



SAP Fiori: Latest Innovations and Outlook

Thomas Reiss, SAP

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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



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Better



Together

Looks good and is accessible to everyone

The SAP Start web interface features a top banner with a photo of two children in flight suits, a date (Fri, Nov 10), and a greeting (Hello, Ben!). Below this is a 'To Dos' section with cards for purchase requisitions and time off. The 'Insights' section includes goals like business continuity and customer complaints, along with purchase contract monitoring and job applications.

To Dos

- Release of Purchase Requisition Item (6 hours ago)
Approve Purchase Requisition 10082258 00010
Buttons: Approve, Reject
- Time Off (2 weeks ago)
Jonathon Blake
Vacation 2 days
Buttons: Approve, Decline
- Release of Purchase Requisition Item (3 weeks ago)
Bshervin
Approve Purchase Requisition 10077354 00010
Buttons: Approve, Reject
- Requisition (Oct 17–24, 2023)
Jones Davidson
Billing Analyst
3,600.00 USD
View More

Insights

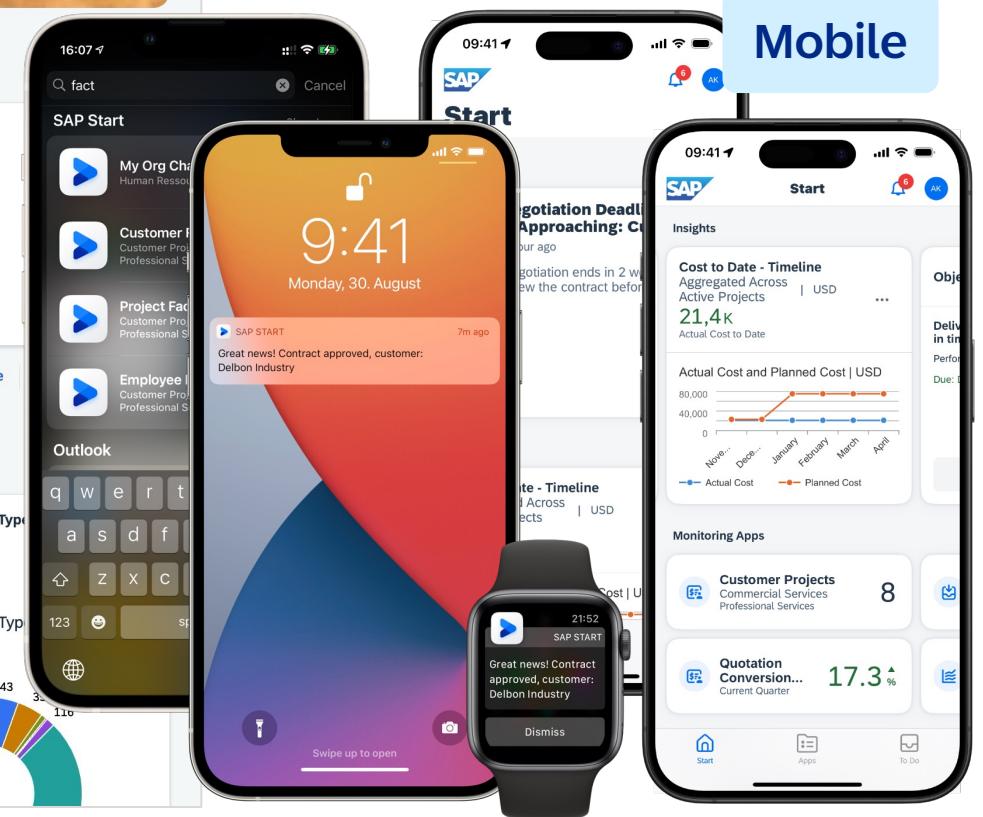
- Goals (3 of 3): Develop and document business continuity plans (70 days overdue)
- Monitor Purchase Contracts (63): Sorted by consumption, valid-to-date, and target value
 - Garrett Motion Inc. (in 9 months): Status as of Nov 5, 2023 (29.0M EUR, 77.9%)
 - AV Parts Inc (in 9 months): Status as of Oct 24, 2023 (29.0M EUR, 71.0%)
 - Planning Manager (SB): Status as of Oct 24, 2023
- Job Applications (3 of 3):
 - Regional Sales (SB): Status as of Nov 5, 2023 (New Application (ext))
 - Production Oversight Manager (SB): Status as of Oct 24, 2023 (New Application (ext))
 - Planning Manager (SB): Status as of Oct 24, 2023
- Purchase Requisition Item Type (8 K): By Item Type (443, 35, 110)

Web

SAP Start

Mobile

SAP Mobile Start



SAP Fiori visual design: Horizon themes

This screenshot shows the SAP Fiori interface in the Morning Horizon theme. The background is white, and the UI elements are primarily in shades of blue, green, and orange. The top navigation bar includes links for Home, General Ledger, Accounts Payable, Accounts Receivable, Purchasing Analytics and Supplier Evaluation, Master Data - Products, Project Management - Commercial, Receiving, Shipping, and More. Below the navigation is a 'To Do' section with several tasks listed. A 'Pages' section contains icons for Modules, Suppliers, Delivery, Purchase Order Processing, Master Data - Products, Source of Supply Management, Shipping, and Sourcing. The main content area displays a 'Purchase Order Items' dashboard with various charts and tables. A detailed table at the bottom lists 3,841 purchase order items with columns for Purchase Order, Item, Material, Supplier, Next Delivery Date, Predicted Delivery Date, Next Delivery Quantity, and Order Quantity.

Morning
Horizon

Also available for accessibility: high contrast light and dark themes

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

This screenshot shows the SAP Fiori interface in the Evening Horizon theme. The background is dark, and the UI elements are primarily in shades of light blue, green, and orange. The layout and components are identical to the Morning theme, including the top navigation bar, 'To Do' section, 'Pages' section, and 'Purchase Order Items' dashboard. The overall aesthetic is more minimalist and modern due to the dark background.

For low-light
environments

SAP SuccessFactors with Horizon

The image displays a collage of SAP SuccessFactors and SAP Horizon screenshots, illustrating the integration of these platforms.

SAP Home: Shows a "Good Morning!" message over coffee cups, quick actions like Request Time Off, Approvals, For You Today, and Organizational Updates, and a mobile app interface.

SAP Goals: Displays a team goal titled "Increase customer satisfaction rate to 90% by end of the year (Public)" with a status of "On Track" (60% completion, 4.5 rating), assignees (4), and a detailed description.

SAP Opportunity Marketplace: Shows the Opportunity Marketplace with sections for Broaden Your Experience, Discover Open Jobs, Learn New Skills, Connect with People, and Explore Career Options.

Mobile Screenshots: Three mobile phones show the SAP SuccessFactors mobile app interface, including the home screen, team goal details, and opportunities screen.

Page Number: 9

SAP Ariba with Horizon

Develop Strategy and Plan - 2024 Clothes Strategy

Latest Version (auto-created): Dec 04, 2023

Strategy Start Date: Jan 1, 2024 | Created By: Mark Steiger | Phase: Draft | Region: Germany

Strategy End Date: Dec 31, 2024 | Routine | Leverage

1 Category Analysis

Category Segmentation

2 Market Analysis

Category Spend

Clothes | All regions | EUR
16.42 M Last 12 months

Quarterly spend

Quarter	Spend (M)
Q4, 2022	2.48M
Q1, 2023	4.20M
Q2, 2023	3.93M
Q3, 2023	3.27M
Q4, 2023	2.54M

3 Strategy and Plan

Spend by Supplier

Clothes | All regions | EUR Last 12 months

Top 5 suppliers

Supplier	Spend (M)
Inditex	4.88M
Pacific Jeans	3.76M
Noman Group	3.54M
ZWR Global	1.84M
HanRiver Apparel	1.10M

Spend by Region

Clothes | All regions | EUR Last 12 months

All regions

Region	Spend (M)
DACH	6.3M
EU	4.43M
EMEA	3.61M
US	1.86M
Others	0.33M

4 Approval

Planned Spend

EUR
15.60 M

Quarter	Planned Spend (M)
Q1, 2024	1.7M
Q2, 2024	4.1M
Q3, 2024	4.6M
Q4, 2024	5.2M

Business Requirements

R A Q S C I

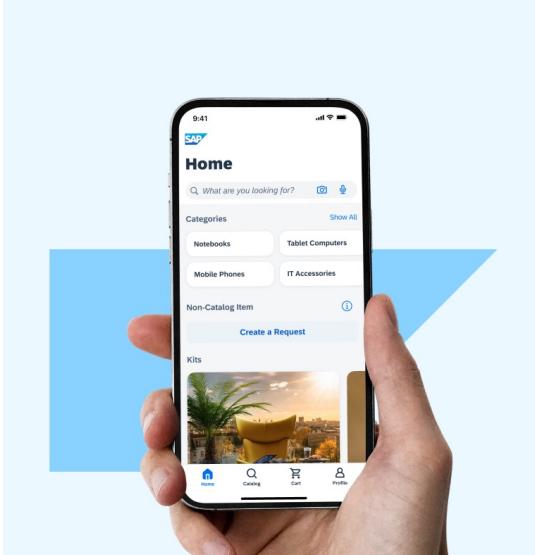
- Good Manufacturing Practices (GMP): Clothes must be manufactured and supplied in accordance with GMP regulations, which dictate quality control standards for the production, storage, and distribution of products.
- Environmental Regulations: In some regions, there are regulations related to environmentally friendly or sustainable claims in advertising. Advertisers may need to substantiate claims related to eco-friendly practices.

SWOT Analysis

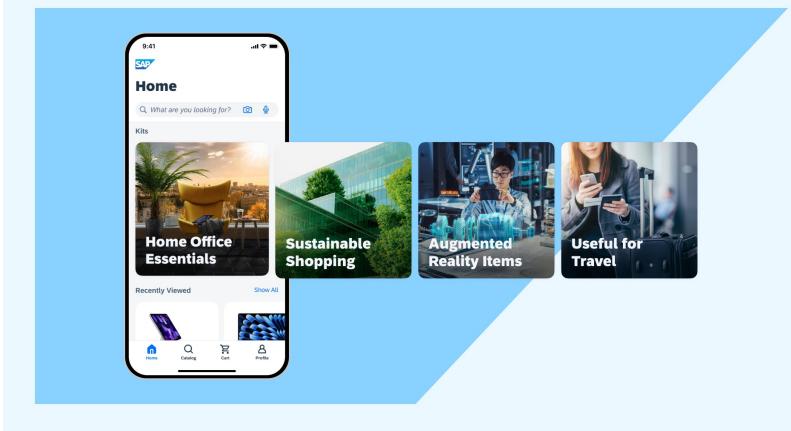
S W O T

- An effective purchaser can diversify its supplier base for Clothes, reducing dependency on a single supplier. This strategy enhances supply chain resilience and mitigates risks associated with supplier-related disruptions.
- Companies that purchase Clothes in bulk often have significant negotiating power. This enables them to secure favorable pricing, terms, and conditions from suppliers, potentially reducing procurement costs.
- Skilled purchasers can establish rigorous quality control and assurance protocols to ensure that Clothes meet regulatory and advertising-specific requirements. This contributes to consistent product quality and marketing effectiveness.

SAP Ariba Category Management



SAP Ariba Shopping
Mobile App



Updated Horizon visual theme: better home page contrast

Before

The screenshot shows the SAP Home page with a light gray background. It features a navigation bar at the top with links for My Home, My Inbox, Commercial Projects, Reports and Dashboards, and Self Services. Below the navigation bar is a search bar. The main content area is divided into sections: 'To Dos', 'Interests', and 'Apps'. The 'To Dos' section contains four cards with task details. The 'Interests' section includes a news card and several colored tiles for Sales Resource Management, Overview Internal Sales, Sales Analytics, Sales Rebates, My Inbox, Sales Products, Employee Self Services, and Sales Commission. The 'Apps' section lists various SAP applications with their icons and names.

After

The screenshot shows the SAP Home page in the updated 'After' theme. The background is a darker gray compared to the 'Before' theme. The overall layout is similar, with the SAP logo, navigation bar, search bar, and main content sections ('To Dos', 'Interests', 'Apps'). The cards in the 'To Dos' and 'Interests' sections have a more pronounced shadow, making them stand out against the darker background. The 'Apps' section also uses a darker background for its cards.

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

SAP Home ▾

Products (23)

Astro Laptop 1526

HT-2000

Manufacturer: Robotech
Factory: Florida, OL
Supplier: Ultrasonic United

Price: 989.00 USD

General Information Suppliers More ▾

Product ID: HT-2000

Description: Flexible Laptop with 2.5 GHz Quad Core, 15" HD TN, 16 GB DDR SDRAM, 256 GB SSD, Windows 10 Pro

Model: Astro Laptop

Suppliers

Titanium Technocom

After

SAP Home ▾

Products (23)

Astro Laptop 1526

HT-2000

Manufacturer: Robotech
Factory: Florida, OL
Supplier: Ultrasonic United

Price: 989.00 USD

General Information Suppliers More ▾

Product ID: HT-2000

Description: Flexible Laptop with 2.5 GHz Quad Core, 15" HD TN, 16 GB DDR SDRAM, 256 GB SSD, Windows 10 Pro

Model: Astro Laptop

Suppliers

Action Search

Titanium Technocom

- 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.

The screenshot shows the SAP Sales Order object page for Sales Order 364715. The top section displays various status and financial metrics across six columns. Below this, the page is divided into sections: 'Basic Data' and 'Advanced Data', each containing six columns of detailed information. The 'Basic Data' section includes fields like Order Data, Ship-to Party Data, and Hide Details. The 'Advanced Data' section includes sections for Terms and Conditions, Pricing and Billing, Organizational Data, and Administrative Data. The entire page is designed to utilize the available width effectively, reducing white space and displaying more data per screen.

Basic Data

Order Data	Ship-to Party Data	Hide Details
Sold-to Party: US Specialty Cycles 3 (USCU_S03)	Customer Group: Speciality (Z1)	Tax Jurisdiction: PA00000000
Customer Reference: 4500284033	Shipping Conditions: Standard (01)	Address: 133 Grant Street, Greensburg PA 15601, USA
Requested Delivery Date: 12/30/2023	Doc-Specific Address: No	Transportation Zone: —
Document Date: 12/30/2023	Order Reason: —	Unloading Point: —
Order Reason: —	—	VAT Registration No.: —

Advanced Data

Terms and Conditions	Pricing and Billing	Organizational Data	Administrative Data
Incoterms: Costs and Freight (CFR)	Incoterms Location 2: —	Complete Delivery: No	Pricing Date: 12/30/2023
Incoterms Version: No Version	Terms of Payment: Net Due in 30 Days (NT30)	Order Combination: Yes	Pricing Procedure: Materials (US) (Y17J01)
Incoterms Location 1: Cost & Freight	Payment Method: —	Document Currency: United States Dollar (USD)	Customer Price Group: Regular buyer (C1)
—	—	—	Price List Type: —
—	—	—	Billing Date: 12/30/2023
—	—	—	Serv. Rendered Date: —
—	—	—	Sales Organization: Dom. Sales Org US (1710)
—	—	—	Distribution Channel: Direct Sales (10)
—	—	—	Division: Product Division 00 (00)
—	—	—	Sales Office: —
—	—	—	Sales Group: —
—	—	—	Sales District: Northeast (US0004)
—	—	—	Last Changed By: SAP System Processing (SAP_SYSTEM)
—	—	—	Last Changed On: 07/01/2023, 00:30:58
—	—	—	Created By: SAP System Processing (SAP_SYSTEM)
—	—	—	Created On: 07/01/2023, 00:30:59
—	—	—	Last Changed On: 07/01/2023, 00:30:59

Just one of the
numerous
improvements in details

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- Adaptable based on your needs



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

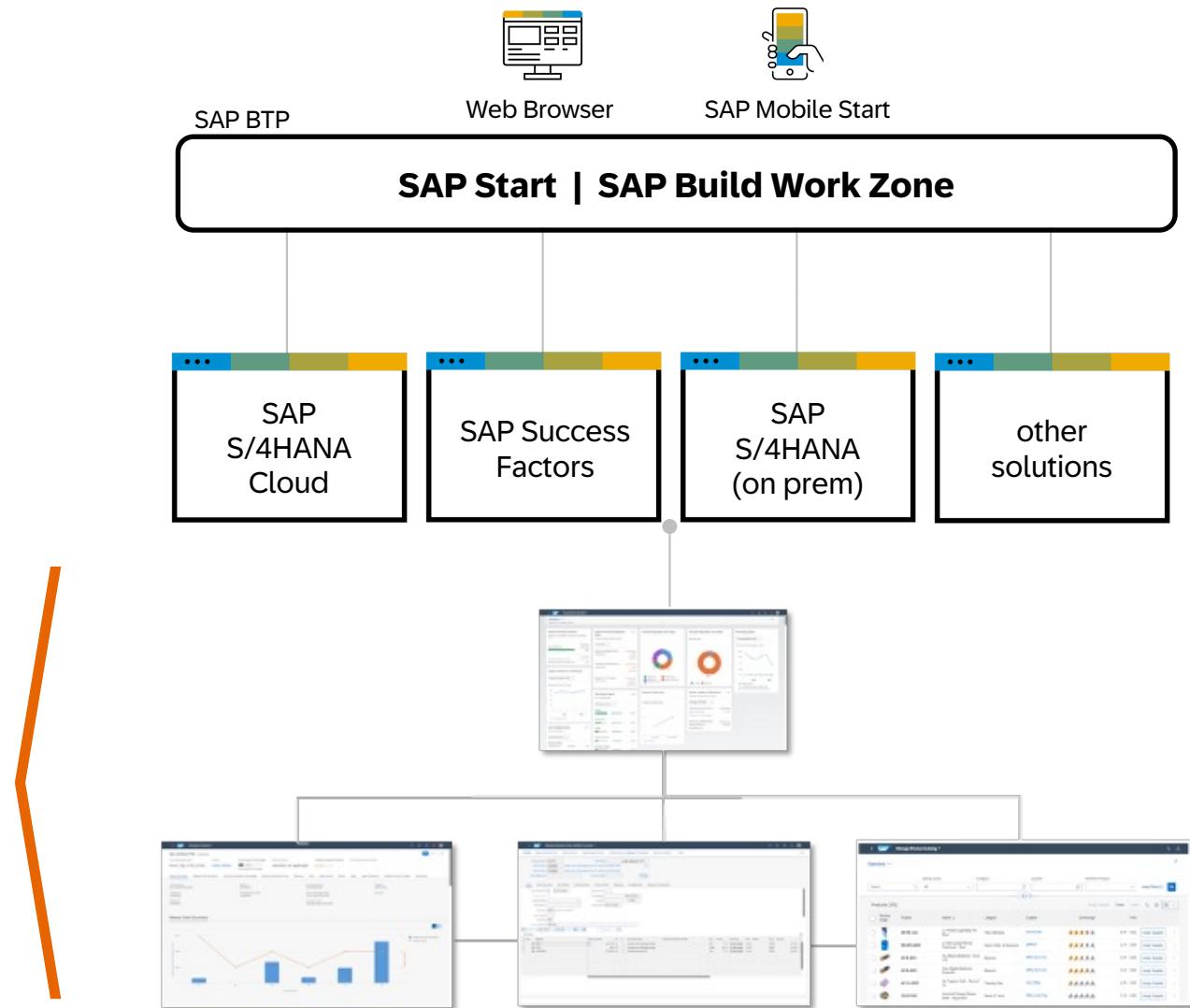
Access relevant business content within a single SAP system or cloud solution

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 SAP Start home page is displayed, featuring three main sections:

- Search:** A search bar at the top left is highlighted with a red circle containing the number 1.
- To Dos:** A section titled "To Dos" containing four cards, each representing a task to approve a purchase requisition. Each card includes an "Approve" and "Reject" button. This section is highlighted with a red circle containing the number 2.
- Insights:** A section titled "Insights" containing several cards with performance monitoring data. These include "Supplier Performance Monitoring" (line chart of Operational Score by Quarter), "Monitor Purchase Order Items" (list of overdue purchase orders), and "Purchasing Spend" (line chart of PO Net Amount by Quarter). This section is highlighted with a red circle containing the number 3.

A mobile phone icon on the right shows a simplified view of the SAP Start interface, including a "New To Dos" section and a "Monitoring Apps" section.

SAP Build Work Zone, standard edition

SAP Start scope plus these:

1. Navigation menu
accessing remote and local pages **New**
2. Flexible page builder
Can embed ToDos & Insight Cards sections from SAP Start **New**
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 interface with several features highlighted:

- 1.** Navigation menu: A horizontal bar at the top with links for Home, Company, Sales, Facilities, and Self Service.
- 2.** SAP Start scope: A banner at the top with the text "Good morning, Sarah" and the date "Tue, Nov 15 | 57°F".
- 3.** Applications and tiles section: A grid of cards under the heading "Applications". One card, "My Leave Requests", is highlighted with a red box and numbered 4. Another card, "e-Signature", is highlighted with a red box and numbered 5.
- 4.** Integration with cloud and on-premise systems: A card titled "Predicted Delivery Delay" showing metrics for Delayed, Early, and On Time categories.
- 5.** Custom apps and UI Cards: A card titled "e-Signature" with a sub-section "Verify and e-sign the forms before submitting".
- 6.** Shell extensions: A small circular icon in the top right corner.
- Design prototype:** A grey arrow pointing to the bottom right corner of the screen.
- Mobile view:** An inset image of a smartphone showing the SAP Start interface with sections like "New To Dos", "Job seeker", "Monitoring Apps", and "My Inbox".

SAP Build Work Zone, advanced edition

Additional features:

1. Enhanced menu builder
2. Interactive workspaces created by business users
3. Blend SAP & 3rd party apps, business data & web content in a unified experience
4. Premium business content packages^{1,2}
5. Company-wide knowledge base
6. MS Teams integration¹

1

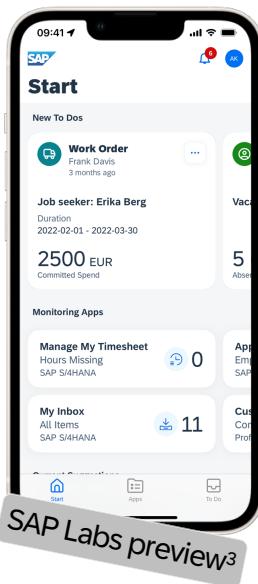
2

3

4

5

This screenshot displays the SAP Build Work Zone interface. At the top, there's a navigation bar with links like Home, My Workspace, Workspaces, Tools, Welcome, Human Resources, IT Knowledge Base, Learning, Corporate Strategy, Help & Support, Onboarding Experience, and Welcome. Below the navigation is a large banner titled "2023 Strategy" featuring a man pointing at a digital screen displaying various charts and data. Underneath this are four cards: "In Depth" (The Top 5 Wind Power FAQs), "Leadership Series" (Spotlight: Women in Leadership), "Innovations" (Join the Challenge), and "Executive 1:1" (Meet with a coach). The main content area contains several cards: "My Goals" (Create, manage, evaluate), "New Orders" (Shopping Cart, Order Now!), "My Time Off" (Self-service), "Integration Center Monitoring" (SAP SuccessFactors), "Monitor Workflows" (Workflow Instances), "Org Chart" (People), and "Performance Management" (Access review forms). At the bottom, there are sections for "Project Summary - General Expenses" (SAP S/4 HANA | Finance) showing a bar chart with values 18, 15, 19, and 24 for Q1, Q2, Q3, and Q4 respectively, and "HR Announcements" (Health Benefits - Obj, Improving Employee, Maximize Your Inve) from users like Emily Clark, Florian Buech, and Florian Buech. A "Notification Summary" section lists various types of notifications: Requests, Social updates, Informational updates, Invitations, and Tasks. A "Knowledge Base" section shows articles like "Blade Angle adjustment for SustainaMax Wind Turbine" and "Coating wearing off high performance skis".

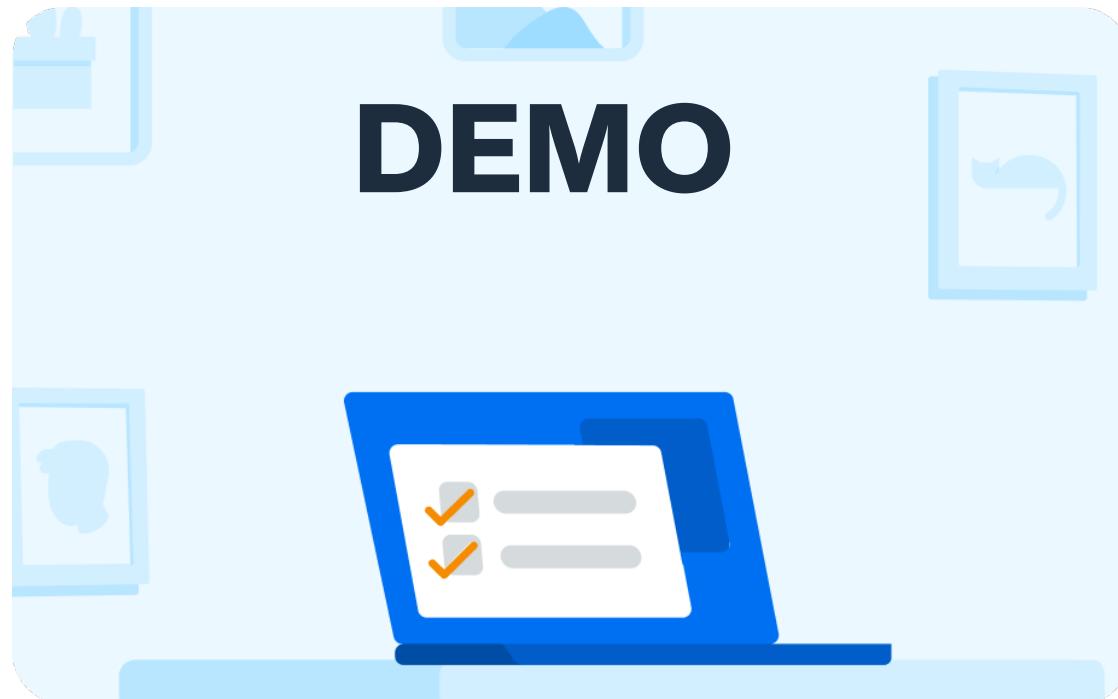


1. Not presented in the slide

2. Delivered with SAP SuccessFactors Work Zone

3. SAP Mobile Start planned to provide access to advanced edition

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

Release of Purchase Requisition Item 3 days ago

Approve Purchase Requisition 10076984 00010

Requisition Jones Davidson 3 days ago

Billing Analyst Oct 17 – 24, 2023

3,600.00 **USD**

Procurement Purchase Requisition Jonathon Blake 1 week ago

PR8055 - Apple MacBook Pro 2021 16

2,400.00 **USD**

Approve Reject

[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 5K ...

By Item Type

Item Type	Count
322	322
335	335
69	69
Others	1

Off-Contract Spend 58 ...

As % of total spend | By Material Group

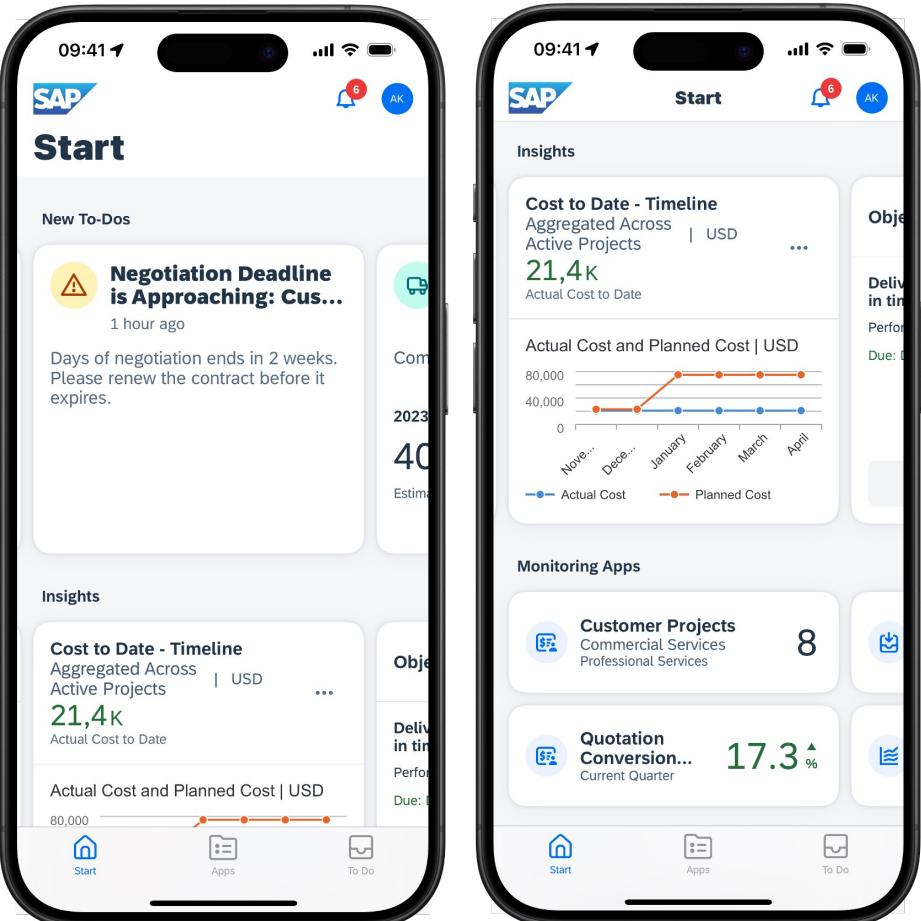
Frame	80 %	698.7M EUR
Drive Train	81 %	312.5M EUR
Derailleur Gears	79 %	167.7M EUR
Youth	100 %	167.3M EUR

Non-Managed Spend 23 ...

As % of total spend | By Material Group

Not assigned	100 %	290.9B EUR
Trading Materials	0 %	0.0 EUR
Finished Goods	0 %	0.0 EUR
Auxillary substaces	0 %	0.0 EUR

SAP Mobile Start: New innovations



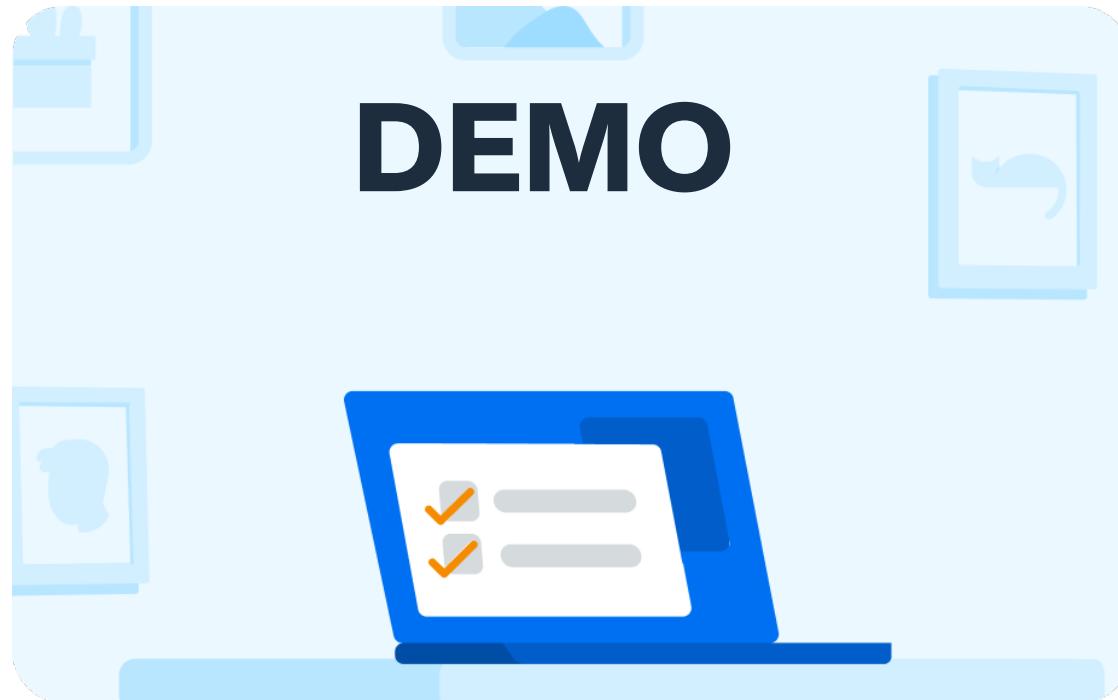
Situation Handling via To-Dos Insight Cards from SAP Start

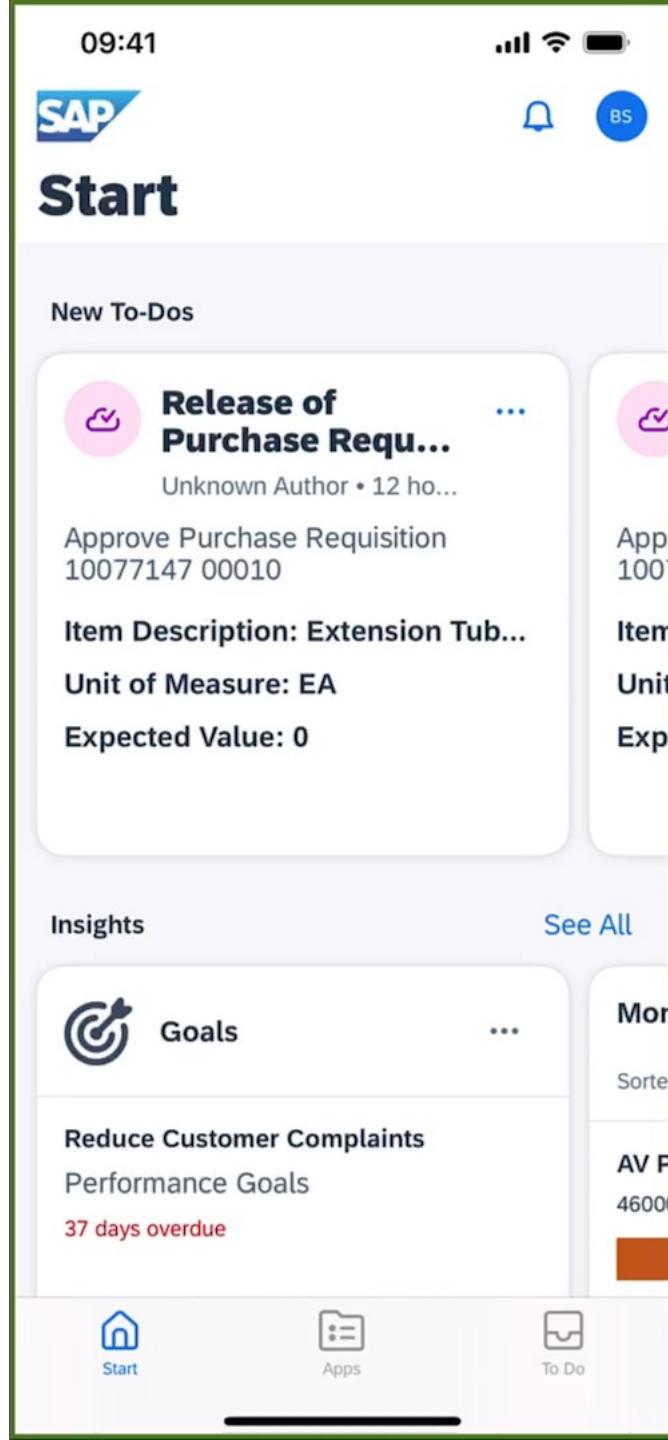
Watch Companion App for iOS



and
for Android

Demo: Integration with SAP Mobile Start

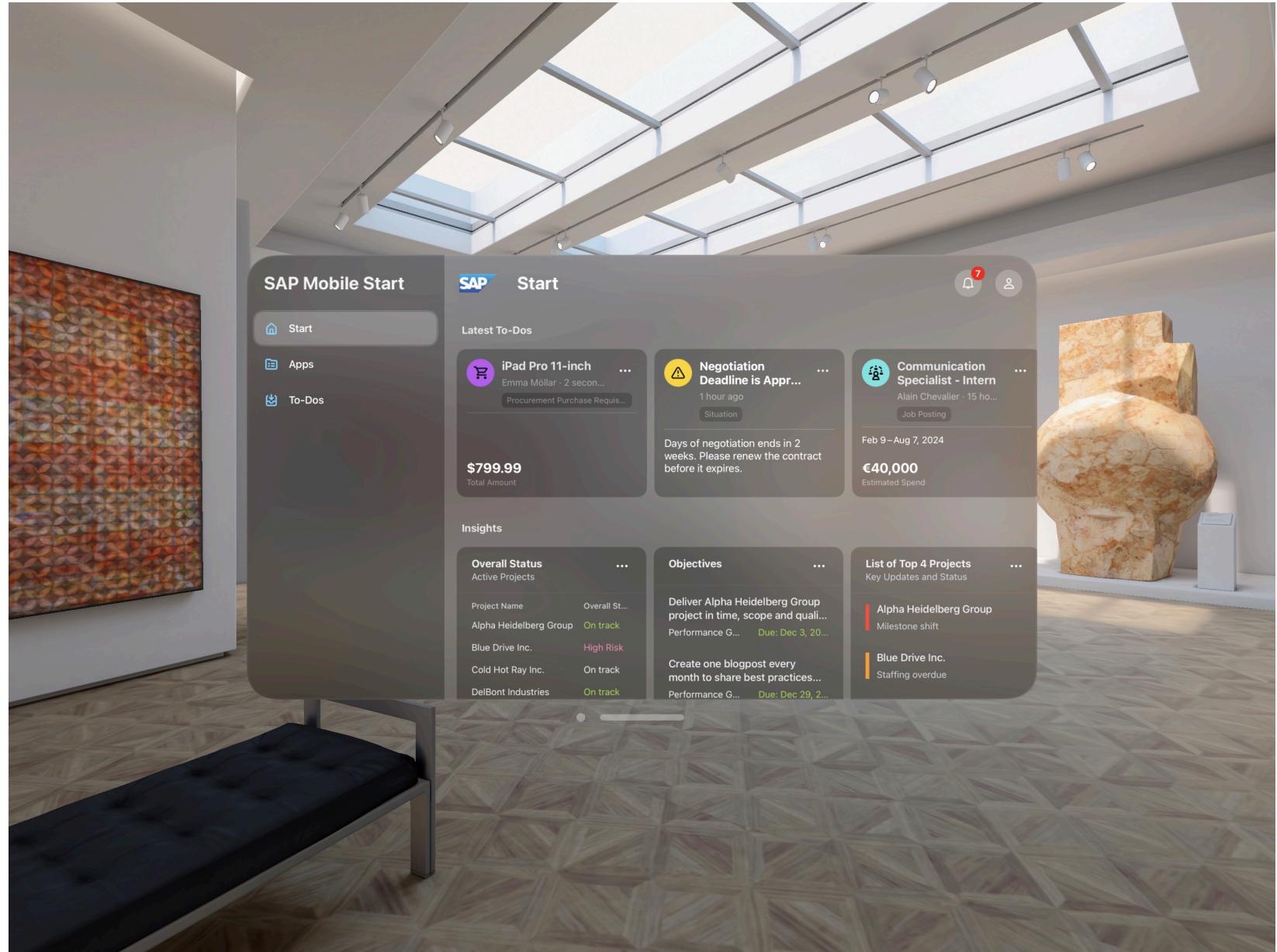




SAP Mobile Start now available on Apple Vision Pro

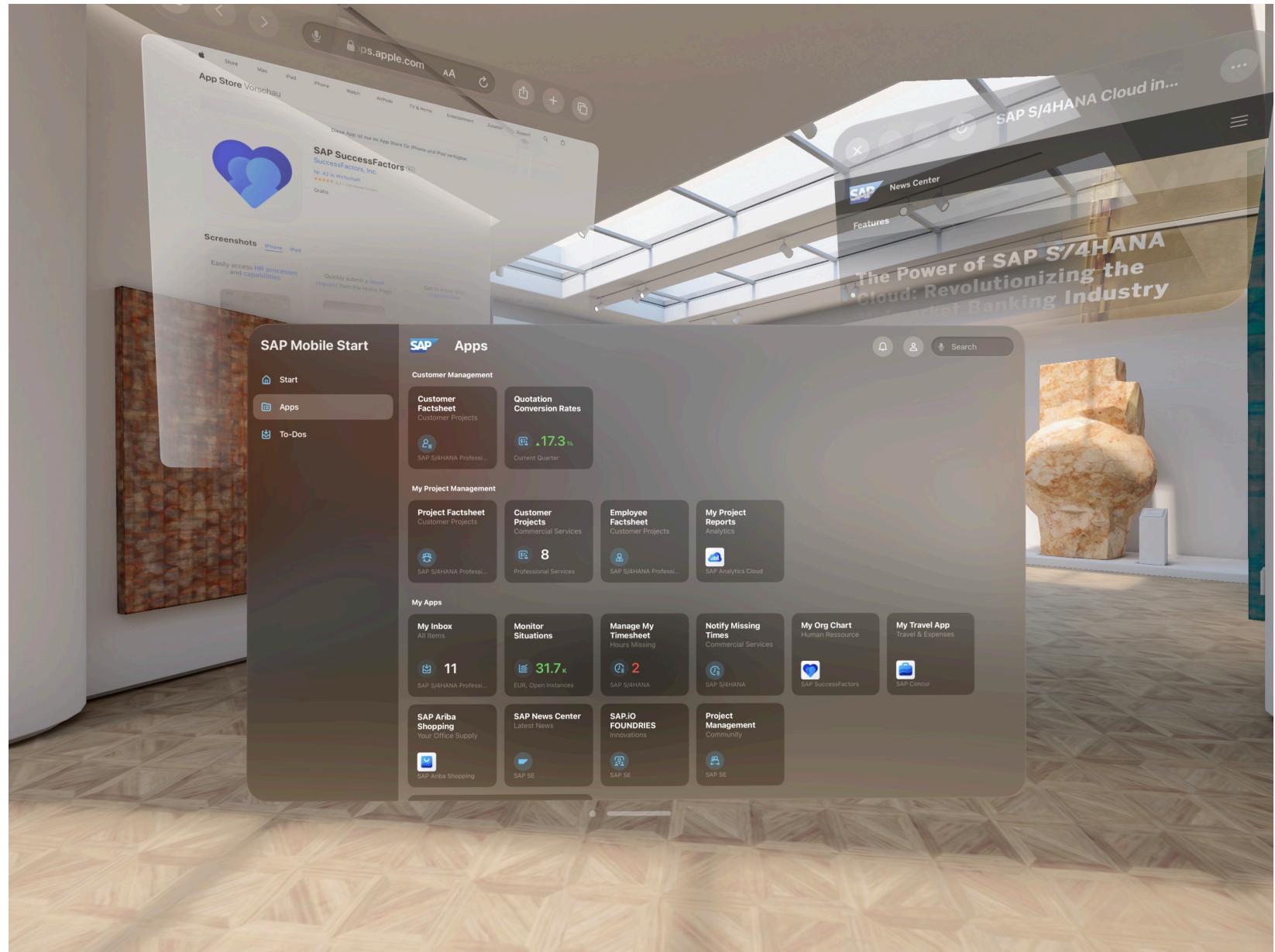
Start screen

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

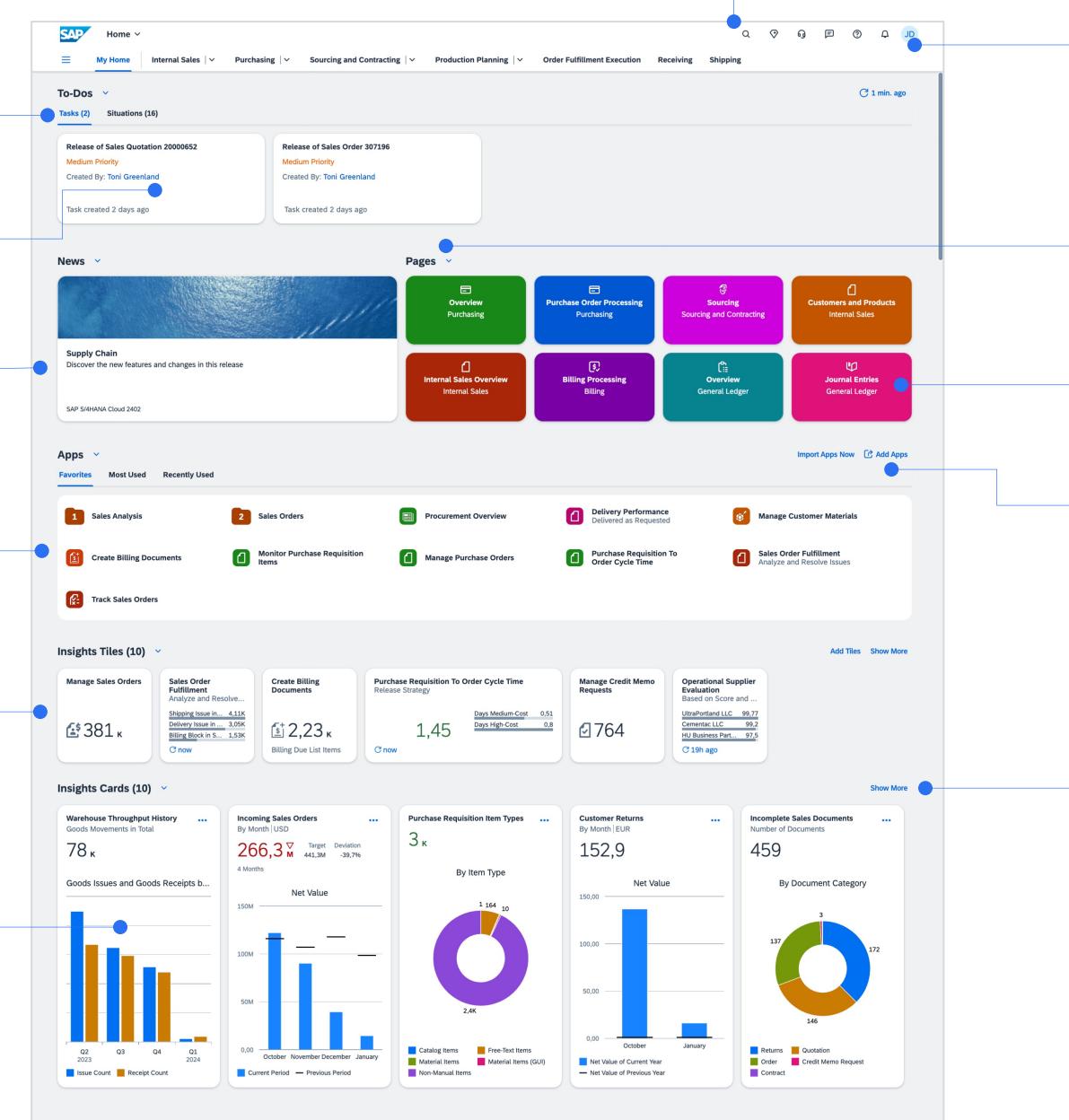
Collaborate with Task creators via MS Teams

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

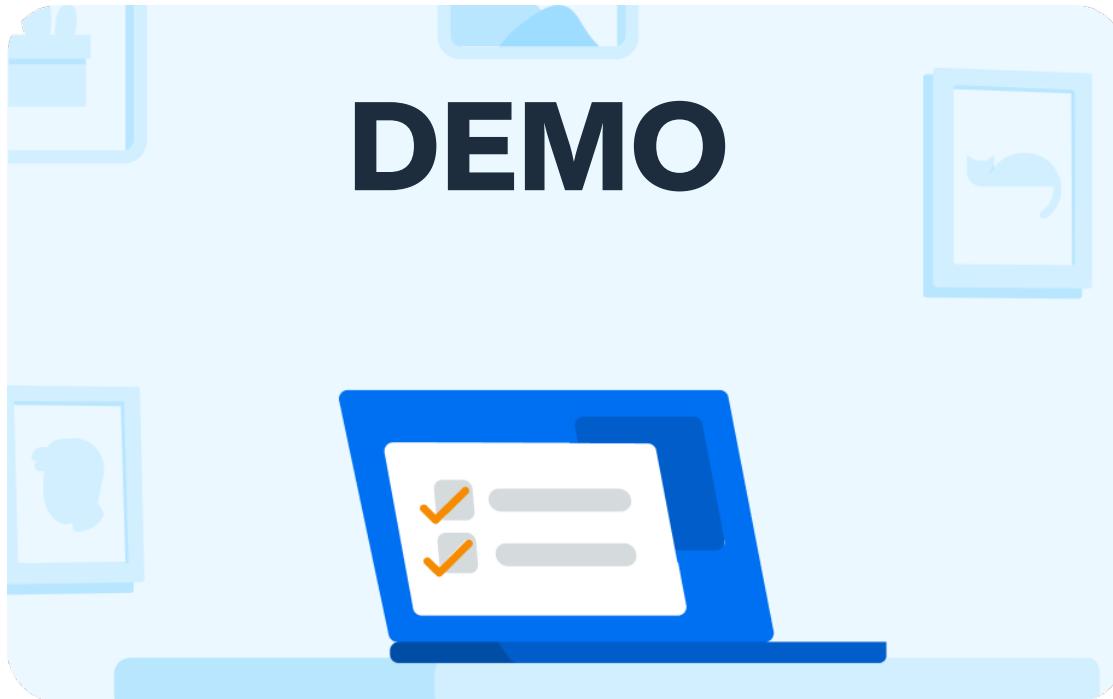
Personalize the content of each section

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](#)

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Better

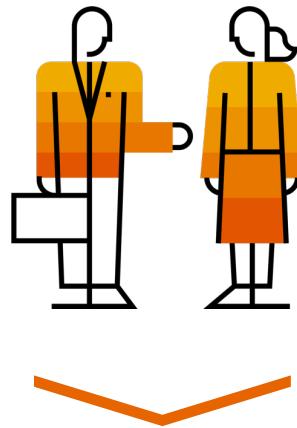


Together

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](#) **NEW**

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



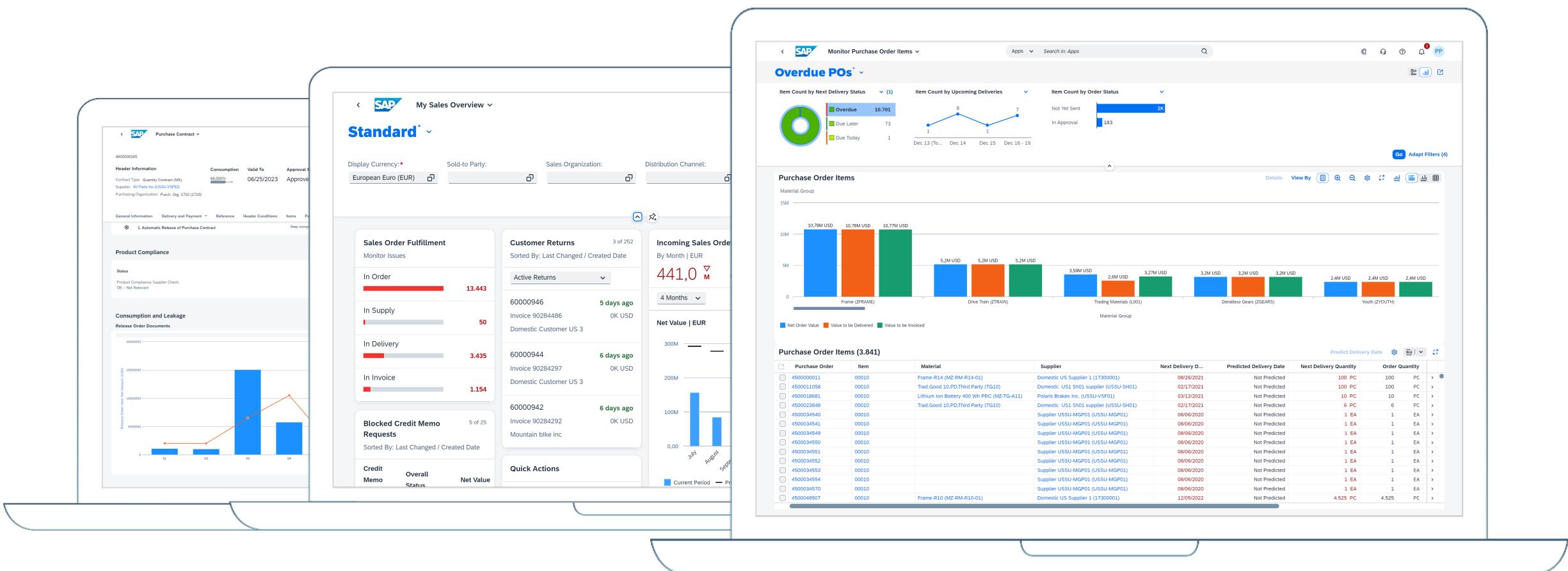
Better

- 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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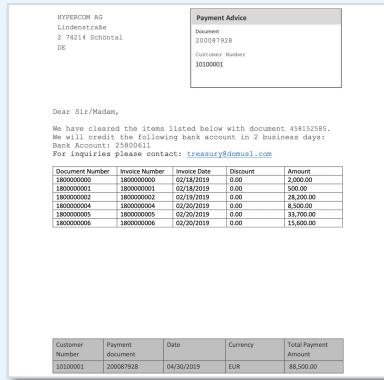


Together

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

AI Automation

Payment advice received from customer as PDF



Automated creation of Payment Advice

AI Augmentation

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.

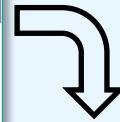
[Close Situation](#)

Situation Handling news:

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

Notification in My Home

User navigation to Situation view of Payment Advice



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



Enjoyable



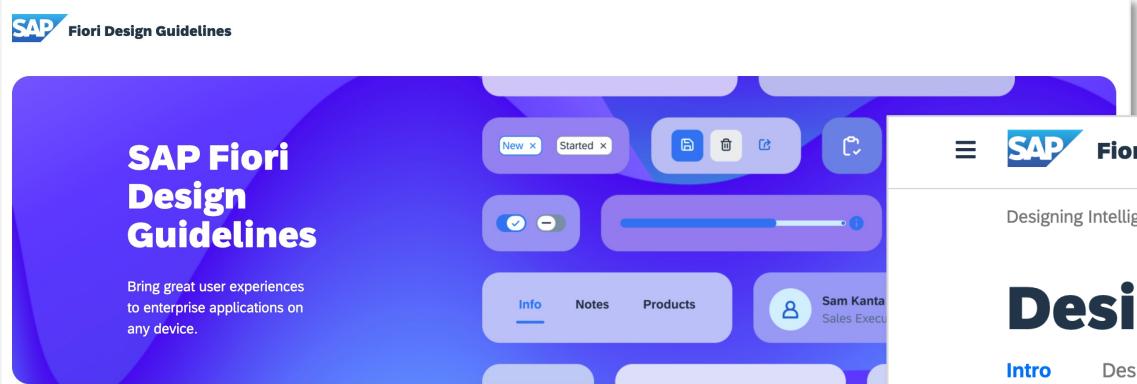
Better

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



Together

SAP Fiori Design Guidelines – with AI updates



The screenshot shows the SAP Fiori Design Guidelines website. The main header features the SAP logo and the text "Fiori Design Guidelines". Below the header, there's a large banner with the title "SAP Fiori Design Guidelines" and a subtext: "Bring great user experiences to enterprise applications on any device." To the right of the banner is a screenshot of a mobile application interface with various buttons and a user profile. Below the banner, there are sections for "Design Principles" and "Role-based". The "Design Principles" section includes a paragraph about simplifying business processes through user roles. The "Role-based" section has a placeholder text: "Designed for you, your needs, and how yo". On the right side of the main content area, there's a sidebar with a search bar, a date indicator "Updated: December 7, 2023", and a dropdown menu "Latest SAPUI5 Version 1.120".

Fiori for Web Design Guidelines

Designing Intelligent Systems > Overview

Updated: December 7, 2023

Latest SAPUI5 Version 1.120

Designing Intelligent Systems

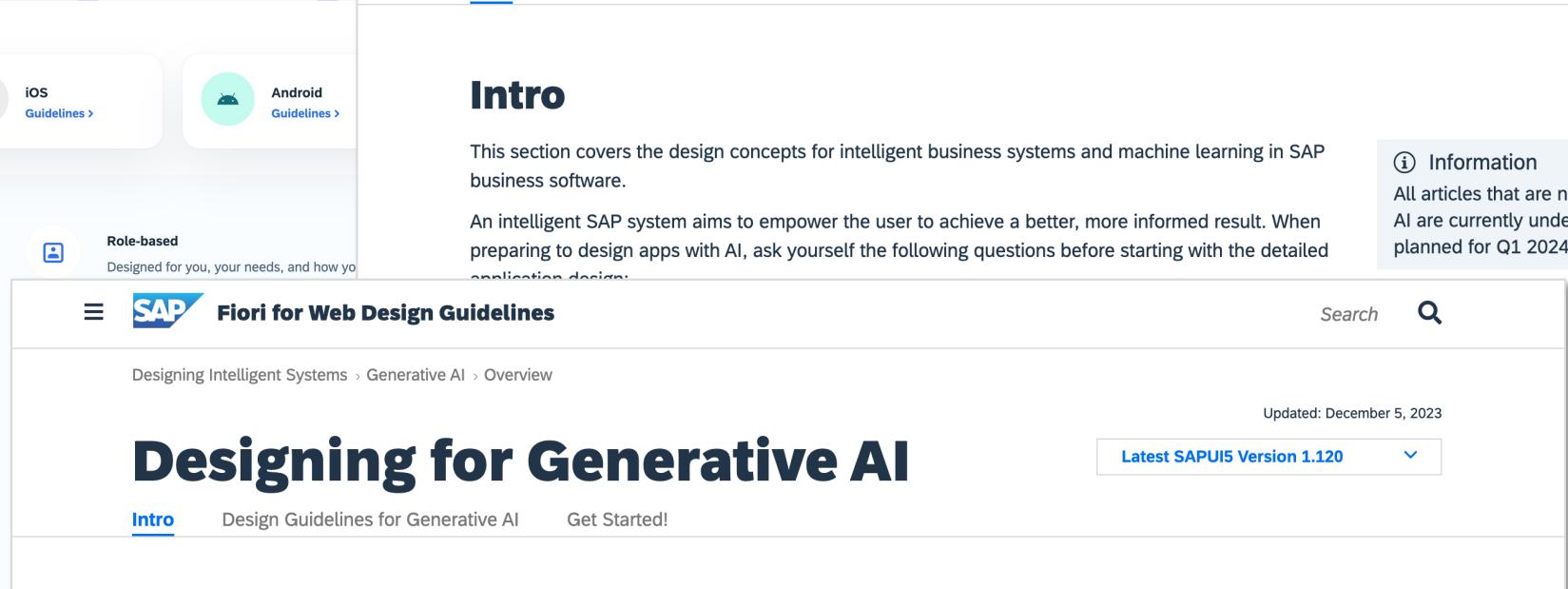
Intro Design Principles for AI User Involvement Intelligence Patterns Related Links

Intro

This section covers the design concepts for intelligent business systems and machine learning in SAP business software.

An intelligent SAP system aims to empower the user to achieve a better, more informed result. When preparing to design apps with AI, ask yourself the following questions before starting with the detailed application design:

Information
All articles that are not specific to generative AI are currently under review. Updates are planned for Q1 2024.



The screenshot shows the "Designing for Generative AI" section of the SAP Fiori Design Guidelines. The header includes the SAP logo and the text "Fiori for Web Design Guidelines". Below the header, there's a breadcrumb navigation: "Designing Intelligent Systems > Generative AI > Overview". To the right of the breadcrumb is a search bar, a date indicator "Updated: December 5, 2023", and a dropdown menu "Latest SAPUI5 Version 1.120".

Designing for Generative AI

Intro Design Guidelines for Generative AI Get Started!

Intro

Generative AI and other emerging AI capabilities will have a significant impact on global businesses and society in the upcoming years. SAP has responded to the opportunities and risks of this huge technological innovation with a [clear strategy for SAP Business AI](#). We've made it a priority to add business value by embedding relevant, reliable, and responsible AI across our entire portfolio.

Information
We are releasing this early version of our generative AI design guidelines to share our discoveries early on with our broader SAP and UX community. The design guidelines in

Recommendations via generative AI

The screenshot shows the BestRun software interface for managing job requisitions. The top navigation bar includes 'Job Requisitions', 'Sources', 'Preferences', 'Candidates', and 'Interview Central'. A search bar at the top right allows users to 'Search for actions or people'. A notification icon with the number '7' is visible.

The main content area displays a job requisition for an 'AI Project Manager (5497)'. On the left, there are sections for 'Role: Project Manager', 'Summary', 'Missions', 'Requirements', and 'Benefits'. The 'Requirements' section lists several bullet points, including a Bachelor's degree, X+ years of experience, strong organizational skills, excellent communication, and proficiency in project management tools.

A modal window titled 'Enhance using AI' is open over the job requisition details. It contains a 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.' Below this message, there are two tabs: 'Current' and 'Generated'. The 'Generated' tab is selected, showing updated content for the 'Summary' and 'Missions' sections. The updated 'Summary' text reads: '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 updated 'Missions' section lists four bullet points: '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', and 'Bachelor's degree in a relevant field; PMP certification preferred'.

At the bottom of the modal, there are 'Accept' and 'Discard' buttons.

Example

Job description generation

Joule – your digital assistant

The screenshot shows the SAP Joule digital assistant integrated into a SAP application. At the top, there's a header with the SAP logo, a search bar, and a location indicator. A purple AI assistant overlay is prominently displayed on the right, featuring a diamond icon with stars and the text "Hello Philipp, How can I assist you?". Below the overlay, there are several cards for "To Dos" and "Insights".

- To Dos:**
 - Procurement Purchase Requisition by Kevin Hudemann (1 week ago) - Status: Replacement Laptop, 2,450.00 EUR. Actions: Approve, Deny.
 - Expense Report Approval by Stephan Aßmus (1 week ago) - Status: Travel to Munich, 843.37 EUR. Actions: Approve, Send Back.
 - Time Off Requests by Carmen Rannefeld (1 week ago) - Status: Vacation Jul 26 – 28, 2023, 3 days. Actions: Approve, Decline.
- Insights:**
 - Incoming Sales Orders (By Month | EUR): 289.1 K (Target: 266.1K, Deviation: 8.6%).
 - Open Purchase Orders: 4500000045 (In Approval), 4500000033.

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.

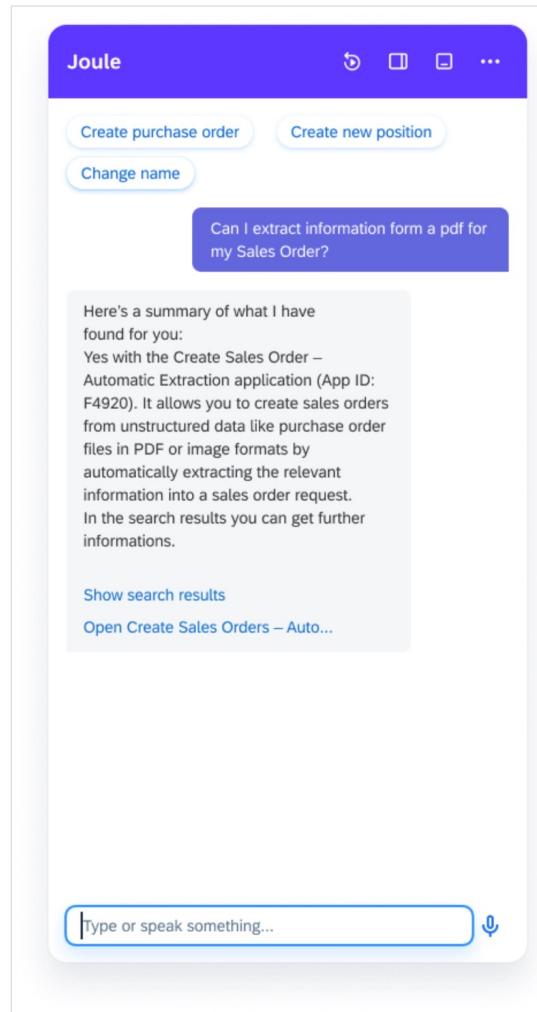
Available for business users and also for developers!

Planned Innovation

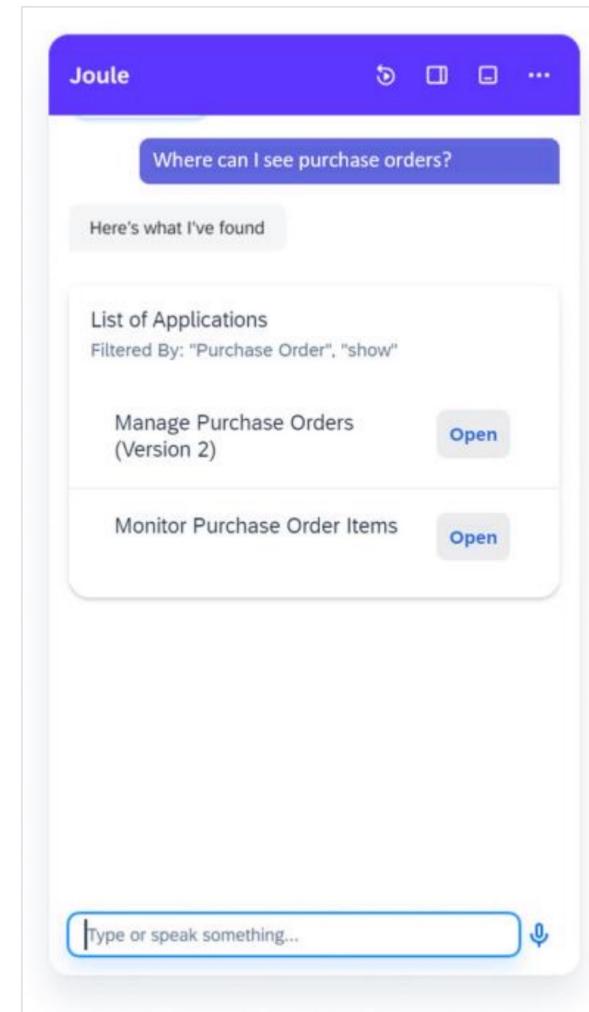
This is the current state of planning and may be changed by SAP at any time without notice.

Joule interaction patterns for SAP S/4HANA Cloud

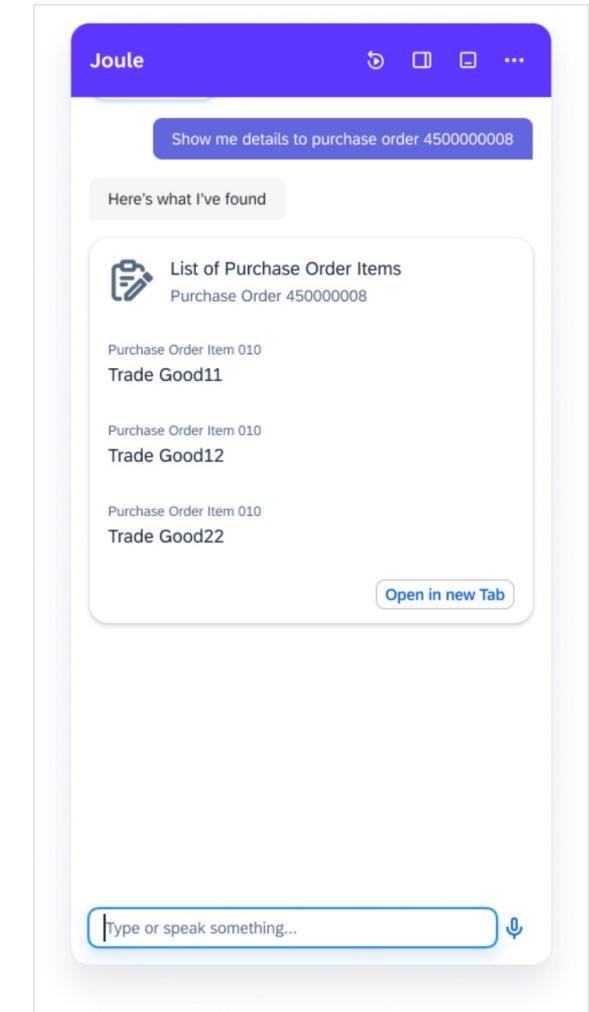
[Register for participation in Early Adopter Care program](#)



Informational

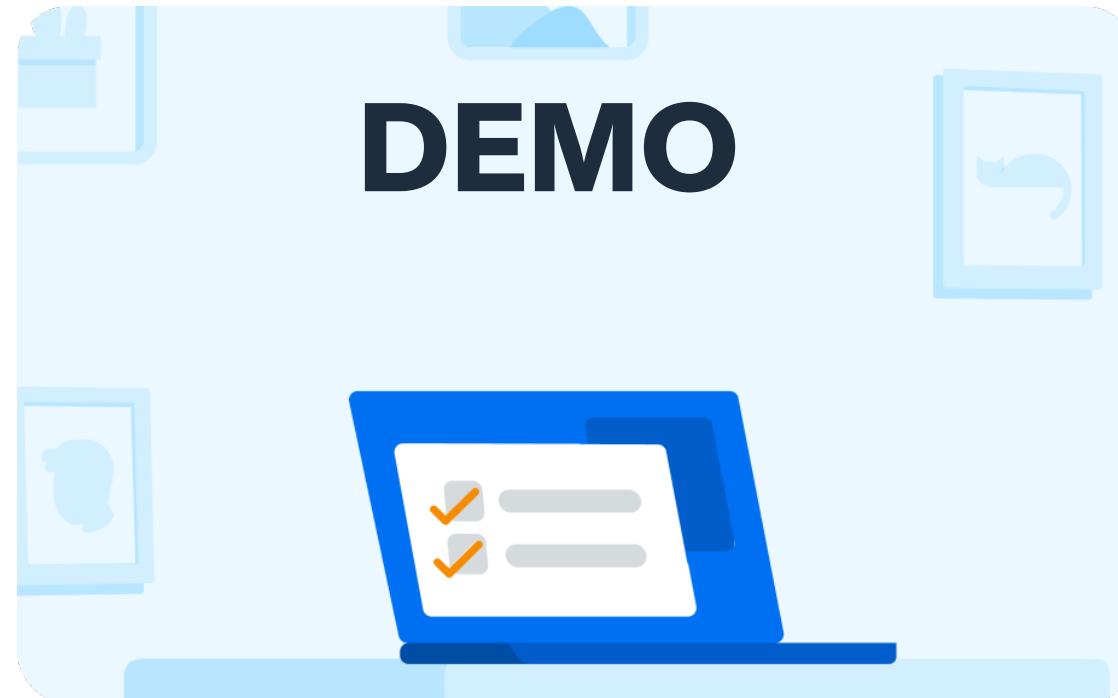


Navigational



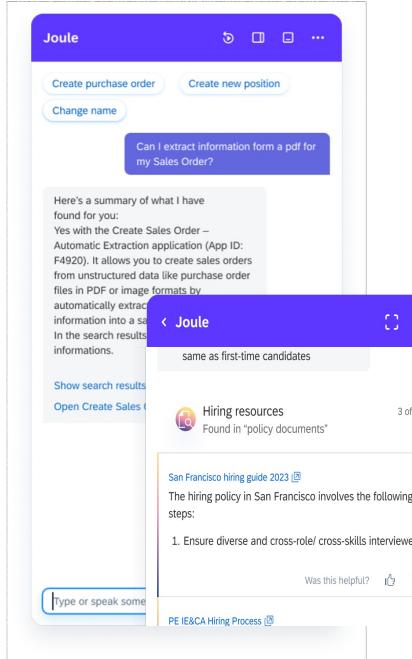
Transactional

Preview Demo: Joule in SAP S/4HANA Cloud



[Demo video](#)

Joule Road Map 2024



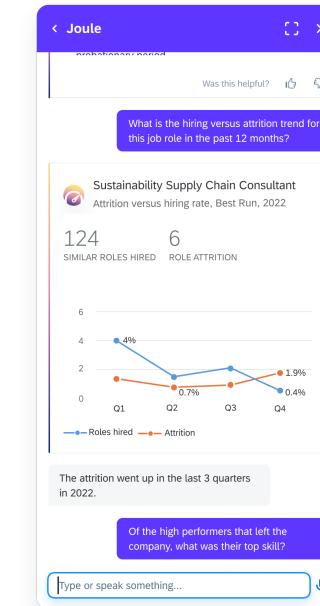
Informational Pattern for customer documents

Summarized answers on uploaded documents, via RAGe

*RAGe = Retrieval Augmented Generation for enterprise

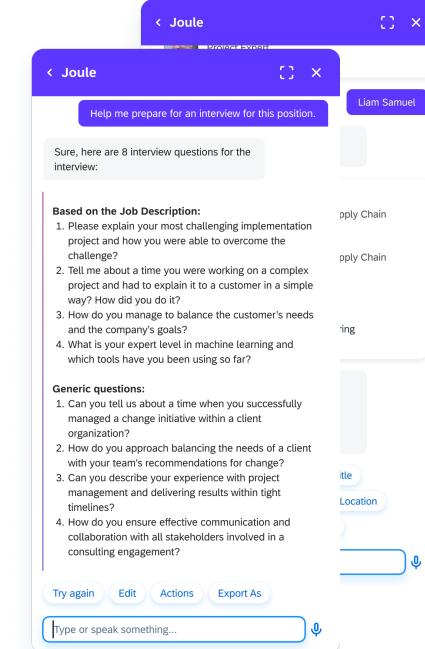
Public

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



Transactional Pattern for Analytics

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



Transactional Pattern enhancements

Enhanced interactions on business data

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

The screenshot shows the SAP Fiori Payment Advice application interface. At the top, it displays the date '20240126102945' and a status 'Draft'. There are two circular icons: one yellow labeled 'EA' and one blue labeled 'ET'. Below this, the company code '1010 (Company Code 1010)' and customer/supplier information '10100001 (Inlandskunde DE 1)' are shown. The payment amount is listed as '944,940.00 EUR'. The main section is titled 'General Information' and contains fields for Company Code, Customer, Payment Date, Payment Ref., Subledger, Payment Amount, Payment Advice Type, and Extracted Cus. A tooltip indicates that 'Example ArAccountant is currently editing the field.' In the bottom section, a table titled 'Payment Advice Items (159)' shows five rows of data with columns for Payment Adv., Reference, Document Date, Payment Amount, and Journal Entry.

Jointly
edit
business
objects

Invite
colleagues

The dialog box is titled 'Invite Users to Payment Advice 20240126102945'. It contains a message stating that every authorized user can access and edit the draft, and an option to invite others. A search bar 'Search User' is present. A table lists users with their status: 'Example ArAccountant (You)' is 'Currently Editing', and 'Tester Scube' is 'Not Invited Yet'. Buttons for 'Invite' and 'Cancel' are at the bottom.

In lists,
see drafts,
and who else
is editing

A callout box titled 'Unsaved Changes' points to a row in a table. The box contains text stating 'This object has unsaved changes by DERAJE.' and 'Last changed on 09.01.2024, 15:35:02'. The table row includes icons for edit, delete, and refresh, and the text 'Pink Panther (70004)'.

Embedded collaboration: SAP Collaboration Manager

The screenshot shows the SAP Collaboration Manager interface. At the top, there's a navigation bar with links for Home, Purchasing, Sourcing and Contracting, Internal Sales, Billing, and Customer Returns. Below this, the main area is divided into several sections:

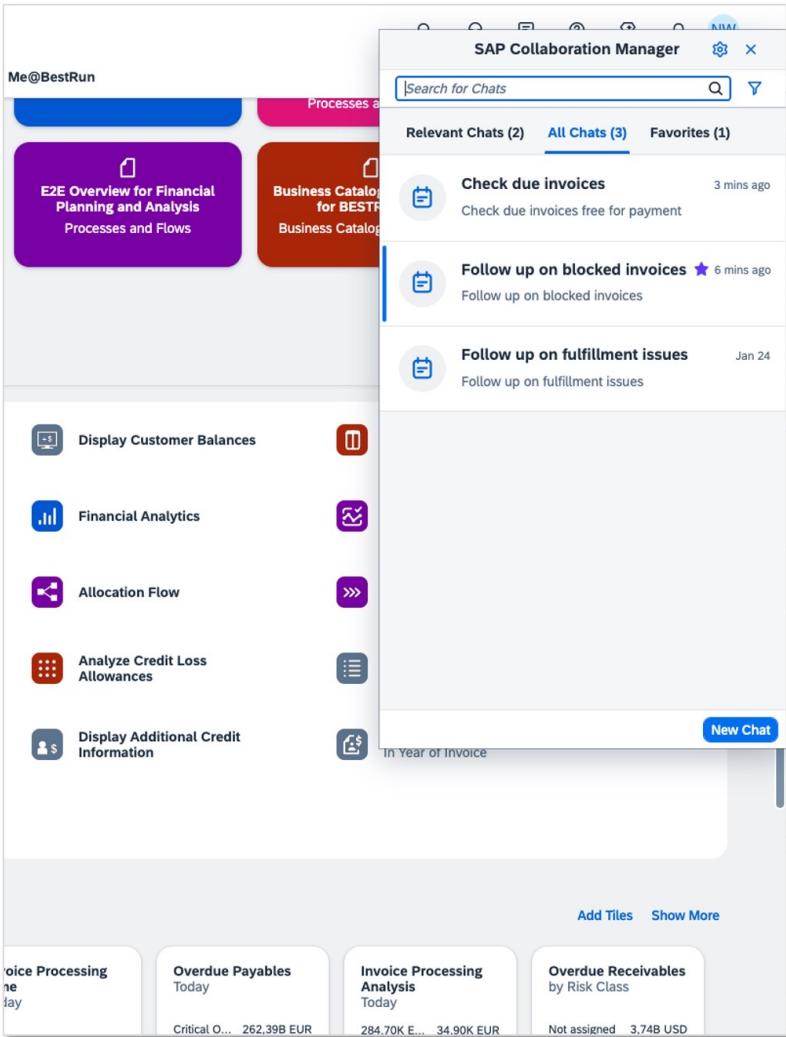
- To Dos (1)**: A box for "Approve Purchase Order 4500000092" marked as "Medium Priority" and created by "Example TesterSit". It was created 2 months ago.
- Pages**: Buttons for Overview (Purchasing), Purchase Requisition Processing (Purchasing), Purchase Order Processing (Purchasing), Supplier Evaluation (Purchasing), and Purchasing Rebates (Purchasing).
- Apps and Activities**: Sections for Favorites, Recent Activities, and Frequently Used. It includes links for Manage Sales Orders (Version 2) and My Sales Overview.
- Insights (8)**: Four cards: Supplier Performance Monitoring (Supplier Evaluation Trend), Supplier Performance Monitoring (Supplier Performance Monitoring), Purchasing Spend (Purchasing Spend Trend), and Non-Managed Spend (As % of total spend | By Material Group). The Non-Managed Spend card shows a chart with "Not assigned" at 100% and "2.9K EUR".

A large, semi-transparent modal window titled "Help for PO Approv..." is open in the center-right. It shows a screenshot of a purchase order screen with a message from "internal_sales_rep example.com" inviting "purchaser example.com" to the chat. The chat history includes messages from "purchaser example.com" asking if they can approve straight away, and a response from "Hi Isabel, for sure. Please go ahead!" followed by a reply from "Excellent! Will do so. Thanks a lot for your help :)".

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

The screenshot shows the SAP Collaboration Manager interface. At the top, there's a search bar labeled "Search for Chats". Below it, a sidebar lists "Relevant Chats (2)", "All Chats (3)" (which is selected), and "Favorites (1)". The "All Chats" section contains three items: "Check due invoices" (3 mins ago), "Follow up on blocked invoices" (6 mins ago), and "Follow up on fulfillment issues" (Jan 24). The main area displays several process tiles: "E2E Overview for Financial Planning and Analysis", "Business Catalog for BESTRun", "Display Customer Balances", "Financial Analytics", "Allocation Flow", "Analyze Credit Loss Allowances", "Display Additional Credit Information", and "Invoice Processing Analysis Today". At the bottom, there are four cards: "Invoice Processing Analysis Today", "Overdue Payables Today", "Invoice Processing Analysis Today", and "Overdue Receivables by Risk Class".

This screenshot shows a detailed view of a chat titled "Check due invoices" from "Me@BestRun" at "Today 7:28PM". The chat content includes "Check due invoices free for payment" and "Due Invoices Free for Payment Total | EUR 188.80 As of Today". Below the chat, there's a bar chart titled "Amount in DC by Days in Arrears" with the following data:

Days in Arrears	Amount in DC
Due Today	0.00
1 - 30	40B
31 - 60	10B
61 - 90	30B
> 90	100B

At the bottom, there's a note input field with "Type a note..." and a "Display Additional Credit Information" tile.

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

- Favorites
- Set chats to unread
- Add insight cards

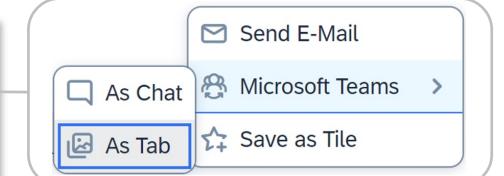
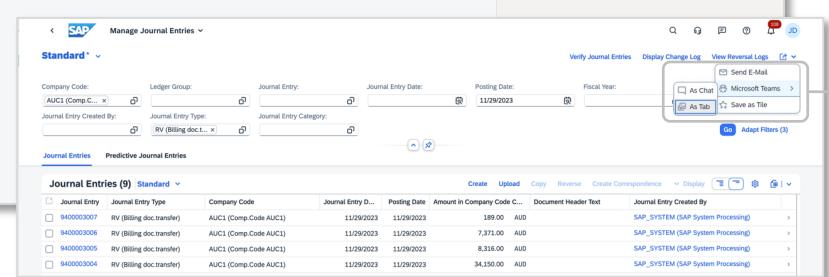
Collaboration via Microsoft Teams

The screenshot shows a Microsoft Teams channel named "Demo Channel" with a tab for "Tom Demo Channel". Inside the tab, the SAP Manage Journal Entries application is embedded. The SAP interface displays journal entries for company code AUC1. A message bubble on the right says "Go ahead and start talking! Whatever you post here will also show up in the main channel. 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

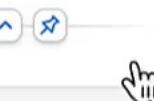


AUC1 October 31st ▾

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

Company Code:	Ledger Group:	Journal Entry:	Journal Entry Date:	Posting Date:	Fiscal Year:	Fiscal Period:	Journal Entry Created By:
AUC1 (Comp... x)				10/31/2023	=2023 x	=10 x	
Journal Entry Type:	Journal Entry Category:						
RV (Billing doc... x)	(Normal docu... x)						

Go **Adapt Filters (6)**

[Journal Entries](#) [Predictive Journal Entries](#)

Journal Entries (9) Standard ▾								
<input type="checkbox"/>	Journal Entry	Journal Entry Type	Company Code	Journal Entry D...	Posting Date	Amount in Company Code C...	Document Header Text	Journal Entry Created By
<input type="checkbox"/>	9400002780	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	16.254,00	AUD	SAP_SYSTEM (SAP System Processing) >
<input type="checkbox"/>	9400002779	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	20.412,00	AUD	SAP_SYSTEM (SAP System Processing) >
<input type="checkbox"/>	9400002778	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	7.560,00	AUD	SAP_SYSTEM (SAP System Processing) >
<input type="checkbox"/>	9400002777	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	13.660,00	AUD	SAP_SYSTEM (SAP System Processing) >
<input type="checkbox"/>	9400002776	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	191.240,00	AUD	SAP_SYSTEM (SAP System Processing) >
<input type="checkbox"/>	9400002775	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	27.320,00	AUD	SAP_SYSTEM (SAP System Processing) >
<input type="checkbox"/>	9400002774	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	180.387,00	AUD	SAP_SYSTEM (SAP System Processing) >
<input type="checkbox"/>	9400002773	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	8.253,00	AUD	SAP_SYSTEM (SAP System Processing) >
<input type="checkbox"/>	9400002772	RV (Billing doc.transfer)	AUC1 (Comp.Code AUC1)	10/31/2023	10/31/2023	23.580,00	AUD	SAP_SYSTEM (SAP System Processing) >

Collaboration with embedded generative AI

The screenshot shows a Microsoft Teams interface. On the left is the sidebar with icons for Activity, Chat (selected), Teams, Calendar, Calls, Files, and Apps. The main area is a chat window with the title "SAP SuccessFactors". The message history shows a message from "SAP SuccessFactors" at 2:01 PM: "Generating interview questions using AI. Please wait...". Below it is a message from "R, Shreelakshmi" at 9:25 AM: "please book interview for candidate Ale... External". The main content area displays "Suggested Questions" for an interview with "Jada Baker" for the position of "AI Project Manager". The questions are:

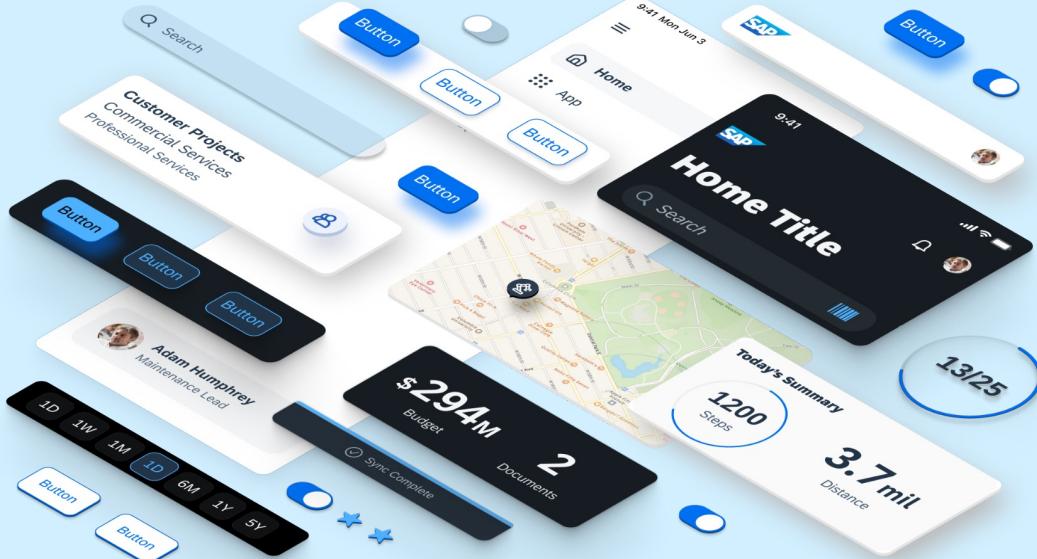
1. Can you provide an example of an artificial intelligence project that you have managed from initiation to closure?
2. How do you collaborate with cross-functional teams to define project objectives, deliverables, and timelines?
3. Can you describe your approach to planning, executing, and monitoring projects to ensure their success?
4. How do you identify and manage project risks and issues? Can you give an example?
5. How do you engage stakeholders and maintain effective communication throughout the project lifecycle?
6. Tell us about your experience with project management best practices and methodologies.
7. What is your experience with project management tools and methodologies? Can you provide examples?
8. Have you worked on any artificial intelligence projects or technologies? If so, can you explain your role and responsibilities?
9. How do you stay organized and prioritize tasks when working on multiple projects?
10. How do you ensure adherence to deadlines and deliver high-quality work?

At the bottom, a note says "Generated based on Job Description using AI". A "Type a new message" input field is at the bottom.

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!

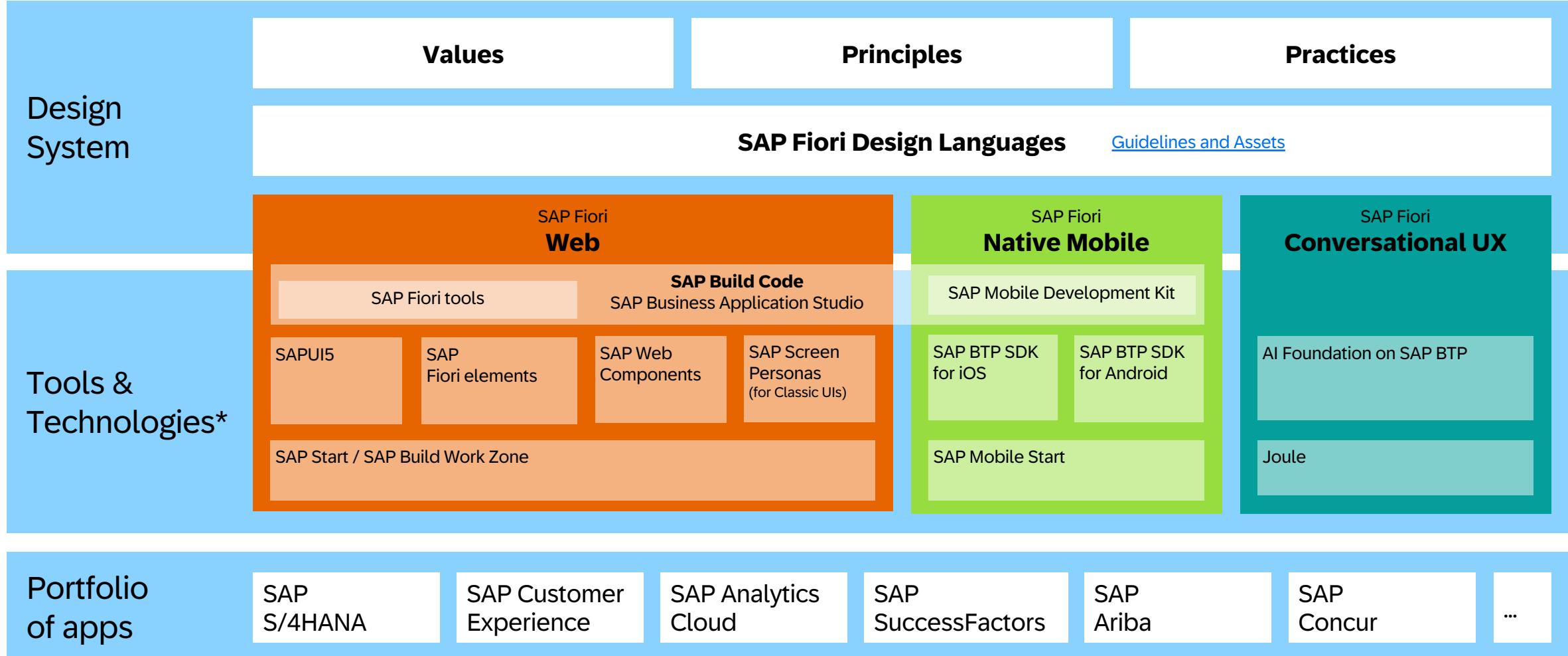


Easy to use and **enjoyable**, helping users work **better**, **together**

This is just today...

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

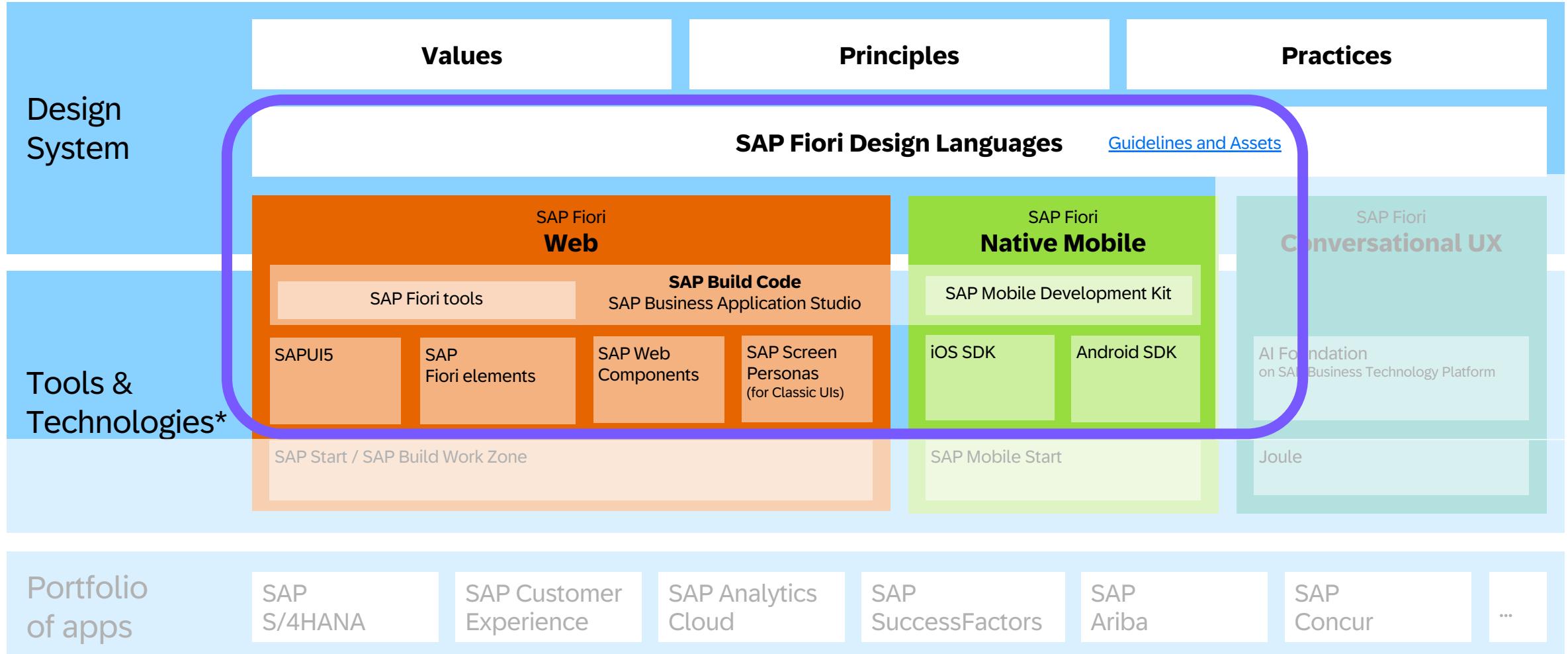
SAP Fiori big picture



*These are the main tools and technologies for custom development of SAP Fiori apps (web and native mobile).

SAP BTP = SAP Business Technology Platform

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



*These are the main tools and technologies for custom development of SAP Fiori apps (web and native mobile)

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

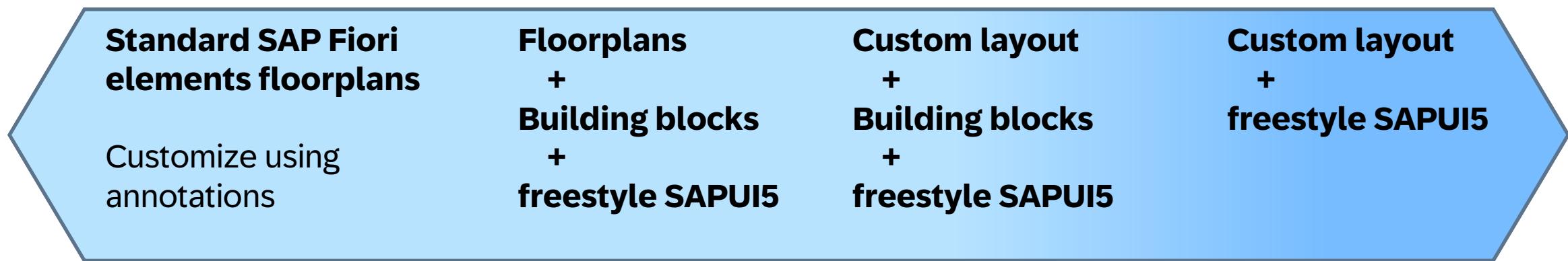
- Allow complete customization of your app
- Shift more maintenance of the app to the dev team

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



Efficiency ← → **Flexibility**

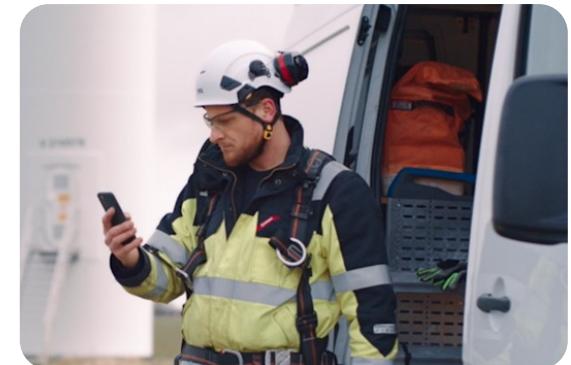
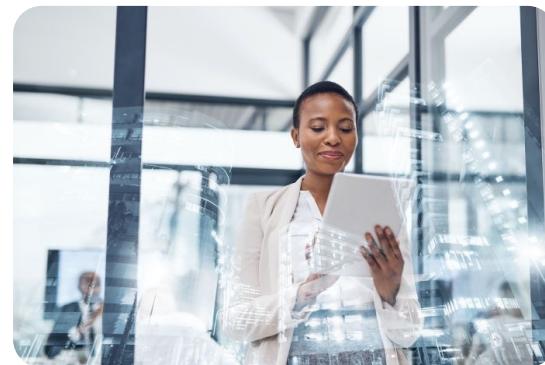
SAP Fiori elements

Metadata-driven
SAPUI5 development
using annotations

Freestyle SAPUI5

JavaScript framework
and UI library

People are increasingly mobile

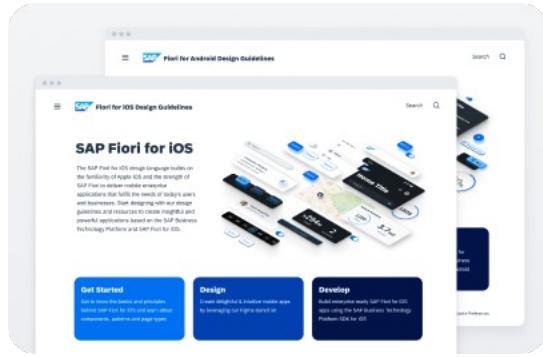


A hybrid workforce is the future.

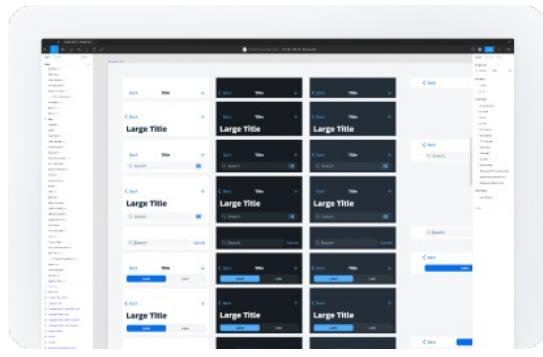
**Using both remote and on-site parts of the same solution
to maximize effectiveness.**

Mobile design system – with Horizon

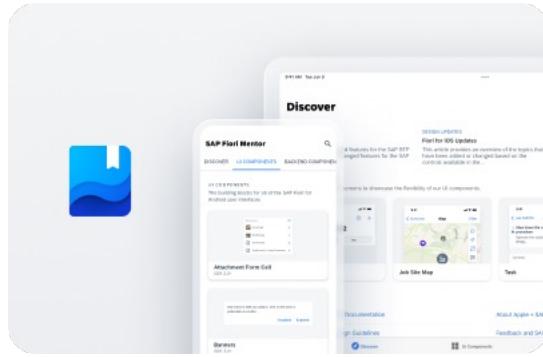
End to end: Design to technology



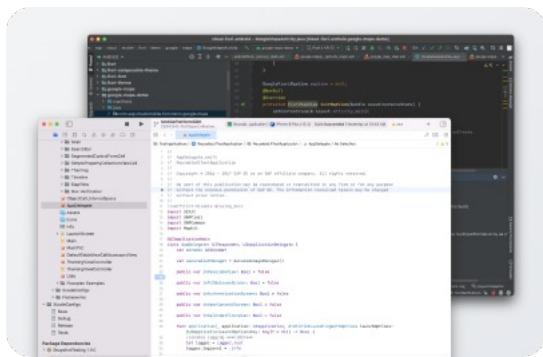
Design
guidelines
[Android](#) [iOS](#)



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



SAP Fiori Mentor mobile
app for iOS and Android
[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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