights

### Goals

1 of 1 ...

#### Reduce Customer Complaints

Performance Goals

37 days overdue

### Monitor Purchase Contracts

68 ...

Sorted by consumption, valid-to date, and target value

AV Parts Inc in 10 months  
4600000298 29.0M EUR  
63.0%

AV Parts Inc in 10 months  
4600000292 9.0M EUR  
82.7%

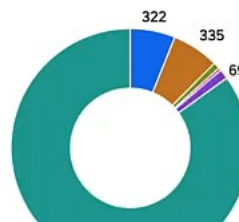
Garrett Motion Inc. in 10 months  
4600000303 29.0M EUR  
55.7%

### Purchase Requisition Item Types

...

5 κ

By Item Type



### Off-Contract Spend

As % of total spend | By Material Group

58 ...

Frame 80 %  
698.7M EUR

Drive Train 81 %  
312.5M EUR

Derailleur Gears 79 %  
167.7M EUR

Youth 100 %  
167.3M EUR

### Non-Managed Spend

As % of total spend | By Material Group

23 ...

Not assigned 100 %  
290.9B EUR

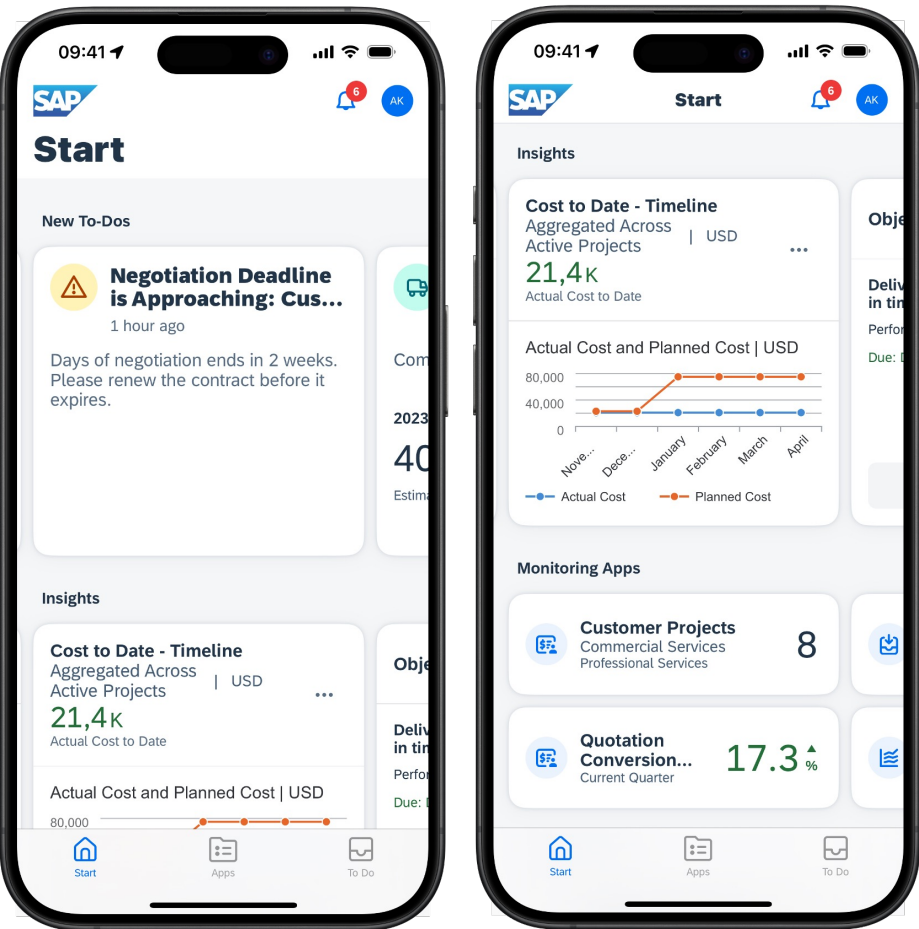
Trading Materials 0 %  
0.0 EUR

Finished Goods 0 %  
0.0 EUR

Auxilliary substaces 0 %  
0.0 EUR



# SAP Mobile Start: New innovations



Situation Handling via To-Dos  
Insight Cards from SAP Start

Watch Companion App for iOS



Complications\*

Monitoring information  
and number of tasks



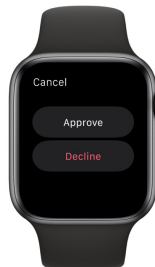
To Dos

List of your To Dos, with details and filter  
option



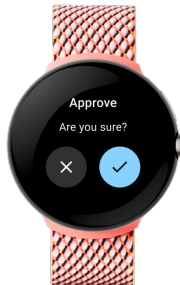
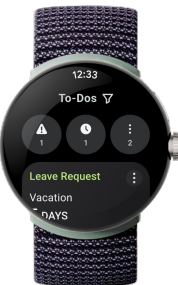
Take Action

Take action on suitable  
tasks right from your  
watch



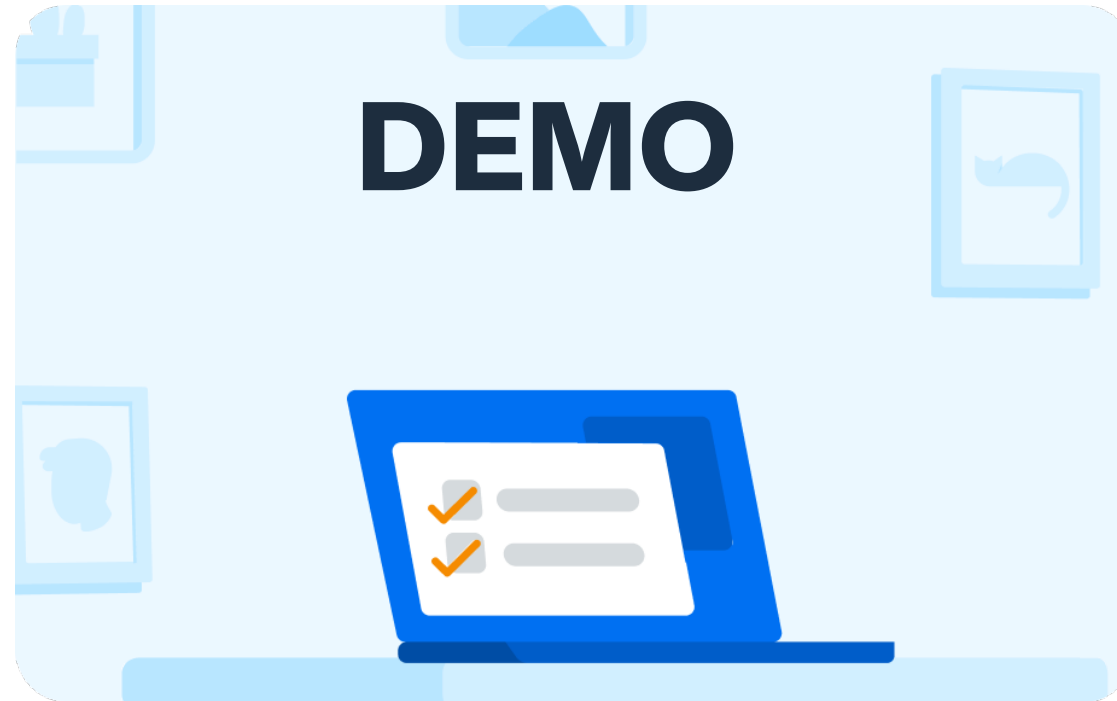
Monitoring Info

Get your monitoring  
info on your watch



and  
for Android

# Demo: Integration with SAP Mobile Start





# Start

## New To-Dos



### Release of Purchase Requ...



Unknown Author • 12 ho...

Approve Purchase Requisition  
10077147 00010

Item Description: Extension Tub...

Unit of Measure: EA

Expected Value: 0



App  
1007

Item

Unit

Exp

## Insights

[See All](#)

### Goals



#### Reduce Customer Complaints

Performance Goals

37 days overdue

Mor

Sorte

AV P

46000



Start



Apps

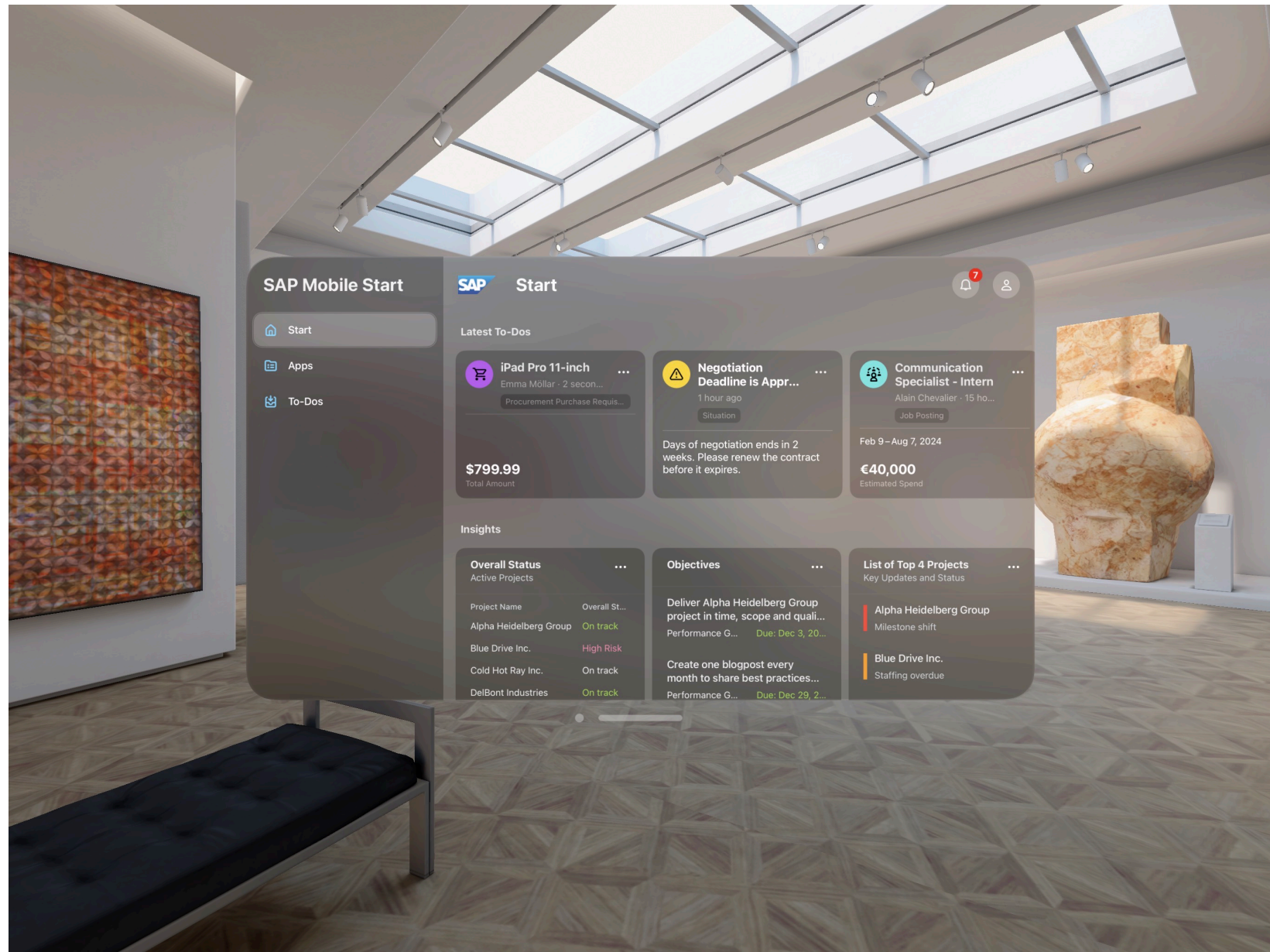


To Do

# SAP Mobile Start now available on Apple Vision Pro

## Start screen

Uses the improved iPad layout

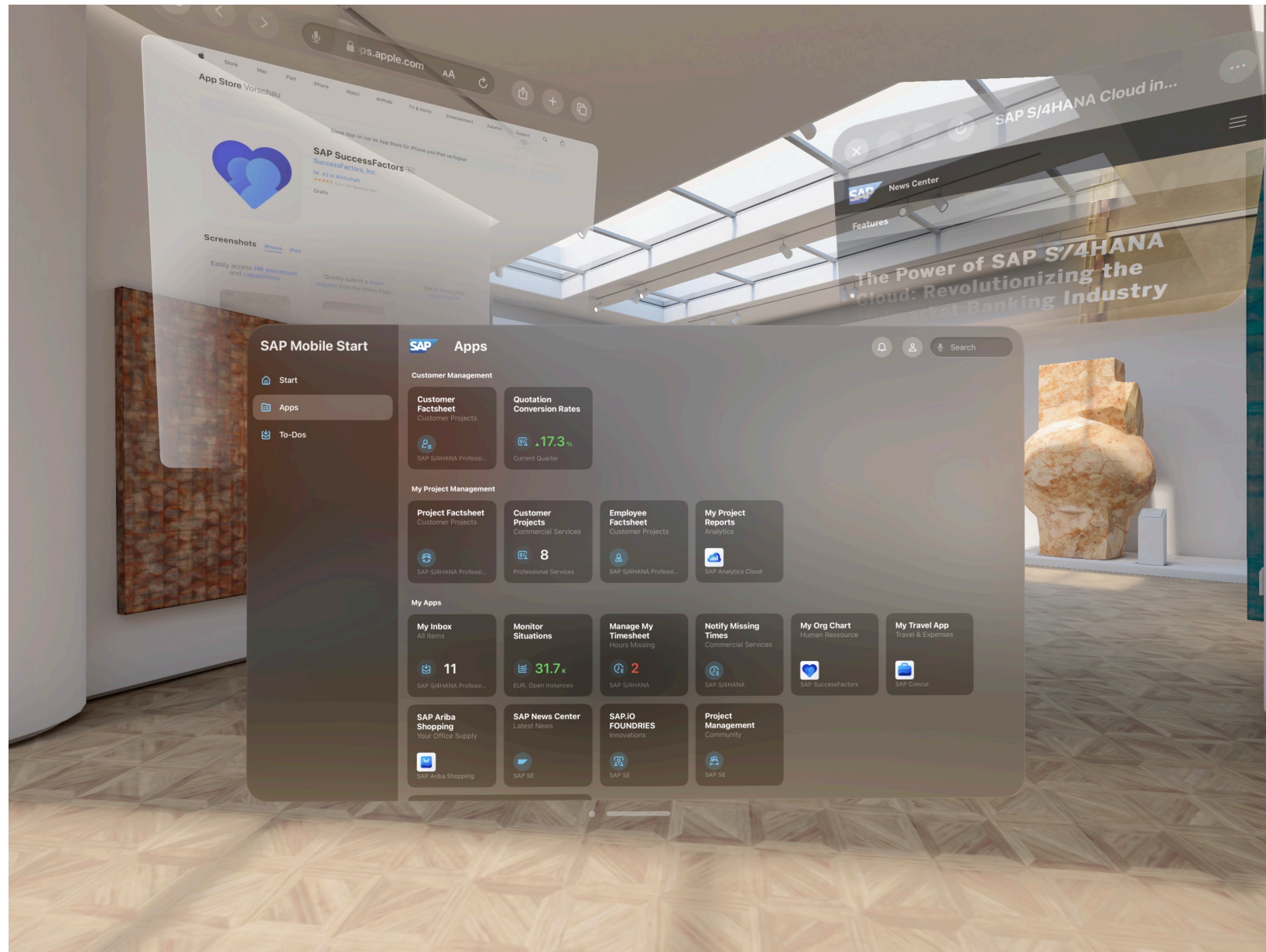




# SAP Mobile Start now available on Apple Vision Pro

## Multiple screens

Users can open up multiple apps, and work with them directly



**New *My Home* for  
SAP S/4HANA Cloud  
SAP S/4HANA**



# Overview *My Home* in SAP S/4HANA

**Access** your To Do list of My Inbox and My Situations items

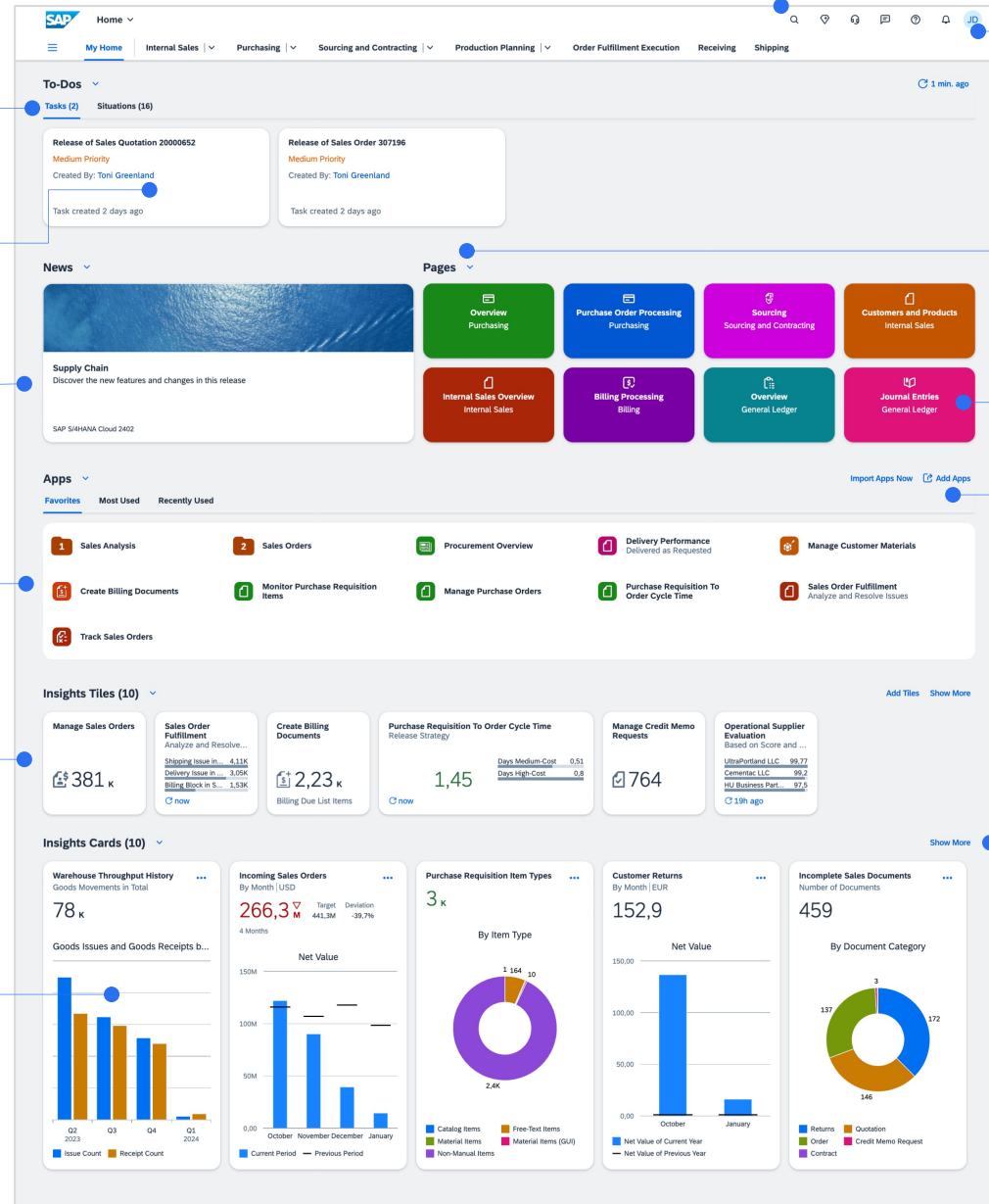
**Collaborate** with Task creators via MS Teams

**Access** relevant system News and your most critical pages quickly

**Launch** your most relevant apps

**Monitor** your business thanks to Dynamic or Smart Business tiles

**Track** your business trends through your pinned cards



**Search & Launch** any of your apps instantly

**Personalize** the sections shown on the page and their display order

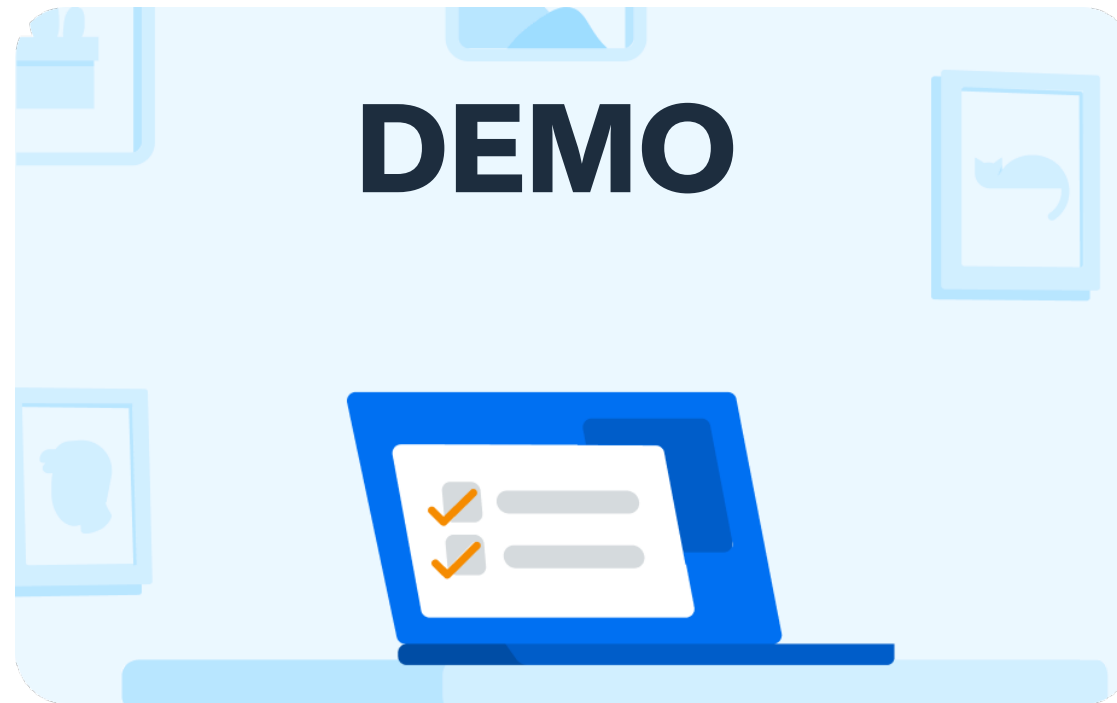
**Personalize** the content of each section

**Identify** instantly which page an app belongs to (Color coding)

**Add Apps**

**Show more** content of a section (only when additional content exists)

## Demo: *My Home* in SAP S/4HANA (Cloud and On-Premise)



[Demo video](#)

# In SAP software, as a user, your work is...

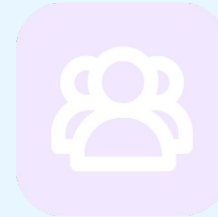


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## Better

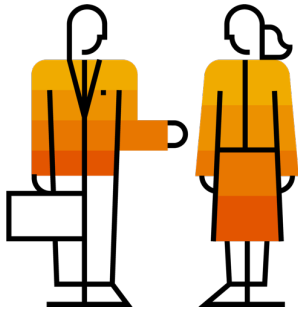


## Together

Beyond the personalization of your home page just shown...

# SAPUI5 Flexibility: adapting SAP application layout and interaction

## End user



“I **personalize** apps for **myself**.”

[SAPUI5 flexibility – all you need to know](#)

Try it yourself: <https://ui5.sap.com> > [Demo apps](#) > SAPUI5 flexibility demo apps

## Key user



“As a **business expert**,  
I **adapt** apps for **my**  
**line of business**.”

[SAP Fiori for SAP S/4HANA – What is Key User Extensibility and Who are your Key Users](#)

[Key User Adaptation for SAP Fiori Elements](#)

## Developer



“I **adapt with code**  
existing apps **for everybody** –  
**modification-free**”

[Using developer adaptation projects](#)

[Introducing SAPUI5 Adaptation Projects in Visual Studio Code](#)

[Extending SAP S/4HANA Cloud Public Edition using SAPUI5 adaptation projects](#)

**NEW**

**NEW**

# In SAP software, as a user, your work is...



Enjoyable



**Better**

- With insights from embedded analytics
- More efficient with automation
- Smarter with AI guidance



Together

# In SAP software, as a user, your work is...



Enjoyable



Better

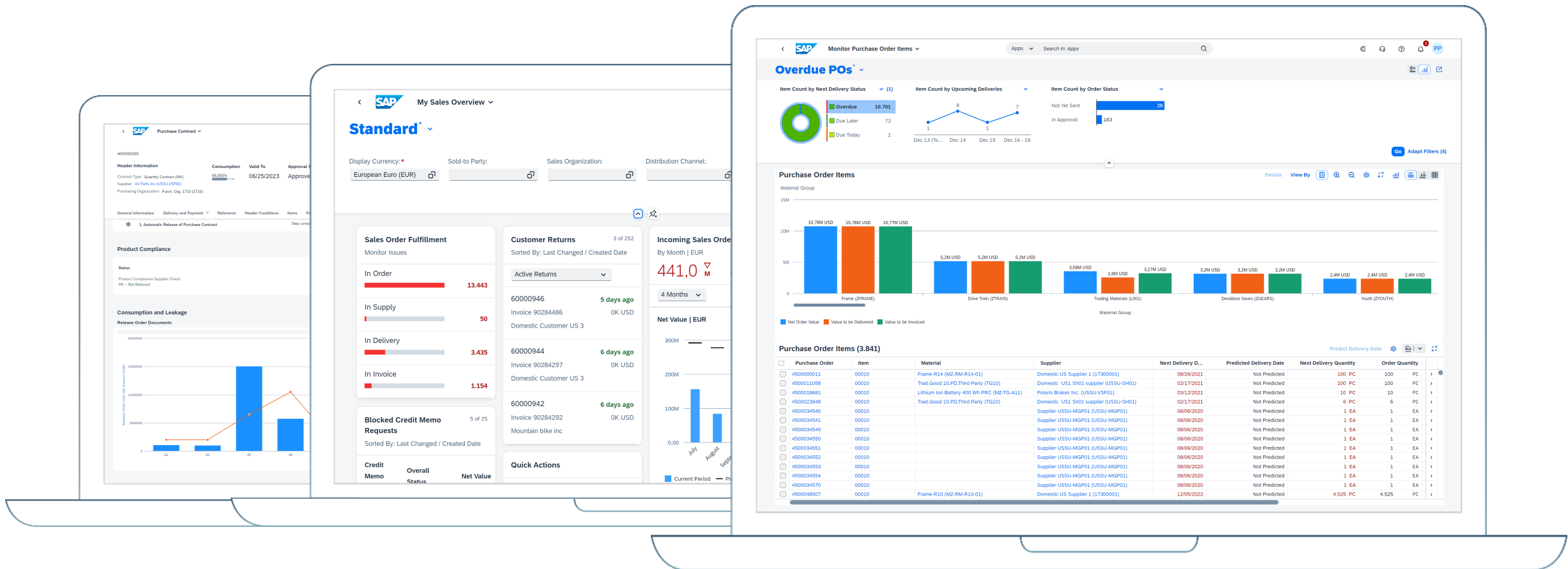
- With insights from embedded analytics
- More efficient with automation
- Smarter with AI guidance



Together



# SAP Fiori with Embedded Analytics



Analytical insights for users doing their daily business – build easily with SAP Fiori elements

# SAP Mobile Start with analytics widgets

Integration with SAP Analytics Cloud  
available now



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- **More efficient with automation**
- Smarter with AI guidance



Together

# AI & Situation Handling SAP S/4HANA example: Payment Advice handling

## AI Automation

Payment advice received from customer as PDF

HYPERCOM AG  
Lindenstraße  
2 74714 Schönlal  
DE

Payment Advice  
Document  
200087928  
Customer Number  
10100001

Dear Sir/Madam,

We have cleared the items listed below with document 45812585. We will credit the following bank account in 2 business days:  
Bank Account: 2510411  
For inquiries please contact: [treasury@domus1.com](mailto:treasury@domus1.com)

Document Number	Invoice Number	Invoice Date	Discount	Amount
180000000	180000000	02/18/2019	0.00	2,000.00
180000001	180000001	02/18/2019	0.00	500.00
180000002	180000002	02/19/2019	0.00	28,700.00
180000004	180000004	02/20/2019	0.00	8,500.00
180000005	180000005	02/20/2019	0.00	33,700.00
180000006	180000006	02/20/2019	0.00	15,600.00

Customer Number	Payment Document	Date	Currency	Total Payment Amount
10100001	200087928	04/20/2019	EUR	88,500.00

Automated creation of Payment Advice

**1222102408234563**

General Information

Customer: 10100001 Payment Advice Number: 1222102408234563 Path type: 12 (Payment advice retrieved from a file)

Payment Amount: 88,500.00 EUR Company Code: 1010 (Beifurth DE) Payment Reference: 10100001

Payment Date: 04/20/2019 External Customer Name: HYPERCOM AG

Payment Advice Items

Reference	Document Date	Payment Amount	Journal Entry
180000000	02/18/2019	2,000.00	EUR
180000001	02/18/2019	500.00	EUR
180000002	02/19/2019	28,700.00	EUR
180000004	02/20/2019	8,500.00	EUR
180000005	02/20/2019	33,700.00	EUR
180000006	02/20/2019	15,600.00	EUR

Attachments

Attachments (1)

PDF Situation.pdf Draft  
Uploaded By: Finance Operation - Uploaded On: 10/24/2022 10:23:45 File Size: 158.64 KB



Invoices skipped in the payment advice.

The payment advice may not cover one or more unpaid invoices for substantial amounts that were submitted during the same time...

Situation created 2 hours ago



Invoices skipped in the payment advice.

2 hours ago

The payment advice may not cover one or more unpaid invoices for substantial amounts that were submitted during the same time period as the rest of the invoices in this payment advice.

Close Situation

## AI Augmentation

SAP Home

My Home Processes and Flows Business Catalogs and Groups

To Dos (8)

- Invoices skipped in the payment advice. The payment advice may not cover one or more unpaid invoices for substantial amounts that were submitted during the same time... Situation created 2 hours ago
- Invoices skipped in the payment advice. The payment advice may not cover one or more unpaid invoices for substantial amounts that were submitted during the same time... Situation created 2 hours ago
- Invoices skipped in the payment advice. The payment advice may not cover one or more unpaid invoices for substantial amounts that were submitted during the same time... Situation created 2 hours ago
- Invoices skipped in the payment advice. The payment advice may not cover one or more unpaid invoices for substantial amounts that were submitted during the same time... Situation created 4 weeks ago
- Invoices skipped in the payment advice. The payment advice may not cover one or more unpaid invoices for substantial amounts that were submitted during the same time... Situation created 4 weeks ago

Apps

Bank Statement Monitor Bank Statement Monitor Manage Payment Advices Schedule Accounts Receivable Job Reprocess Bank Statement Items

Insights

Bank Statement Monitor End of Day 0,06 To be processed

Cash Position Today 30,2x -16.8 EUR

Bank Fees By Bank Group Amount by Service Type

Bank Accounts by Status By Status Status

Workflow Requests By Status Status

Bank Accounts by Revision Status Number of Bank Accounts by Revision

Notification in My Home

User navigation to Situation view of Payment Advice

**1222102408234563**

Company Code: 1010 Created By: CASHAPP\_1010 Payment Amount: 88,500.00 EUR

Customer: 10100001 (Hypercom AG) Created On: 10/24/2022

Invoices skipped in the payment advice. The payment advice may not cover one or more unpaid invoices for substantial amounts that were submitted during the same time period as the rest of the invoices in this payment advice. 2 hours ago

Related Information

Skipped Open Items (1)

Journal Entry	Reference Document Number	Document Date	Due Date	Payment Amount
180000003	180000003	02/19/2019	03/01/2019	90,000.00 EUR

General Information

Customer: 10100001 (Hypercom AG) Payment Advice Number: 1222102408234563 Customer Name: HYPERCOM AG Path type: 12 (Payment advice retrieved from a file)

Payment Amount: 88,500.00 EUR Company Code: 1010 (Beifurth DE) Payment Reference: 10100001 Payment Date: 04/20/2019 External Customer Name: HYPERCOM AG

Payment Advice Items

Payment Advice Items (6) Standard

## Situation Handling news:

- 140+ standard [use cases](#)
- [Extended framework for custom use cases](#)

# In SAP software, as a user, your work is...



Enjoyable



**Better**

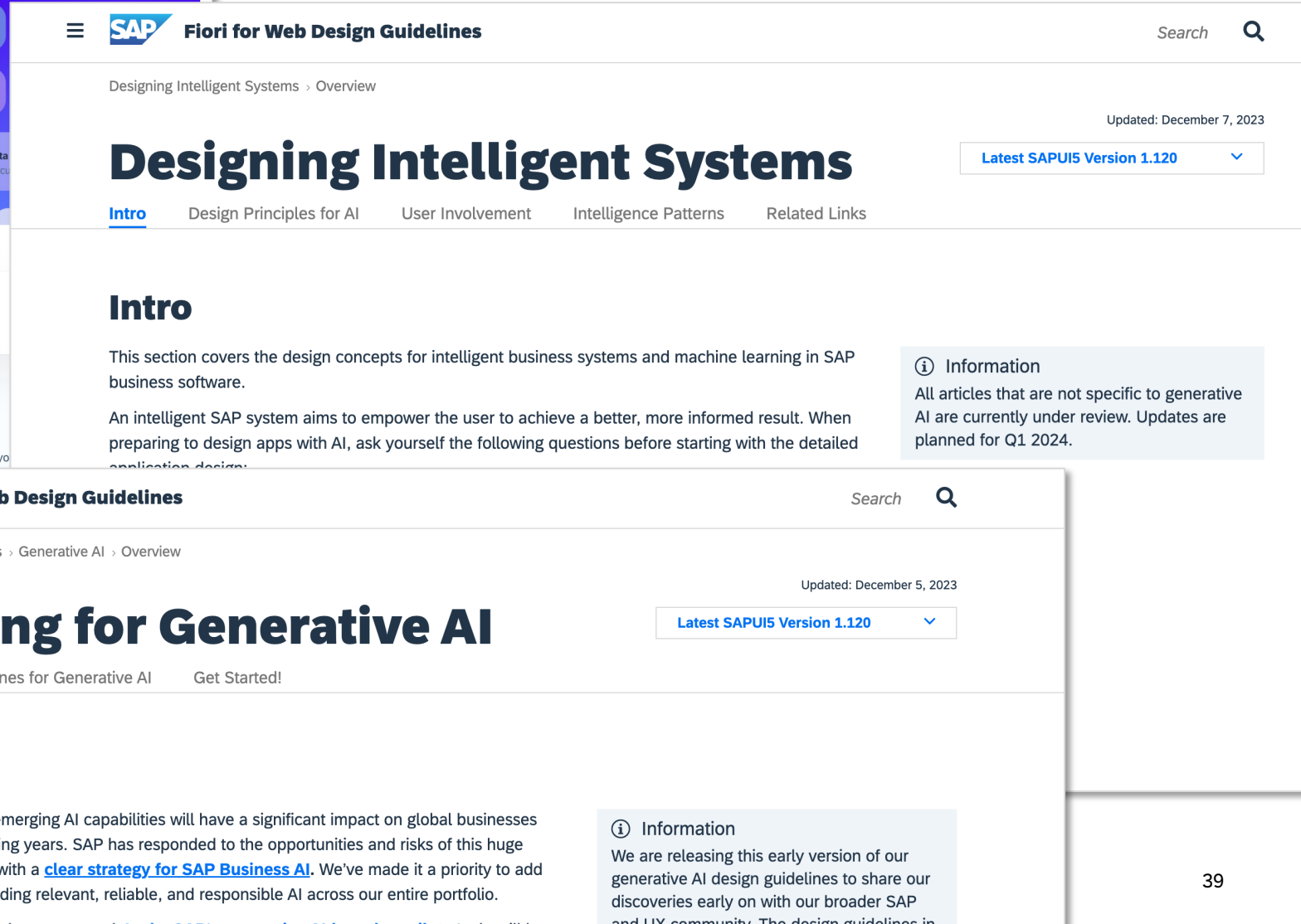
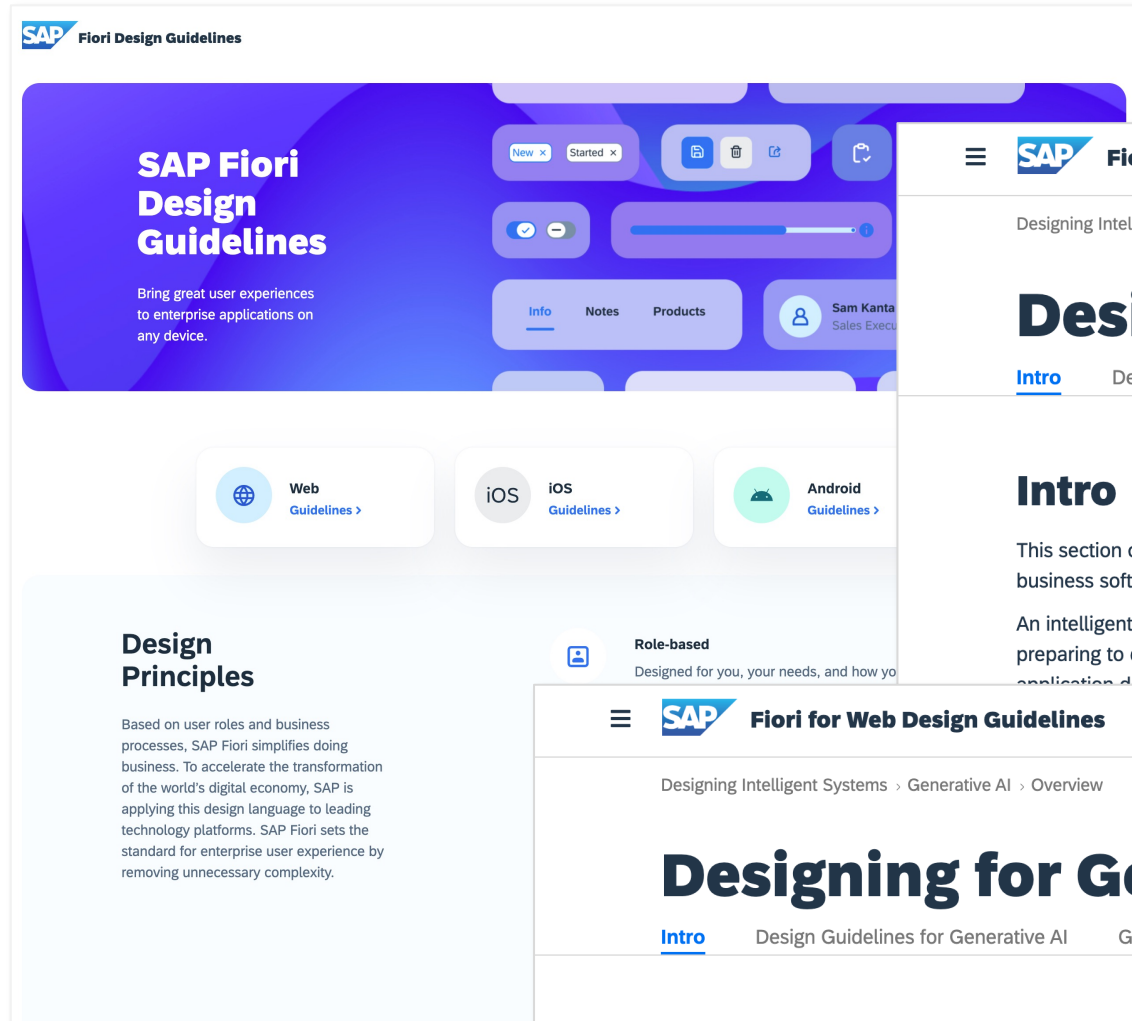
- With insights from embedded analytics
- More efficient with automation
- **Smarter with AI guidance**



Together



# SAP Fiori Design Guidelines – with AI updates



# Recommendations via generative AI

The screenshot shows a job requisition page for 'AI Project Manager (5497)' on a platform called 'BestRun'. The page is divided into sections: Role, Summary, Missions, Requirements, and Benefits. An 'Enhance using AI' modal is open, allowing the user to compare the current job description with a version generated by AI. The modal has a title bar 'Enhance using AI' and a warning message: 'Generative AI generates output based on the section title and available content. We recommend that you verify the AI generated information and make necessary changes if required.' The modal contains two sections: 'Summary' and 'Missions'. Each section has two radio buttons: 'Current' and 'Generated'. The 'Generated' option is selected for both sections. The 'Generated' text for Summary is: 'Join SAP SuccessFactors, a global leader in enterprise software solutions, as an AI Project Manager. In this role, you will be responsible for driving successful project delivery and contributing to the growth and success of our organization. As our AI Project Manager, you will work with cross-functional teams to ensure the smooth execution of projects and the achievement of project goals. This is an exciting opportunity to join a dynamic company at the forefront of technology innovation.' The 'Generated' text for Missions is: 'Lead and manage AI projects from initiation to closure, ensuring deliverables are met on time, within budget, and with exceptional quality. Collaborate with internal stakeholders and external partners to define project scope, objectives, and success criteria. Develop and maintain project plans, schedules, and budgets.' At the bottom of the modal are 'Accept' and 'Discard' buttons. The background page shows the 'Current' text for Summary: 'Join SAP, a global leader in enterprise software solutions, as a Project Manager. Drive successful project delivery and contribute to the growth and success of our organization.' and the 'Current' text for Missions: '-'. The 'Requirements' section lists: 'Bachelor's degree in a relevant field; 5+ years of proven project management experience; Strong organizational and leadership skills; Excellent communication and stakeholder management skills; Proficiency in project management tools.'

**Enhance using AI**

Generative AI generates output based on the section title and available content. We recommend that you verify the AI generated information and make necessary changes if required.

**Summary**

☐ Current ☒ Generated

Join SAP, a global leader in enterprise software solutions, as a Project Manager. Drive successful project delivery and contribute to the growth and success of our organization.

Join SAP SuccessFactors, a global leader in enterprise software solutions, as an AI Project Manager. In this role, you will be responsible for driving successful project delivery and contributing to the growth and success of our organization. As our AI Project Manager, you will work with cross-functional teams to ensure the smooth execution of projects and the achievement of project goals. This is an exciting opportunity to join a dynamic company at the forefront of technology innovation.

**Missions**

☐ Current ☒ Generated

-

**Missions**

- Lead and manage AI projects from initiation to closure, ensuring deliverables are met on time, within budget, and with exceptional quality
- Collaborate with internal stakeholders and external partners to define project scope, objectives, and success criteria
- Develop and maintain project plans, schedules, and budgets

**Accept** **Discard**

## Example

Job description generation

# Joule – your digital assistant

## Example

Knows your unique role and acts as your work copilot across SAP applications.

Get quick answers and smart insights on-demand for faster decision-making.

Available for business users and also for developers!

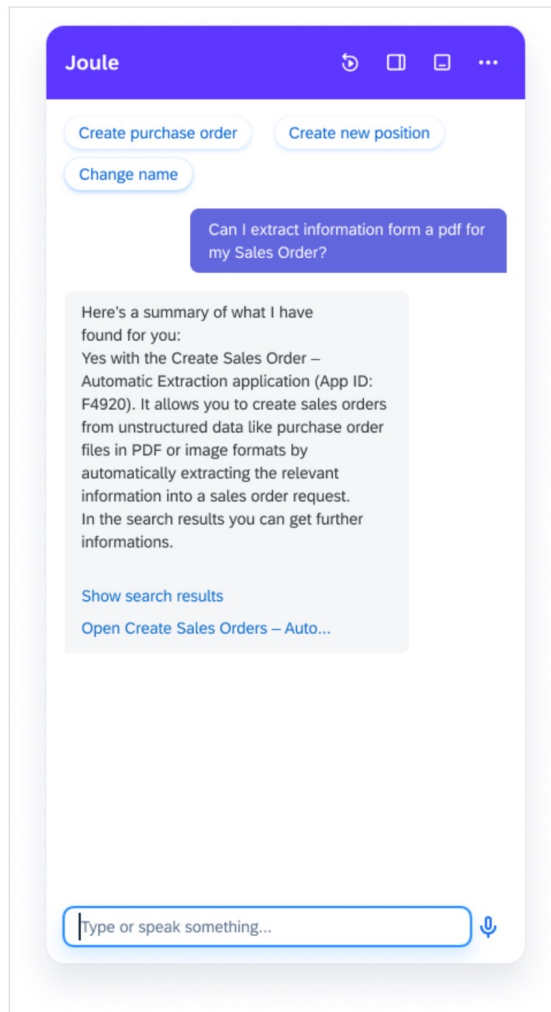
## Planned Innovation

This is the current state of planning and may be changed by SAP at any time without notice.

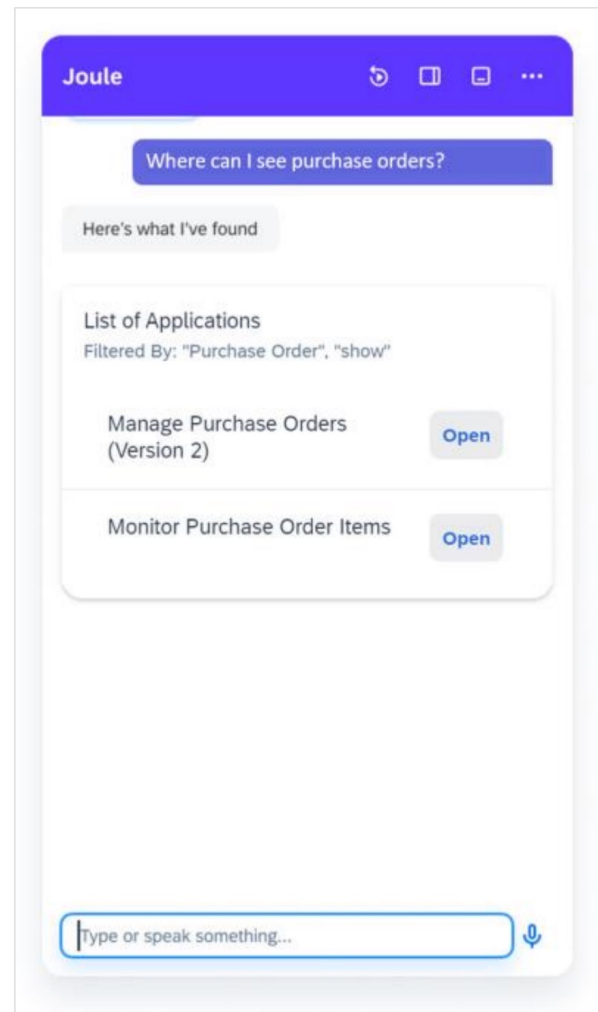
# Joule interaction patterns for SAP S/4HANA Cloud

Planned  
innovations

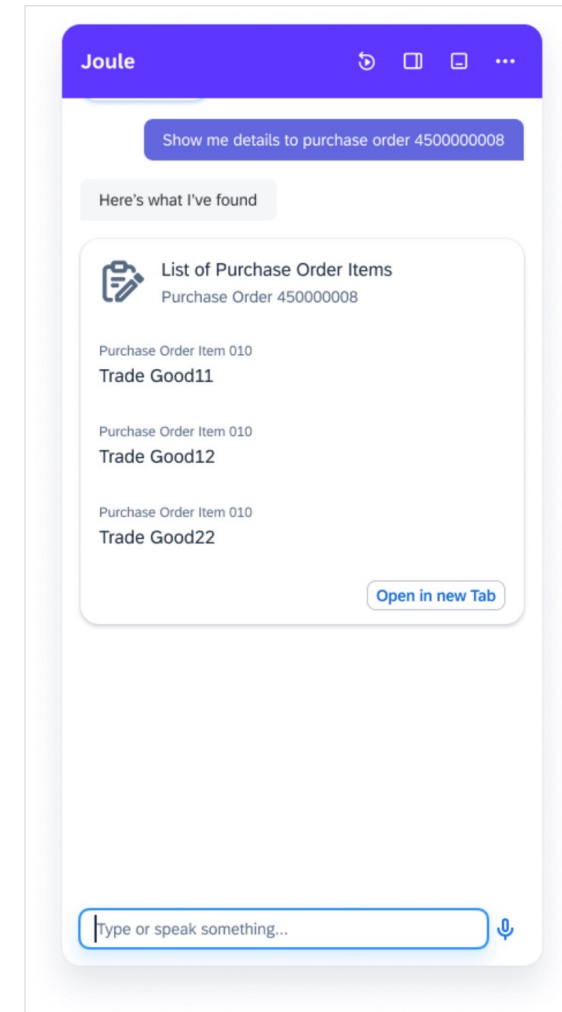
[Register for participation in Early Adopter Care program](#)



Informational



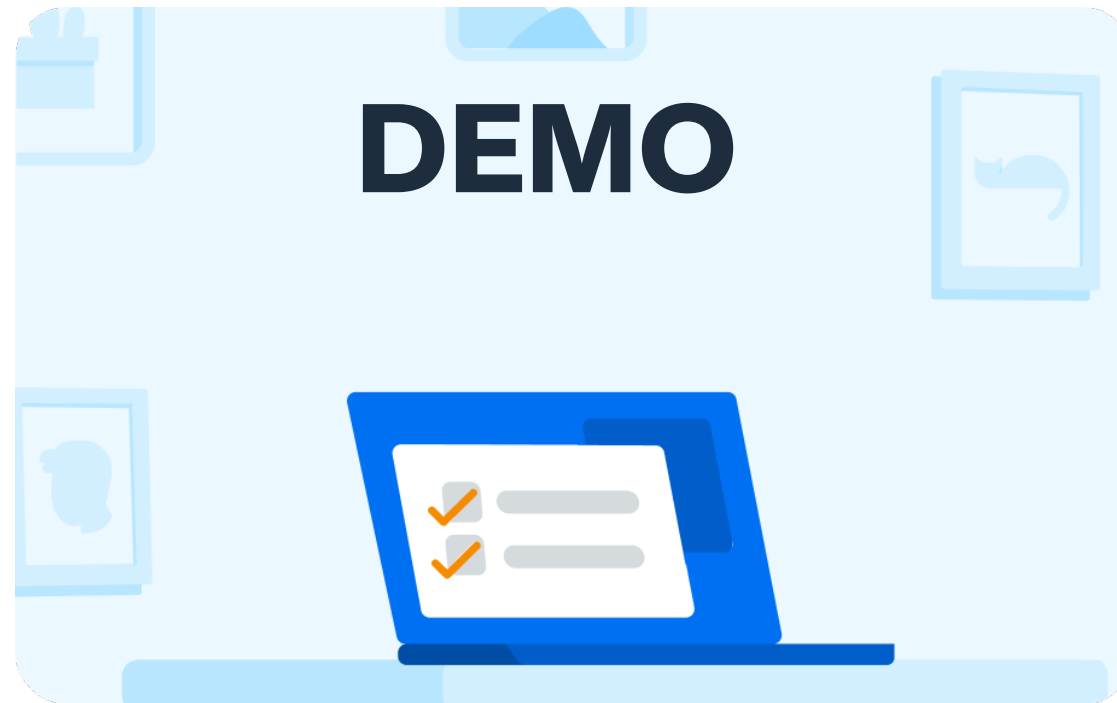
Navigational



Transactional

# Preview Demo: Joule in SAP S/4HANA Cloud

Planned  
innovations

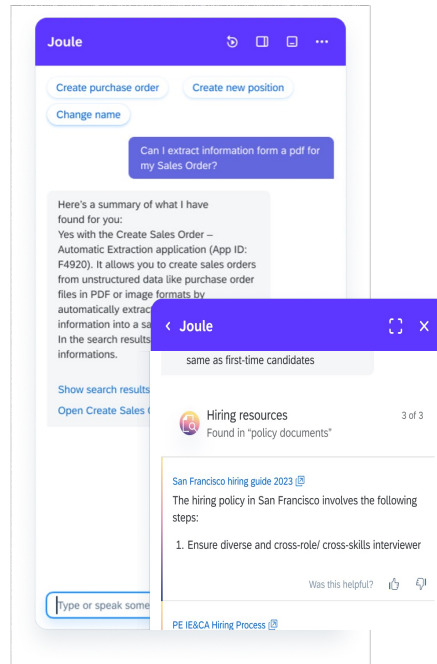


[Demo video](#)



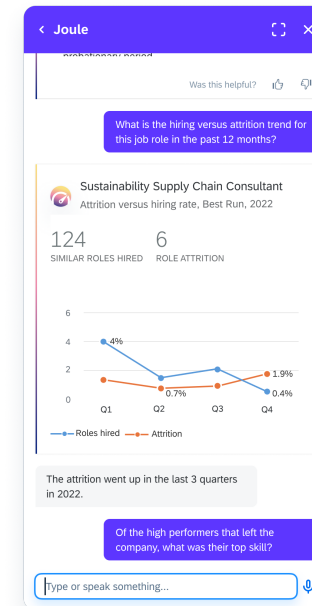
# Joule Road Map 2024

Planned  
innovations



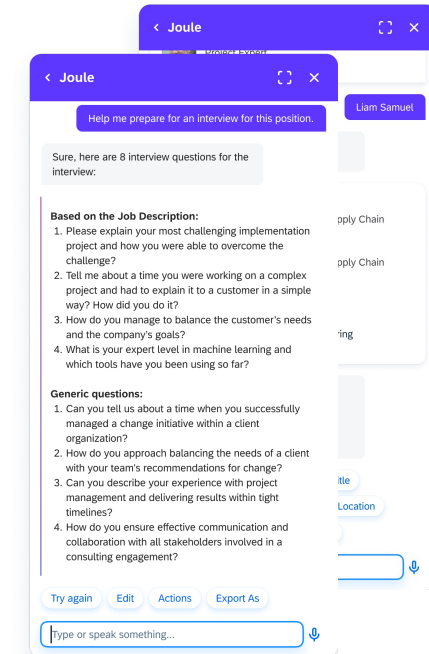
## Informational Pattern for customer documents

Summarized answers on  
uploaded documents, via RAGe



## Transactional Pattern for Analytics

Summarizes reports, users can  
refine interactively within context  
of the chat



## Transactional Pattern enhancements

Enhanced interactions on  
business data

\*RAGe = Retrieval Augmented Generation for enterprise

# In SAP software, as a user, your work is...



Enjoyable



Better



**Together**

- Built in collaboration
- Direct teams integration
- One source of the truth

# Collaborative Draft with SAP Fiori elements v4

< **SAP** Payment Advice ▾

**20240126102945** Draft ▾ EA ET 👤

Company Code: 1010 (Company Code 1010)      **Payment Amount**  
Customer/Supplier/Business Partner: 10100001 (Inlandskunde DE 1)      944,940.00 EUR

General Information      Payment Advice Items

**Basic Information**

Company Code: 1010 (Company Code 1010)      Customer: 10100001 (Inlandskunde DE 1)      Payment Date: 11/15/2023      Payment Reference: 458152585

Subledger: Accounts Receivable      Payment Amount: 944,940.00      EUR EA      Payment Advice Type: Payment advice retrieved from a file      Extracted Customer: DE

Example ArAccountant is currently editing the field.

**Payment Advice Items (159)** Standard ▾

<input type="checkbox"/>	Payment Advi...	Reference	Document Date	Payment Amount*	Journal Entry
<input type="checkbox"/>	1	100	10/10/2017	0.01 EUR	
<input type="checkbox"/>	2	101	11/10/2017	0.02 EUR	
<input type="checkbox"/>	3	102	12/10/2017	0.03 EUR	
<input type="checkbox"/>	4	103	10/13/2017	0.04 EUR	
<input type="checkbox"/>	5	104	10/14/2017	0.05 EUR	

Jointly  
edit  
business  
objects

Invite  
colleagues

**Invite Users to Payment Advice 20240126102945**

Every authorized user in your organization can access and edit this draft. You can invite others to make them aware of the draft and ask for their participation.

Search User:

	User	Status	
EA	Example ArAccountant (You)	Currently Editing	
TS	Tester Scube	Not Invited Yet	×

**Invite** Cancel

In lists,  
see drafts,  
and who else  
is editing

**Unsaved Changes** ✕

This object has unsaved changes by DERAJE.

Last changed on 09.01.2024, 15:35:02

Pink Panther (70004)

# Embedded collaboration: SAP Collaboration Manager

The screenshot displays the SAP Collaboration Manager interface. The main dashboard includes sections for 'To Dos (1)', 'Pages' (with buttons for Overview, Purchase Requisition Processing, Purchase Order Processing, Supplier Evaluation, and Purchasing Rebates), 'Apps and Activities' (with Manage Sales Orders and My Sales Overview), and 'Insights (8)' (with various performance monitoring charts). A chat window titled 'Help for PO Appro...' is overlaid on the right side. The chat shows a conversation between 'internal\_sales\_rep example.com' and 'purchaser example.com'. The chat window also includes a 'Go to All Tasks' button and a 'Sourcing' button.

**To Dos (1)**

- Approve Purchase Order 4500000092  
Medium Priority  
Created By: Example TesterSit  
Task created 2 months ago

**Pages**

- Overview Purchasing
- Purchase Requisition Processing Purchasing
- Purchase Order Processing Purchasing
- Supplier Evaluation Purchasing
- Purchasing Rebates Purchasing

**Apps and Activities**

- Manage Sales Orders Version 2
- My Sales Overview

**Insights (8)**

- Supplier Performance Monitoring Supplier Evaluation Trend  
Operational Score by Quarter  
100
- Supplier Performance Monitoring Supplier Performance Monitoring  
Operational Score and Purchasing S...  
120.00
- Purchasing Spend Purchasing Spend Trend  
PO Net Amount by Quarter  
10K
- Non-Managed Spend As % of total spend | By Material Group  
Not assigned 100 %  
2.9K EUR

**Chat Window: Help for PO Appro...**

Today 10:55 AM

internal\_sales\_rep example.com invited purchaser example.com to the chat.

Hi Paul, here is your new colleague. Can you please let me know, if I can approve straight away?

purchaser example.com

Hi Isabel, for sure. Please go ahead!

Today 11:00 AM

Excellent! Will do so. Thanks a lot for your help :-)

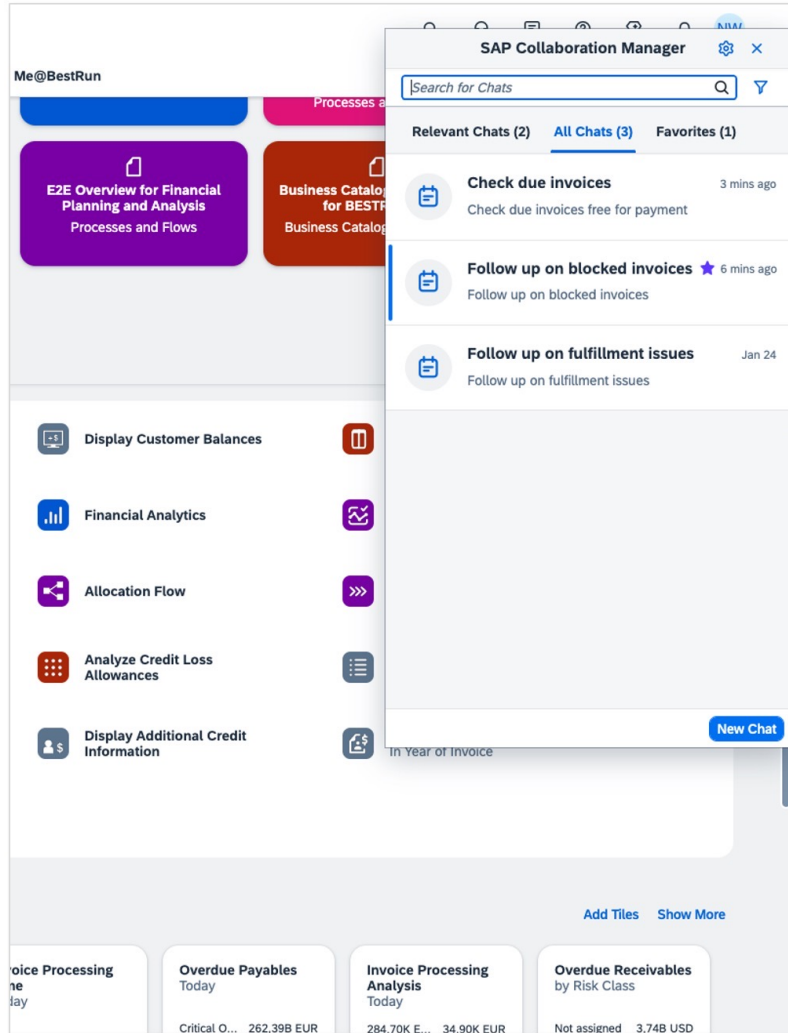
✓ Sent

+ |Add a message... |

Embedded **chat-based collaboration**, allowing users to:

- Take notes
- Ad-hoc chat with other users
- Share and annotate screenshots
- Share the business context
- Upload and share files

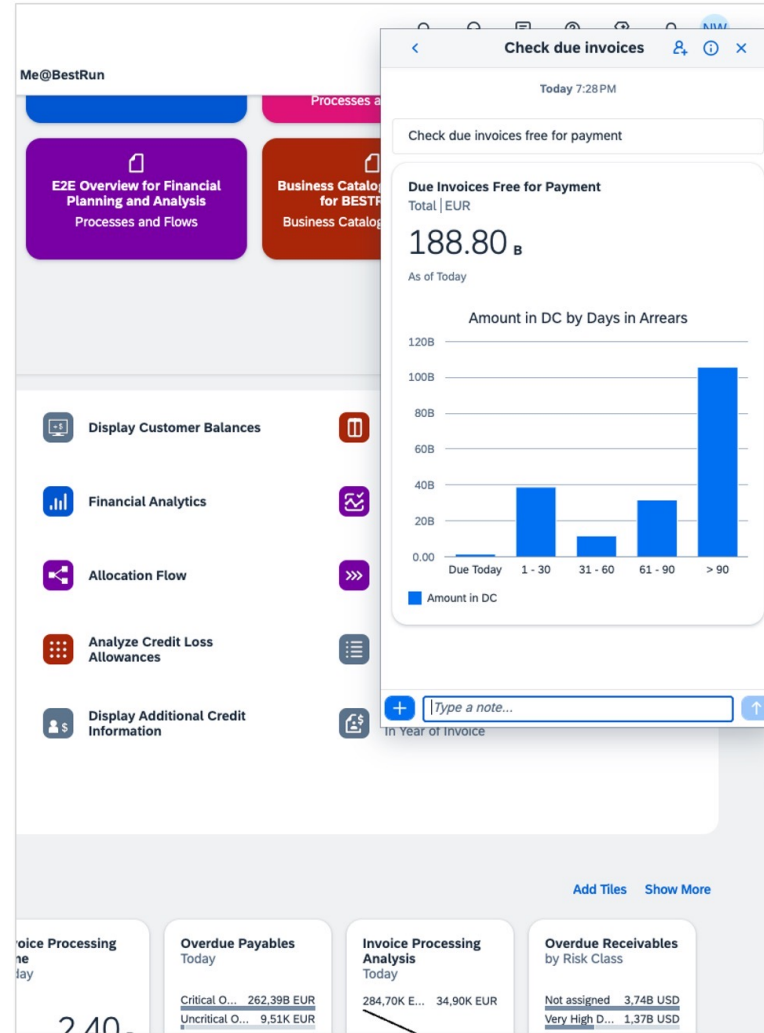
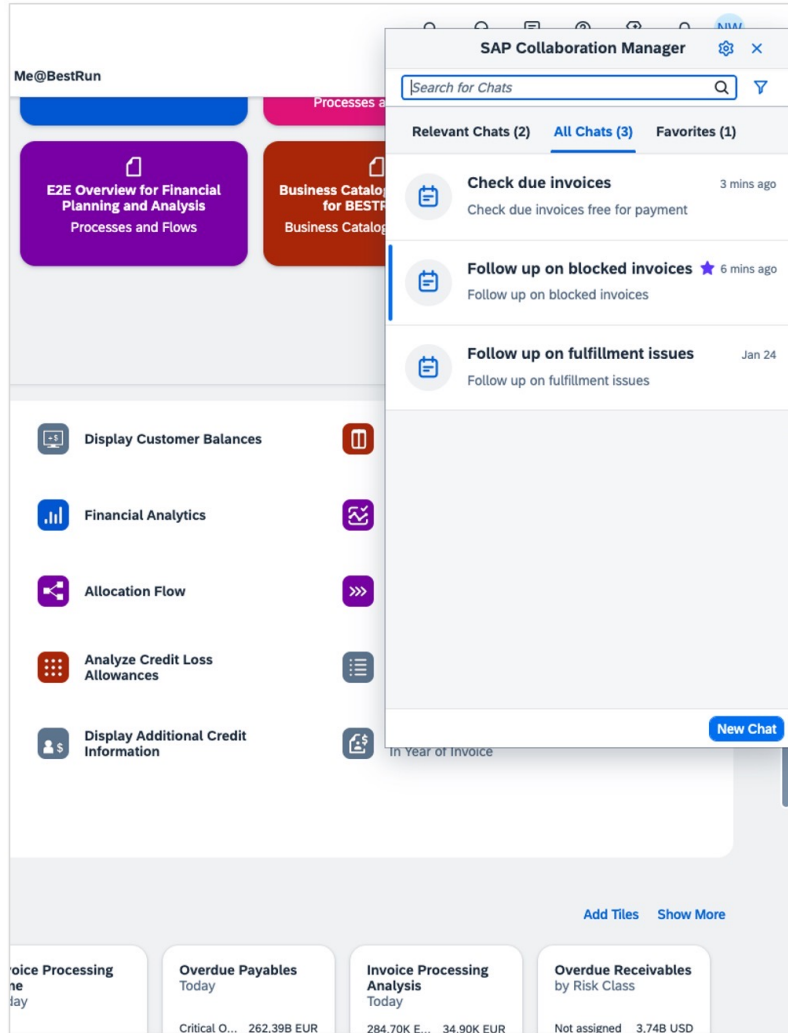
# SAP Collaboration Manager – new features



Users can **organize** their **chats** and **notes better**:

- Favorites
- Set chats to unread

# SAP Collaboration Manager – new features



Users can **organize** their **chats** and **notes better**:

- Favorites
- Set chats to unread
- Add insight cards



# Collaboration via Microsoft Teams

**Journal Entries (9) | Standard**

Journal Entry	Journal Entry Type	Company Code	Journal Entry Date	Posting Date	Amount in Company Code C...
9400003007	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	11/29/2023	11/29/2023	189.00 AUD
9400003006	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	11/29/2023	11/29/2023	7,371.00 AUD
9400003005	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	11/29/2023	11/29/2023	8,316.00 AUD
9400003004	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	11/29/2023	11/29/2023	34,150.00 AUD
9400003003	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	11/29/2023	11/29/2023	13,660.00 AUD
9400003002	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	11/29/2023	11/29/2023	13,660.00 AUD
9400003001	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	11/29/2023	11/29/2023	15,327.00 AUD
9400003000	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	11/29/2023	11/29/2023	17,685.00 AUD
9400002999	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	11/29/2023	11/29/2023	12,969.00 AUD

**Start conversation**

## Share as chat / share as tab

- Seamless integration
- Access to live data
- Pre-integrated
- No additional costs\*


\*Microsoft Teams needs to be licensed separately

**Share as**

- Send E-Mail
- Microsoft Teams
- As Chat
- As Tab
- Save as Tile

[Display Change Log](#) [View Reversal Logs](#) [↗](#) [v](#)

**Go** Adapt Filters (6)



Journal Entries (9)

Standard

Create

Upload

Copy

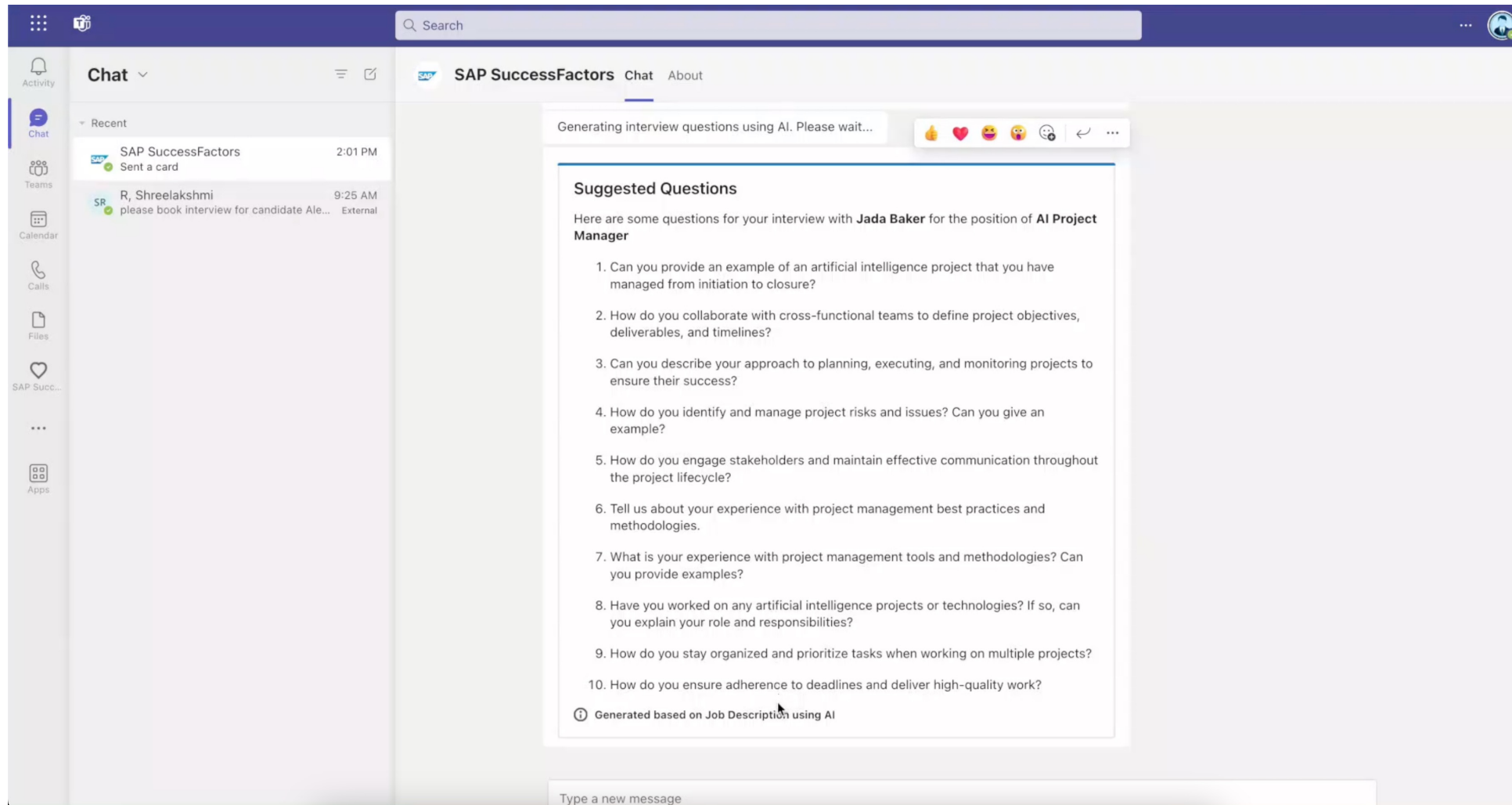
Reverse

Create Correspondence

Display

<div><div></div></div> Journal Entry	Journal Entry Type	Company Code	Journal Entry D...	Posting Date	Amount in Company Code C...	Document Header Text	Journal Entry Created By
<div><div></div>9400002780</div>	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	16.254,00 AUD		<div>SAP_SYSTEM (SAP System Processing)</div>
<div><div></div>9400002779</div>	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	20.412,00 AUD		<div>SAP_SYSTEM (SAP System Processing)</div>
<div><div></div>9400002778</div>	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	7.560,00 AUD		<div>SAP_SYSTEM (SAP System Processing)</div>
<div><div></div>9400002777</div>	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	13.660,00 AUD		<div>SAP_SYSTEM (SAP System Processing)</div>
<div><div></div>9400002776</div>	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	191.240,00 AUD		<div>SAP_SYSTEM (SAP System Processing)</div>
<div><div></div>9400002775</div>	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	27.320,00 AUD		<div>SAP_SYSTEM (SAP System Processing)</div>
<div><div></div>9400002774</div>	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	180.387,00 AUD		<div>SAP_SYSTEM (SAP System Processing)</div>
<div><div></div>9400002773</div>	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	8.253,00 AUD		<div>SAP_SYSTEM (SAP System Processing)</div>
<div><div></div>9400002772</div>	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	23.580,00 AUD		<div>SAP_SYSTEM (SAP System Processing)</div>

# Collaboration with embedded generative AI



## Example

Interview questions generation embedded in Microsoft Teams

SAP's user experience helps all users get their jobs done more easily, with better outcomes



Not only good-looking!

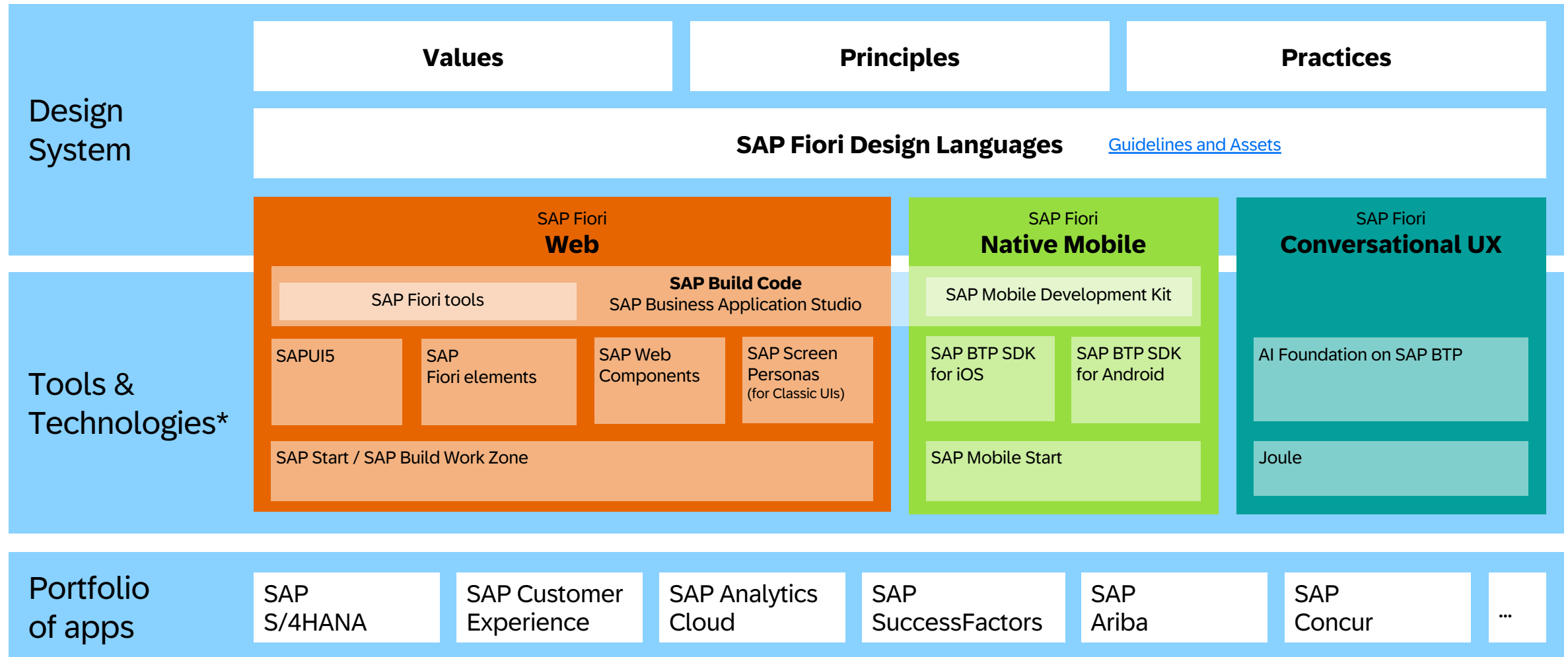


Easy to use and **enjoyable**, helping users work **better**, **together**

**This is just today...**

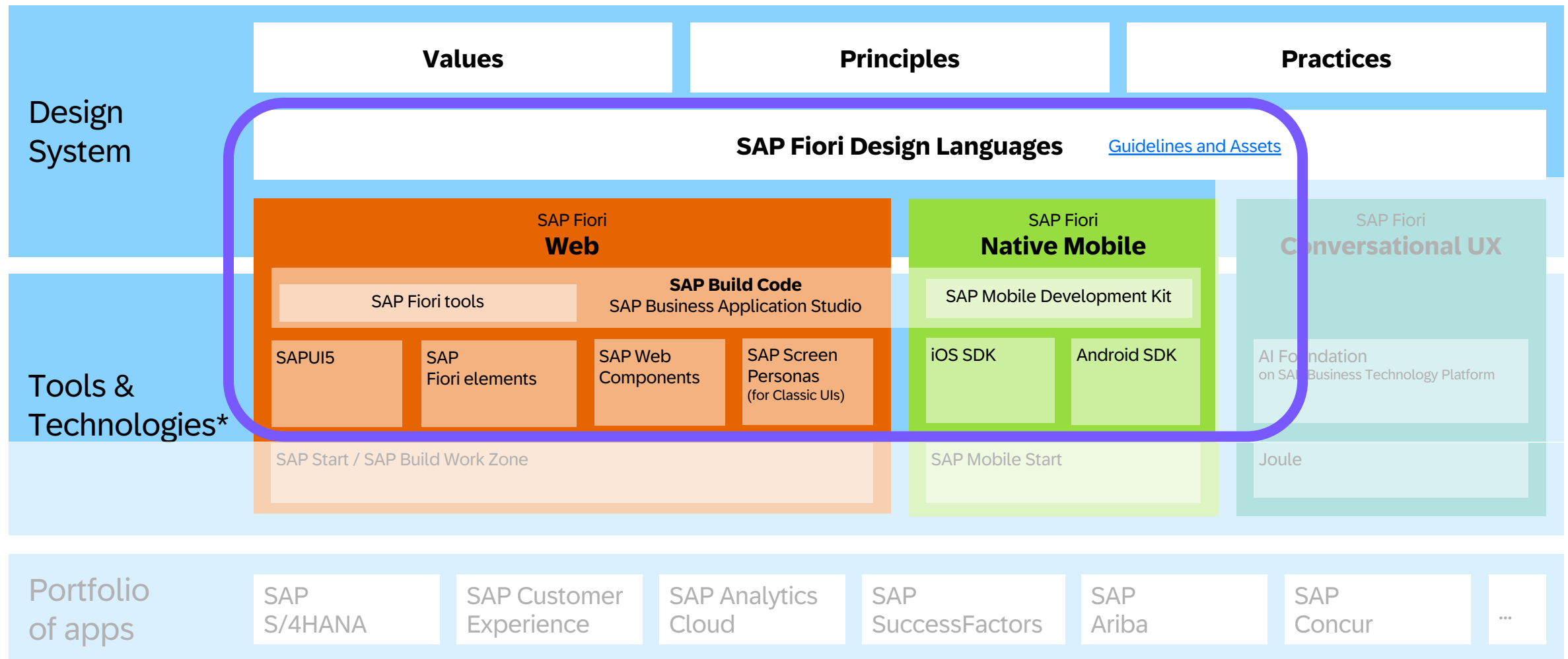
...our UX is constantly evolving leveraging  
innovations which can help users

# SAP Fiori big picture





# SAP Fiori big picture - focus on developing web and mobile apps



# There are several ways to build SAPUI5 apps



## SAP Fiori elements

### Floorplans

Best when desired app is close to a standard pattern

- Reduce time, coding to develop and maintain apps
- Match look and feel of apps that SAP ships



## Flexible Programming Model

### Building Blocks

Best to add standard functionality to a custom page

- Speed development by using pre-built blocks
- Combine building blocks for more complex designs



## Freestyle SAPUI5

### SAPUI5 controls

Best to have full control of every item on the screen

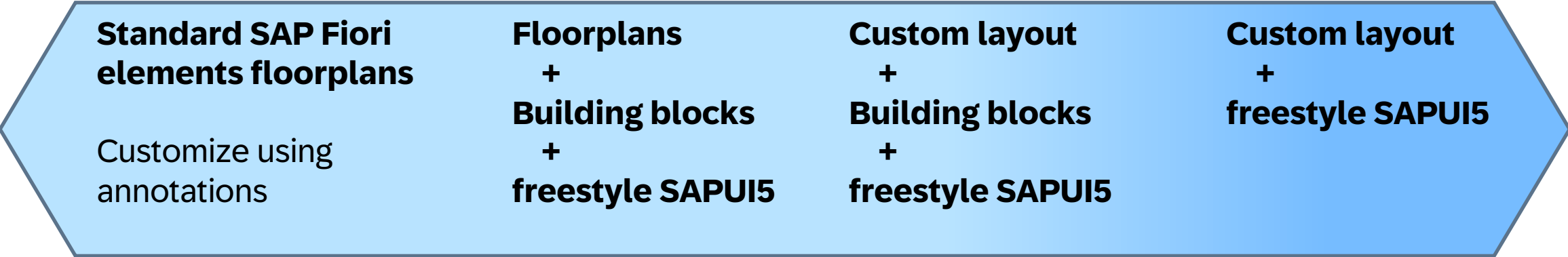
- Allow complete customization of your app
- Shift more maintenance of the app to the dev team

**More  
Efficiency**

**More  
Flexibility**

# Flexible Programming Model blends SAP Fiori elements and freestyle SAPUI5

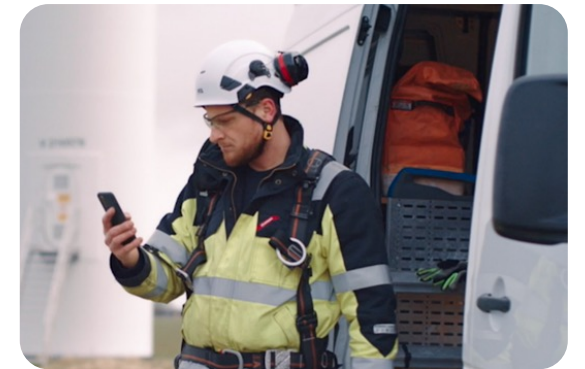
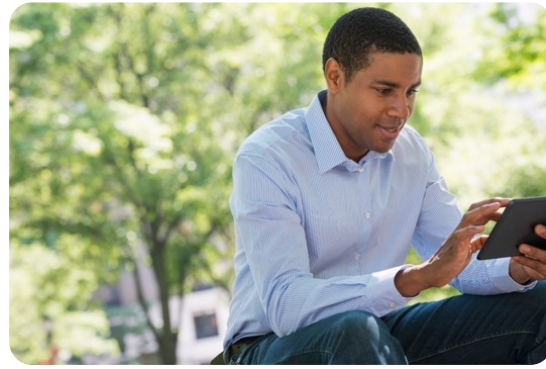
Using OData V4, developers have a **range of options** instead of an either/or decision



**SAP Fiori elements**  
Metadata-driven  
SAPUI5 development  
using annotations

**Freestyle SAPUI5**  
JavaScript framework  
and UI library

# People are increasingly mobile

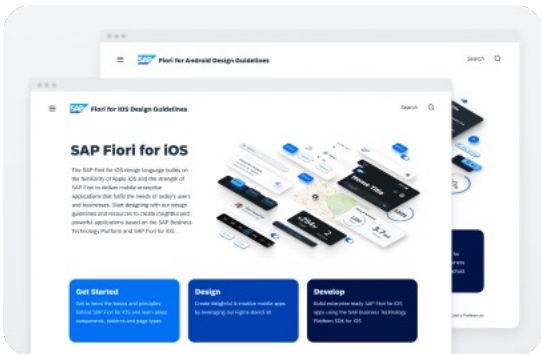


## A hybrid workforce is the future.

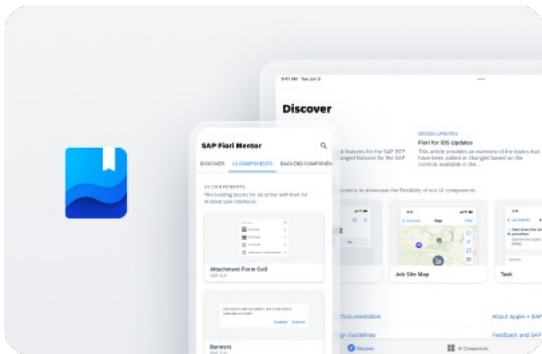
### Using both remote and on-site parts of the same solution to maximize effectiveness.

# Mobile design system – with Horizon

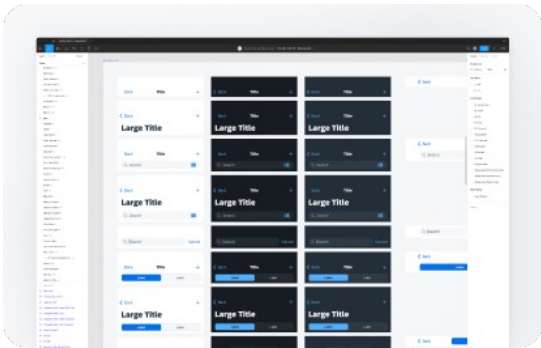
## End to end: Design to technology



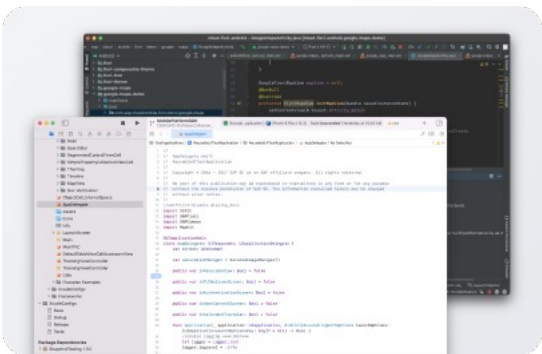
Design guidelines  
[Android](#) [iOS](#)



SAP Fiori Mentor mobile app for iOS and Android  
[Android & iOS](#)



UI kits  
[Android](#) [iOS](#)



Software development kits  
[Android](#) [iOS](#)

# Learn more

## General information on SAP User Experience

- ▶ [SAP Fiori product page](#) get an overview
- ▶ [SAP Fiori topic page in the SAP community](#) links to detailed information and blogs, e.g. design guidelines, road map, documentation, rapid development with SAP Fiori elements

## Additional information for this presentation

- ▶ SAP Fiori road map: [Technology](#); [Applications and Technology](#)
- ▶ Blog posts:
  - ▶ [UX Update: What's new SAP S/4HANA 2023 \(on-premise & private cloud\)](#)
  - ▶ [User Experience Advances with SAP S/4HANA 2023 FPS01 \(Private Cloud and On-Premise\)](#)
  - ▶ [SAP UX Innovations in Public Cloud Products, Joule, AI, Entry Points, Apple Vision Pro and more](#)
  - ▶ [How to use SAP Fiori elements, SAPUI5 freestyle or a mix of both...](#)
- ▶ [SAP Fiori apps reference library](#)





# Thank you.

Contact information:

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thomas.reiss@sap.com

