



# SAP GUI and SAP Business Client Today and Tomorrow

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PUBLIC

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# Agenda

SAP Fiori and the S/4HANA UX Strategy

The UI Technologies

SAP Business Client as your Central Entry Point

- Introduction
- S/4HANA Client Options
- News & Outlook
- SAP Fiori Further Integration
- Further Reading & Customer Care Program

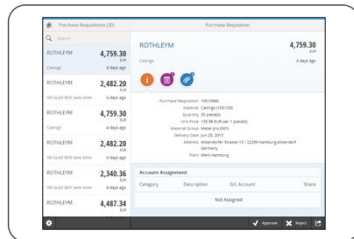
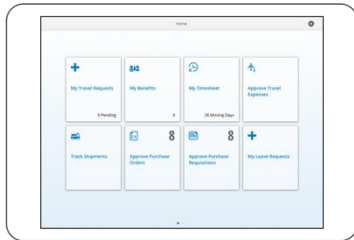


# SAP Fiori and the S/4HANA UX Strategy



# SAP Fiori 3 the latest evolution

**Casual users**  
Self-service apps



2013

**SAP Fiori**

**Power user**  
The new face of S/4HANA

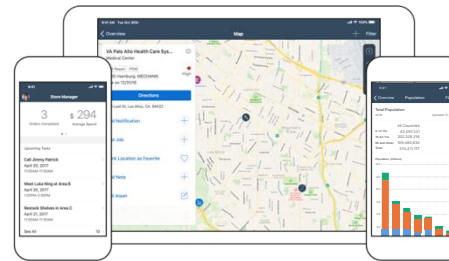


Design principles

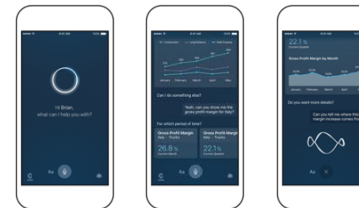
2016

**SAP Fiori 2.0**

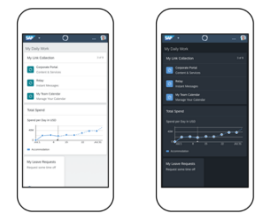
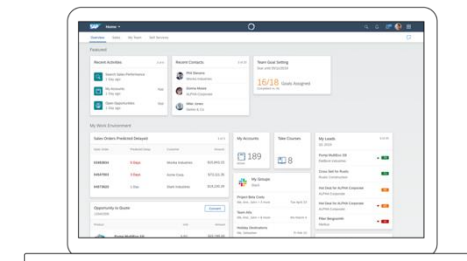
**Native mobile**  
for iOS & Android



**Conversational**



**Next steps of the Fiori evolution**  
Fiori Design System

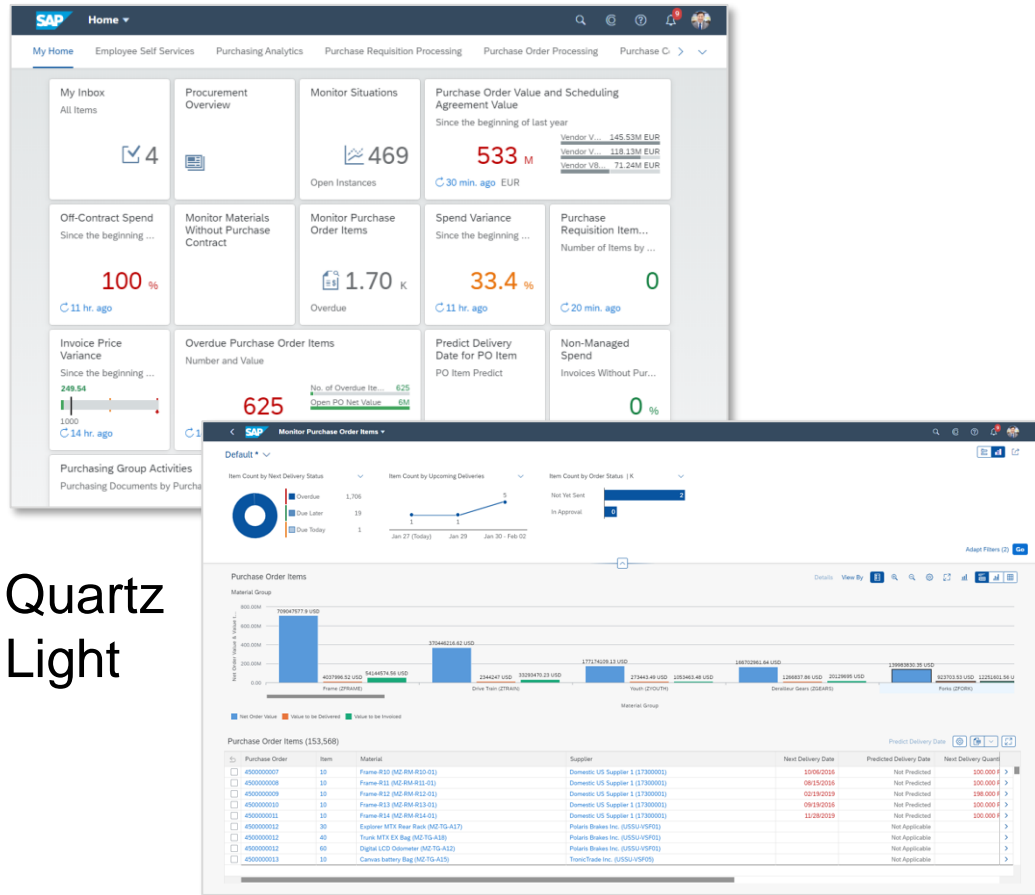


**Consistent  
Intelligent  
Integrated**

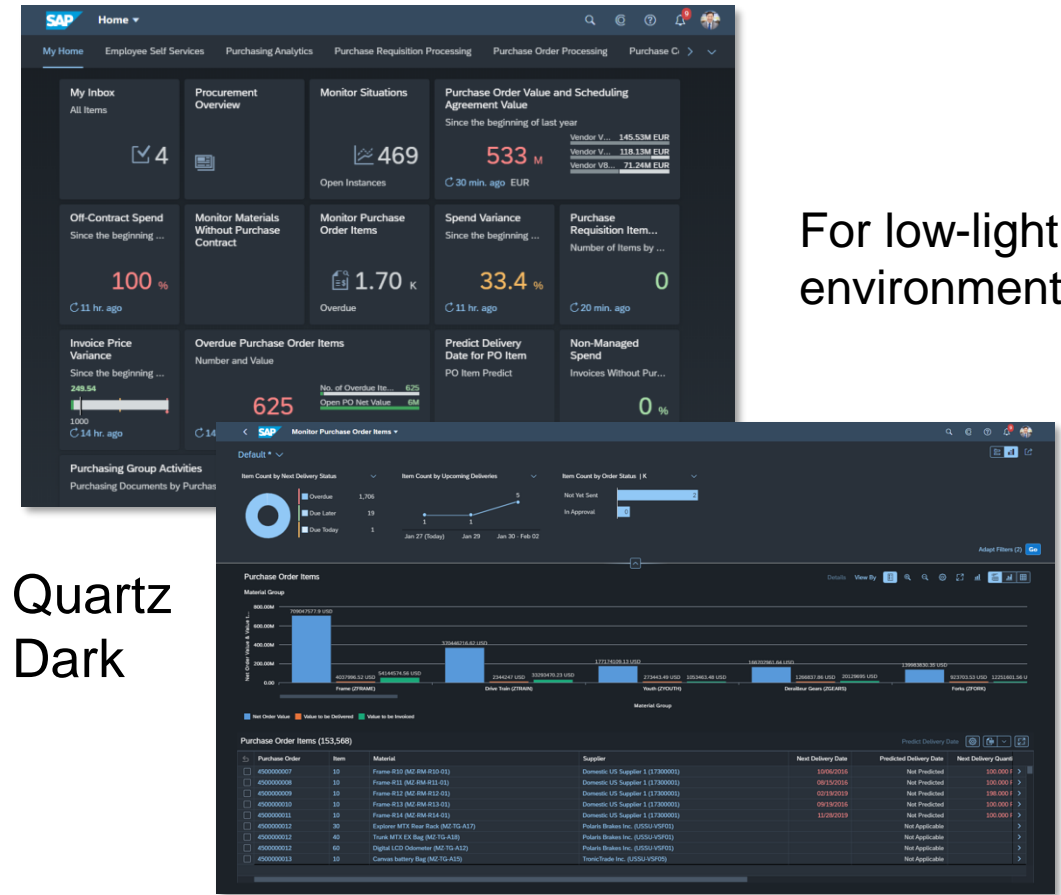
2019+

**SAP Fiori 3**

# SAP Fiori 3 visual design: themes



Quartz  
Light



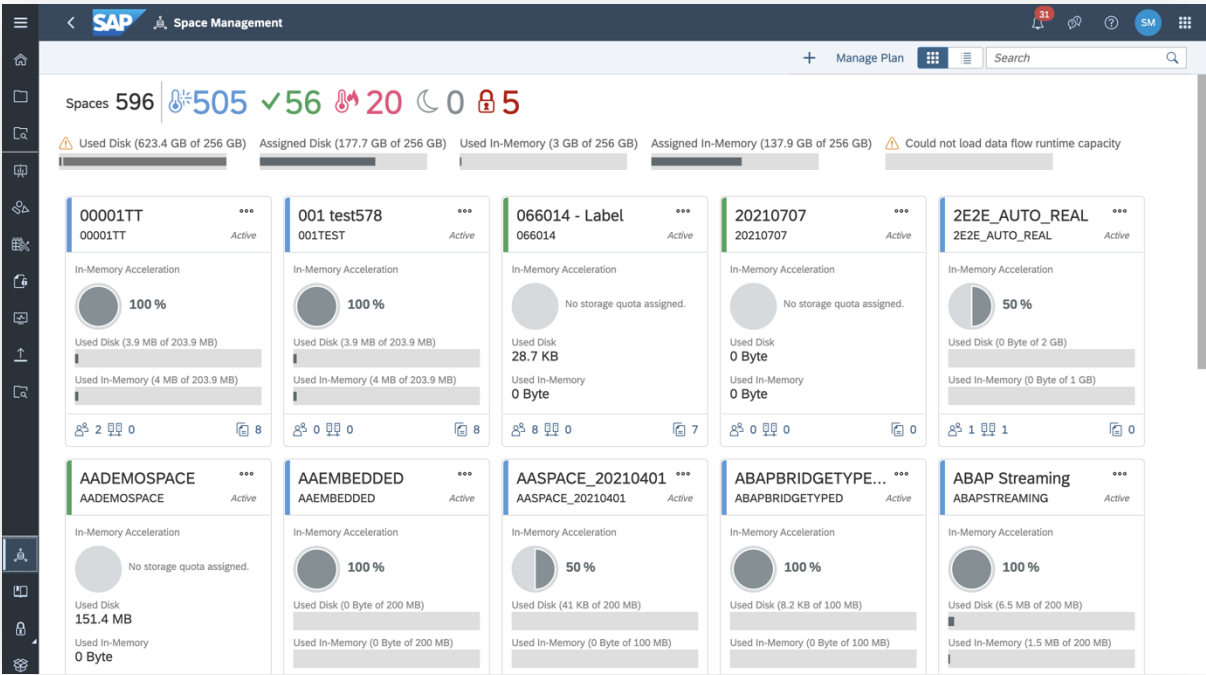
Quartz  
Dark

For low-light  
environments

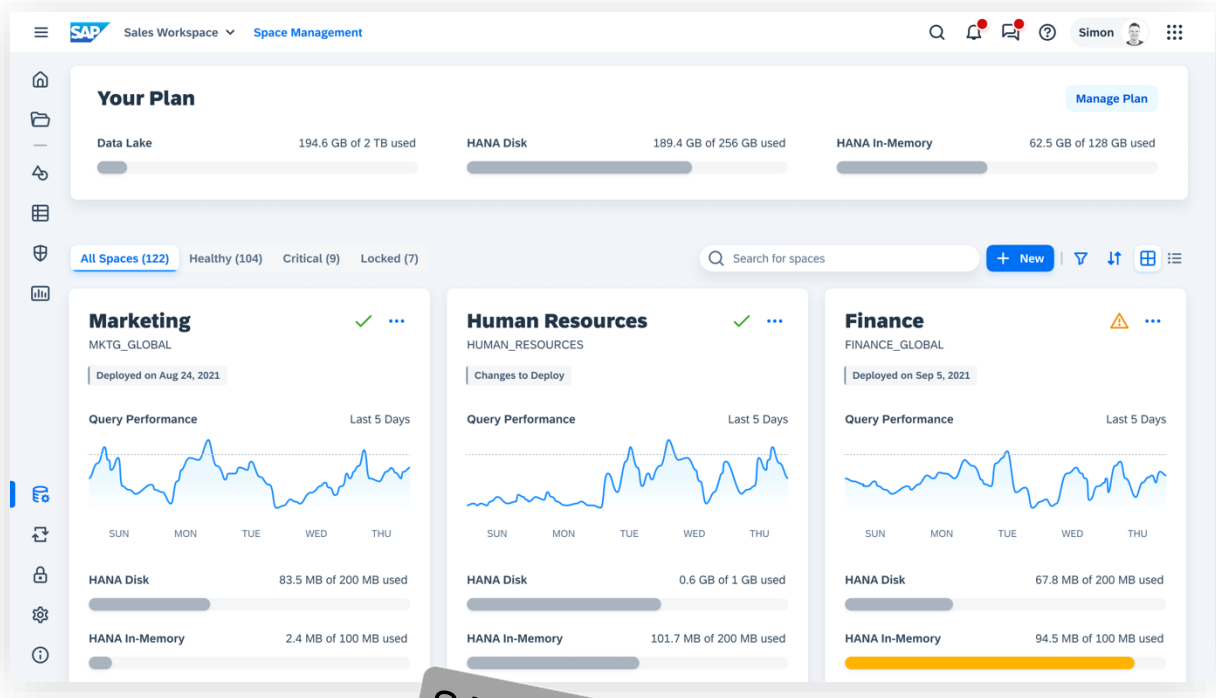
Starting with SAP S/4HANA Cloud 2002

Also available for accessibility: high contrast light and dark themes

Before



After



SAP Labs preview

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

# THE S/4HANA STRATEGY CHANGED

SAP S/4HANA  
**Public Cloud**

SAP S/4HANA  
**Private Cloud**

SAP S/4HANA  
**On-Premise**



ONE USER EXPERIENCE  
FOR SAP S/4HANA



# HOW OUR END USERS PERCEIVE THE UX OF SAP S/4HANA



End users do not recognize a difference in UI technologies, instead they care and recognize about differences in efficiency, intuitiveness, effectiveness and innovation.



End users chose the UIs which work best for them.



End users rely on features they have had in the past and expect them for new applications (e.g., SAPGUI vs. Web-based applications)



# SAP Fiori UX is the **go-to user interface** of SAP S/4HANA

Customers who **don't implement SAP Fiori UX** or **continue to use SAP GUI as their primary UI** will have only a limited benefit from the **innovations** in SAP S/4HANA.

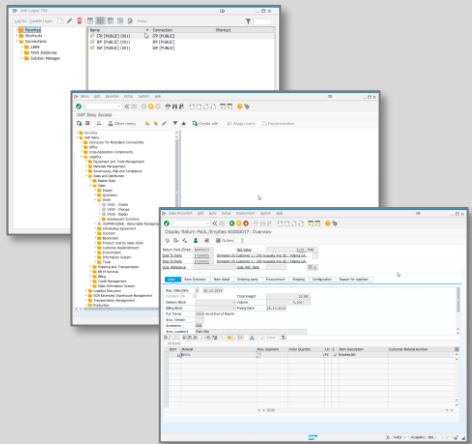
**Selectively implementing** only some individual SAP Fiori apps not only **breaks the user experience**, but also results in **higher implementation costs . . .** SAP Fiori apps are not designed to be used individually.

# User experience for SAP S/4HANA

## Implementing **SAP Fiori apps** vs. **SAP Fiori as the UX for SAP S/4HANA**



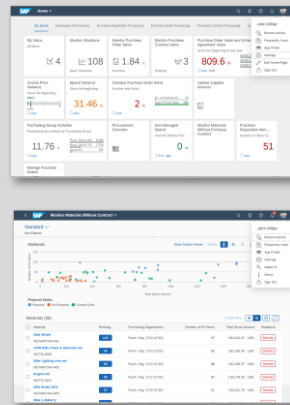
**SAP logon**



“SAP GUI world”

**&**

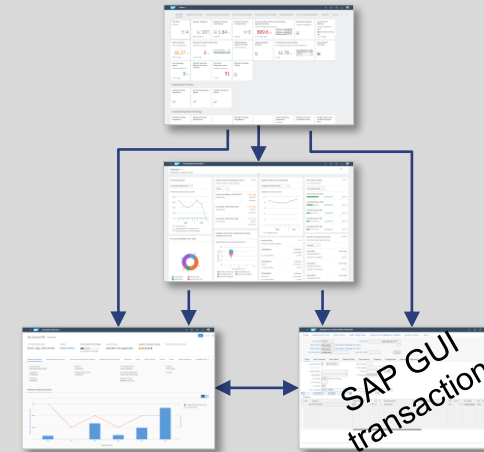
**Browser**



“SAP Fiori apps-only”



**Browser or SAP Business Client**



**SAP Fiori as UX for SAP S/4HANA**

Implementing SAP Fiori apps side by side leads to two entry points for end users

Single access point to full scope of SAP S/4HANA

# The UI Technologies



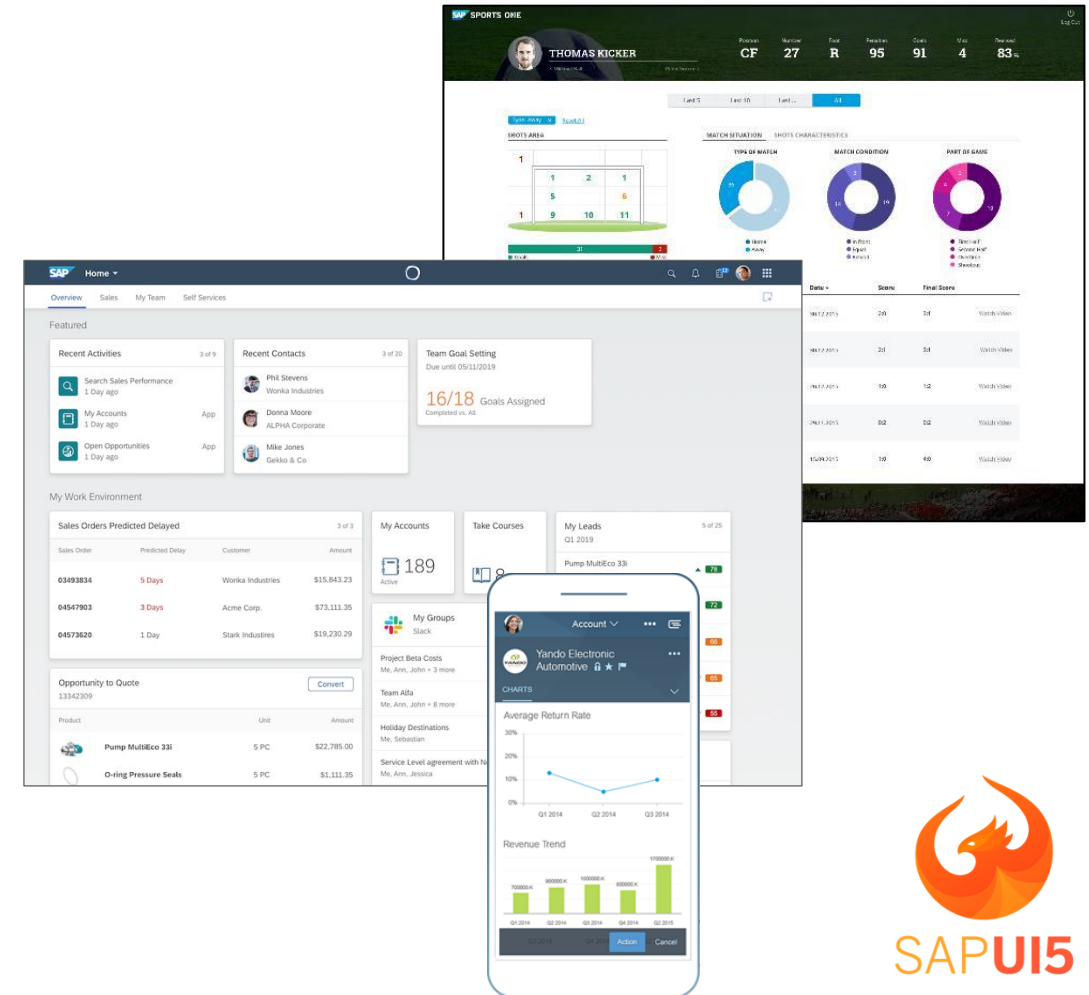
# Building Modern Web Applications with SAPUI5

SAPUI5 is an HTML5 framework for creating cross-platform, enterprise-grade applications

As the reference UI technology for the SAP Fiori user experience, SAPUI5 provides:

- A consistent SAP Fiori user experience across SAP solutions (and beyond)
- Efficient development for Web applications
- Easy integration into SAP's single point of entry
- Enterprise qualities like accessibility
- Generic adaptation capabilities for UI flexibility

[Video: What is SAPUI5?](#)





# Web Dynpro for ABAP & Floorplan Manager

## Visual improvements of the GUI floorplan

- 72 monospace font

## Content snag (Ctrl+Y) in classic UI tables

- Arbitrary content in tables can be selected and copied to clipboard via Ctrl+C

## New theme “Horizon”

## PDF Export

- Fit to page – Font size adapted to fit all columns to a single page
- Compression for accessible documents

## Support of Access Keys automatically enabled

- First letter underlined => alt+<letter> sets focus to this control

U1Y Flight overview

View: \* [Standard View] Display As: Table Print Version Export

ID	No.	Depart.Date	Airfare	Curr.	ICON	Plane	Occupied economy class	Dist.	Distance in
NG	1	13.06.2001	4.441,48	ATS	○	737-200	84	937	MI
NG	6	11.06.2001	4.239,01	ATS	○	A321	103	3.125	MI
NG	12	09.06.2001	8.927,41	ATS	▲	727-200	171	1.625	MI
NG	1	07.02.2001	3.751,11	ATS	○	737-200	29	937	MI
NG	6	05.02.2001	1.339,26	ATS	○	A321	193	3.125	MI
NG	12	03.02.2001	3.168,40	ATS	○	727-200	189	1.625	MI
NG	1	17.10.2001	983,70	ATS	○	737-200	48	937	MI
NG	6	15.10.2001	2.550,12	ATS	○	A321	102	3.125	MI
NG	12	13.10.2001	2.864,20	ATS	○	727-200	93	1.625	MI
QF	5	01.06.2001	9.831,11	AUD	▲	FOKKER 70	52	10.000	KM
QF	6	30.05.2001	4.298,27	AUD	○	L-100-30	62	10.000	KM
QF	5	26.01.2001	7.684,94	AUD	▲	FOKKER 70	17	10.000	KM
QF	6	24.01.2001	7.858,77	AUD	▲	L-100-30	15	10.000	KM
QF	5	05.10.2001	3.041,98	AUD	○	FOKKER 70	54	10.000	KM
QF	6	03.10.2001	134,32	AUD	○	L-100-30	10	10.000	KM

SAP Search: Sales Orders

Standard

Restrict Results

Sales Order ID: Buyer ID: Buyer Name: Employee ID:

Adapt Filters (0)

Items (0 Sales Orders)

New

Sales Order ID	Buyer ID	Buyer Name	Gross Amount	Currency	Lifecycle Status
No data available					

Revenue Distribution

Most Frequent Buyers

No data available

# Dynpro-based front-end technologies – SAP GUI family

## Description

SAP GUI is SAP's universal client for accessing Dynpro-based SAP applications ("transactions"). The SAP GUI family consists of SAP GUI for Windows, SAP GUI for Java, and SAP GUI for HTML. All three SAP GUIs have unique attributes that make them especially suited for different user environments.

### Key capabilities

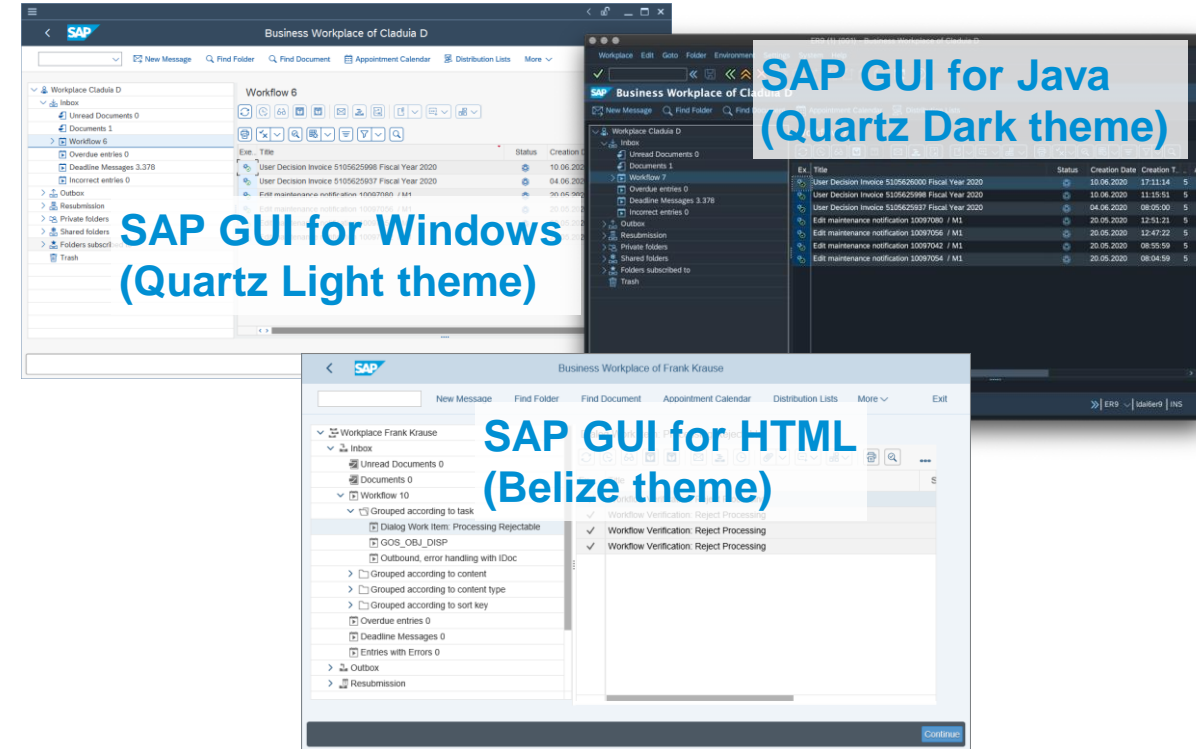
- Graphical user interfaces for all SAP applications based on Dynpro technology
- Separation of user interface and application logic
- Support for various environments (WTS, virtualization, browser, and so on) and operating systems

### Benefits

- High performance and user interactivity
- Fully compatible with all supported SAP NetWeaver releases
- Seamless integration into nearly all SAP environments
- Advanced personalization through SAP Screen Personas 3.0

### Note

- The SAP GUI family is and will be maintained according to SAP's support-level agreements. It will continuously receive focused new investments.
- Continuing to use applications based on SAP GUI or adding enhancements to existing applications is absolutely safe.
- Following SAP's UX strategy, SAP GUI is not a key UI technology to build completely new applications; here SAP recommends using SAPUI5.



# SAP GUI for HTML

New with SAP Kernel 7.85 (S/4HANA 2021 and DCK to S/4HANA 2020)

- Content snag (Ctrl+Y) for ABAP list via Lasso Selection ([Note 3164701](#))
- Content snag (Ctrl+Y) for ALV grids ([Note 3164952](#))
- Unified search help aligned with Fiori design
- Support for Access Keys ([Note 3059358](#))

Visual improvements of the GUI floorplan

- 72 monospace font
- Flipped background color
- Improved colors and style in ALV grid

Control Conversion for SAP Screen Personas

- Text fields and search help fields can be converted to a dropdown list or a label

Content Security Policy

- CSP Level 3 Support

New Theme “Horizon”

Icon	Name of Icon	Comment	Length	Printable
^	ICON_NEXT_VALUE	Next value; previous entry	2	✓
v	ICON_PREVIOUS_VALUE	Previous value; next entry	2	✓
⌂	ICON_EXECUTE_OBJECT	Execute <object>	2	✓
🔍	ICON_SELECT_DETAIL	Choose <detail>; Detail	2	✓
🖨	ICON_PRINT	Print		
📄	ICON_COPY_OBJECT	Copy <object>		
⬇	ICON_SORT_DOWN	Sort in Descending Order		
⬆	ICON_SORT_UP	Sort in Ascending Order		
🔍	ICON_SEARCH	Find		
⊕	ICON_INSERT_ROW	Insert Row		
⊖	ICON_DELETE_ROW	Delete Row		
📝	ICON_CHANGE_TEXT	Text		
📝	ICON_CREATE_TEXT	Create text		
📄	ICON_DISPLAY_TEXT	Display text		
🗒	ICON_ANNOTATION	Note; remark	2	✓
🗒	ICON_CREATE_NOTE	Create note	2	✓

	A	B	C
1	ICON_EXECUTE_OBJECT	Execute <object>	2
2	ICON_SELECT_DETAIL	Choose <detail>; Detail	2
3	ICON_PRINT	Print	2
4	ICON_COPY_OBJECT	Copy <object>	2
5	ICON_SORT_DOWN	Sort in Descending Order	2
6	ICON_SORT_UP	Sort in Ascending Order	2
7	ICON_SEARCH	Find	2
8	ICON_INSERT_ROW	Insert Row	2
9	ICON_DELETE_ROW	Delete Row	2
10	ICON_CHANGE_TEXT	Text	2

SAP Create Standard Order: Overview ER9 (003)

Restrict Value Range (1)

Search and Select

Customers (General) v

Go Hide Filters

Search Term: Country/Region Key: Postal Code: City: Name:

Customer: Deletion Flag: Stand. address: Valid On:

Items (500)

SearchTerm	C/R	PostalCode	City	Name 1	Customer	DelF	Partner
CCS	DE	69190	WALLDORF	TEST CUSTOMER: CCS	CCSC000010		
CCS	DE	69190	WALLDORF	TEST CUSTOMER: CCS	CCSC000012		CCSC000012
CCS	DE	69190	WALLDORF	TEST CUSTOMER: CCS	CCSC000016		CCSC000016
CCS	DE	69190	WALLDORF	TEST CUSTOMER: CCS	CCSC000017		CCSC000017
CCS	DE	69190	WALLDORF	TEST CUSTOMER: CCS	CCSC000018		CCSC000018
CCS	DE	69190	WALLDORF	TEST CUSTOMER: CCS	CCSC000019		CCSC000019
CCS	DE	69190	WALLDORF	TEST CUSTOMER: CCS	CCSC000020		CCSC000020
CCS	DE	69190	WALLDORF	TEST CUSTOMER: CCS	CCSC000021		CCSC000021
CCS	DE	69190	WALLDORF	TEST CUSTOMER: CCS	CCSC000022		CCSC000022
CCS	DE	69190	WALLDORF	TEST CUSTOMER: CCS	CCSC000023		
CCS	DE	69190	WALLDORF	TEST CUSTOMER: CCS	CCSC000024		

More than 500 input options

OK Cancel

Save Cancel

# SAP GUI for Windows 7.70 - Highlights

**SAP GUI 7.70 introduces a new family of themes which are aligned with the Fiori 3.0 look:**

- Quartz (Light)
- Quartz Dark
- Quartz High Contrast Black
- Quartz High Contrast White

**HTML Control based on Chromium Edge:**

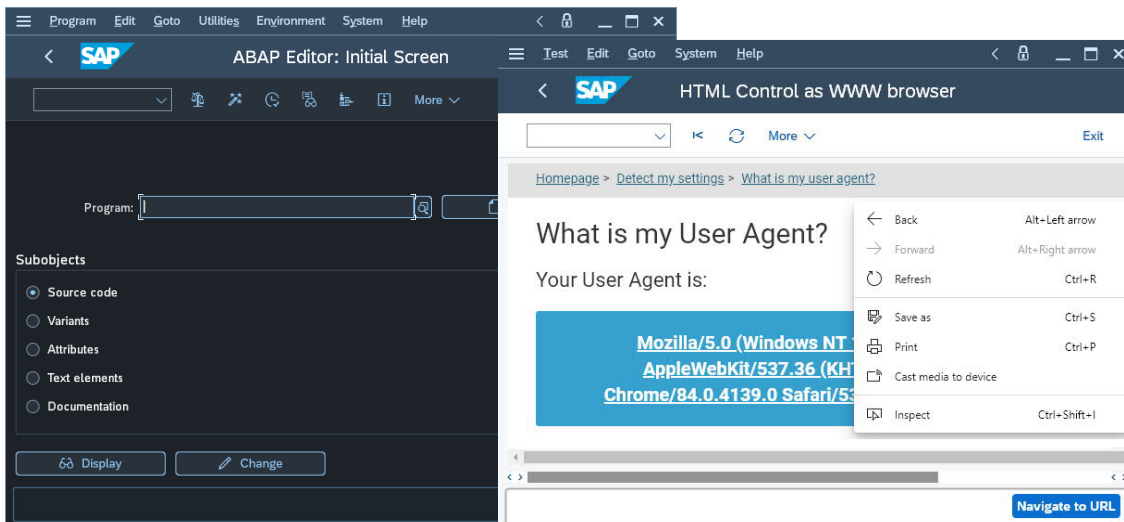
To provide a more modern browsing experience and overcome limitations in Internet Explorer, SAP GUI 7.70 introduces an alternative browser control based on Microsoft Edge (WebView2 Control).

This feature was developed in close cooperation with Microsoft

**Multi Monitor Scaling Awareness:**

To overcome drawing issues when using multiple monitors with different scaling settings (like blurry display or incorrect window sizes when SAP GUI is embedded), SAP GUI 7.70 introduces the ability to react on different scaling settings per monitor.

Requires the usage of Belize or Quartz Theme



# SAP GUI for Windows - Outlook

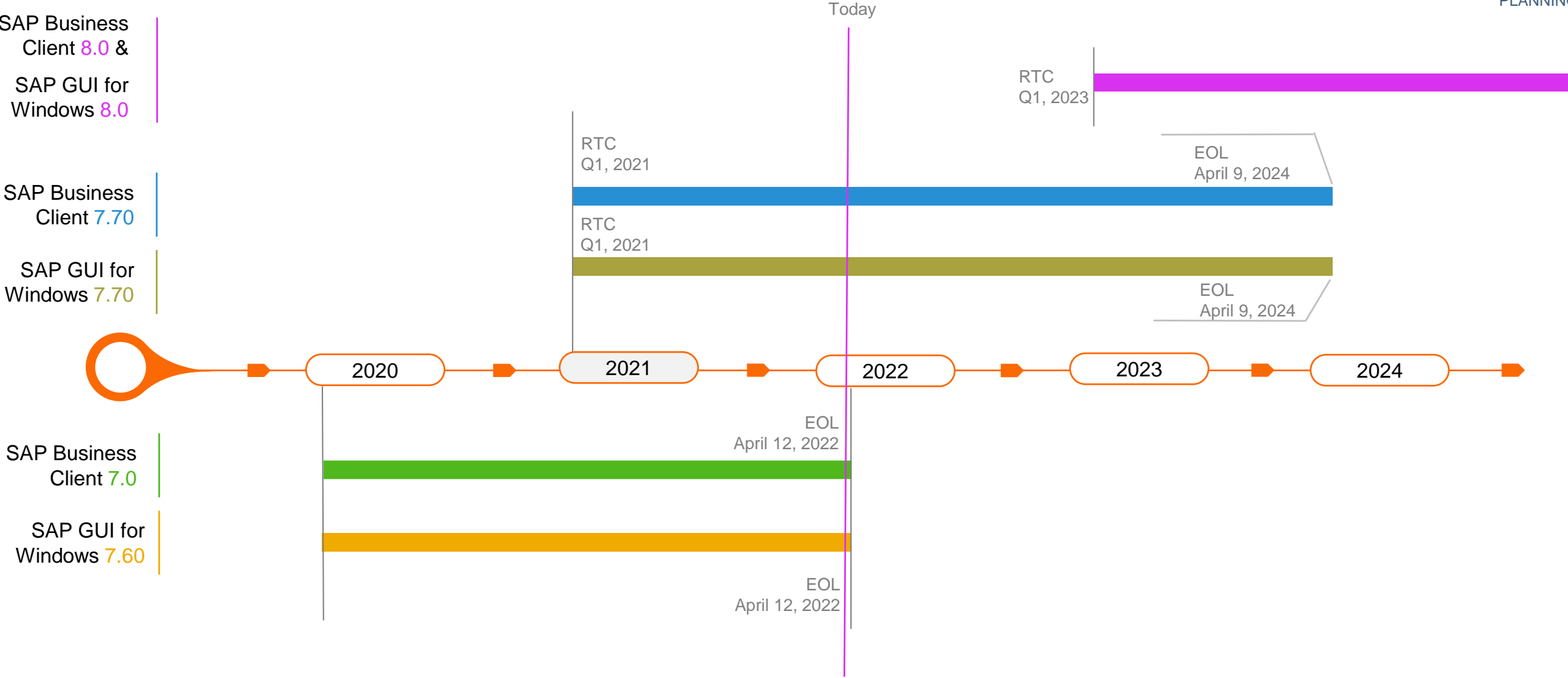
**The next version of the SAP GUI for Windows will be version 8.0**

- Beta phase is planned to start in July 2022
- Release to Customer is planned for early 2023
- Most important planned scope:
  - True 64 bit version as feature complete as possible in parallel to the 32 bit version
  - Modernized rendering by introducing Direct2D for all relevant controls
  - Usability improvements (keyboard support of various elements, improved mouse wheel scrolling)
  - Improved features for Edge Control

Further details: <https://blogs.sap.com/2022/02/22/sap-gui-for-windows-8.00-64bit-version-coming-in-addition-to-the-32bit-version/>



# Support timeline\*



\* Refer to [SAP Note 2302074 \(SAP Business Client\)](#) and [SAP Note 147519 \(SAP GUI for Windows\)](#) for details

# Business Client as your Central Entry Point

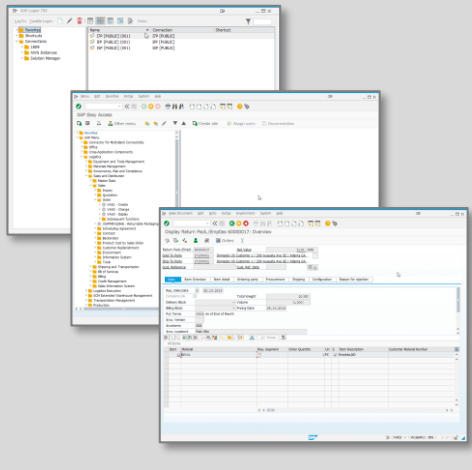


# User experience for SAP S/4HANA

## Implementing SAP Fiori apps vs. SAP Fiori as the UX for SAP S/4HANA



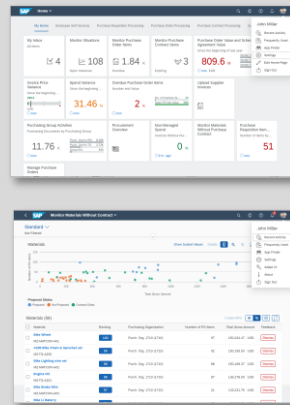
SAP logon



“SAP GUI world”

&

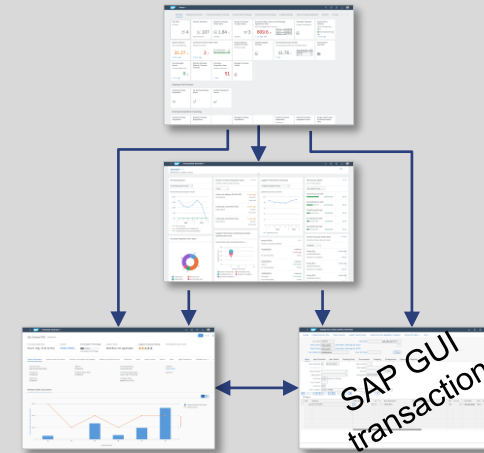
Browser



“SAP Fiori apps-only”



Browser or SAP Business Client

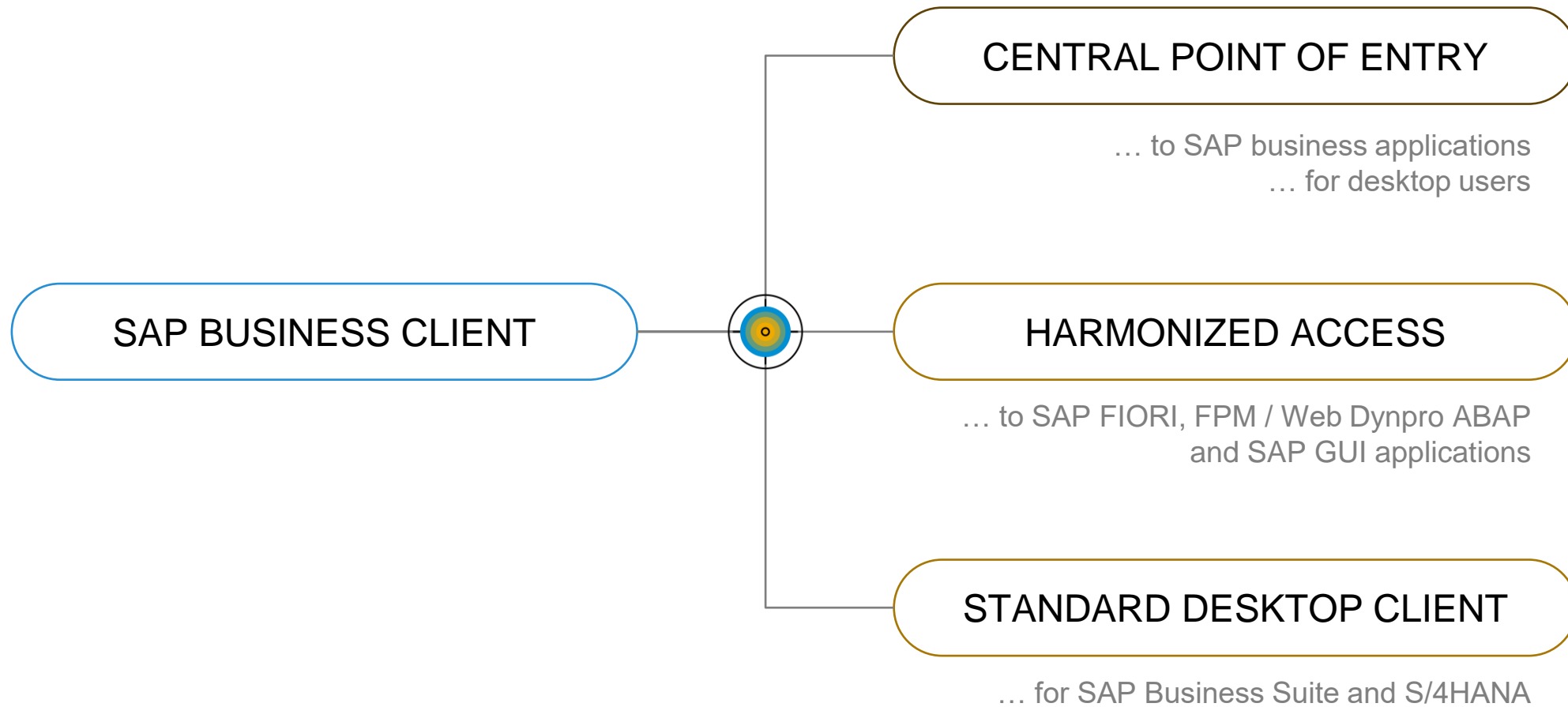


SAP Fiori as UX for SAP S/4HANA

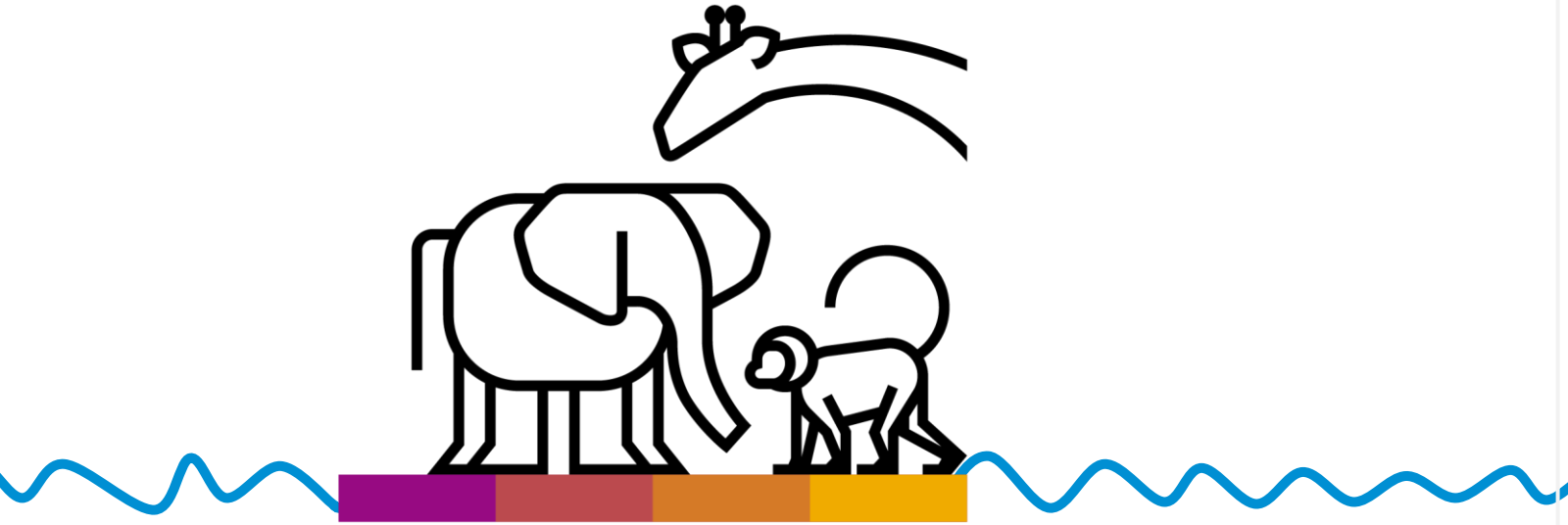
Implementing SAP Fiori apps side by side leads to two entry points for end users

Single access point to full scope of SAP S/4HANA


# Introduction



# Access different SAP Business Applications in one Central Entry Point



[\\*https://www.appgyver.com/](https://www.appgyver.com/)

- SAP Fiori Apps
- AppGyver Applications\* 
- SAP GUI Apps (native transactions)
- Web Dynpro ABAP
- FPM (Floorplan Manager Apps)
- or other URL-based content

AND CHOOSE BETWEEN EDGE  
AND INTERNET EXPLORER FOR  
EACH APP IF YOU LIKE



# SAP Fiori launchpad within SAP Business Client at a glance

Quick Launch to directly launch transactions via T-Code and configuring your search providers

Role-based content definition

Launch SAPUI5, Web Dynpro ABAP, SAP GUI or other URL-based content

News and feeds to enhance collaboration

Group tiles for personalized content organization

The screenshot displays the SAP Fiori launchpad interface within the SAP Business Client. The top navigation bar includes a 'Home' button, a search bar with the placeholder 'Enter search term or URL', and a 'UYZ (1) 200' indicator. The main content area shows a form for 'EPM Sales Order 0500002541'. The form is divided into sections: 'Business Partner' (with fields for ID, Company, Street, Postal Code/City, and Country), 'Lifecycle' (with radio buttons for Confirmed, New, Closed, and Cancelled), 'Status' (with radio buttons for Yes and No), 'Delivered' (with a checkbox), 'Paid' (with a checkbox), 'Note' (with a text area), and 'Amounts' (with fields for Net Amount, Tax Amount, and Gross Amount, all showing 0,00). A green circle highlights the 'UYZ (1) 200' indicator in the top right corner.

System Information and SAP GUI Scripting for SAP GUI transactions

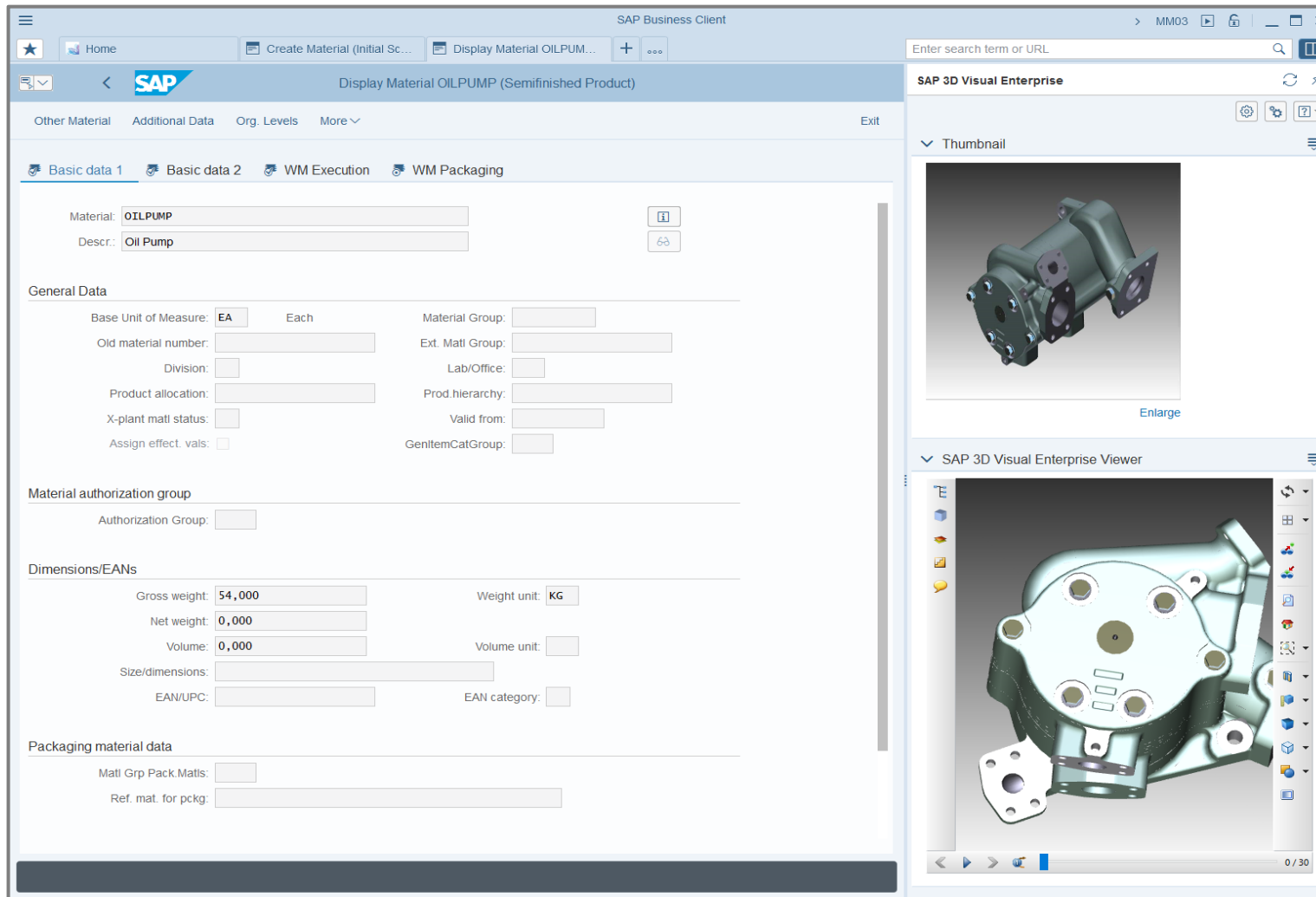
Search across and within apps to get immediate answers

Notification preview area

Color coding alerts user for any overdue, new or immediate actions

Dynamic charts to provide high level, real-time overview

# Side panel for transactions in SAP Fiori launchpad connection



Show **additional context-sensitive information** for **existing SAP GUI transactions** in a separate screen area **without modifying** the corresponding transaction

The SAP Fiori launchpad connection type supports side panels - based on side panel infrastructure in SAP BC connections \*

# Working areas

Manage Purchase Or... Standard PO NB 450... Standard PO NB 450... + ...

ER9 (3) 003

Enter search term or URL

Standard PO NB 4500187845 Created by Bince Mathew

Document Overview On Create Display/Change Other Purchase Order Check Display Messages Print Preview More

Standard PO NB 4500187845 Supplier: ST-VEND Susannes Vendor Doc. Date: 19.07.2017

Header

S...	Itm	A	Short Text	PO Quantity	OUn	C	Deliv. Date	Net Price	Curre...	Per	OPU	Matl Group	Plnt	Stor. Location
<input type="checkbox"/>	10		ST-COMP-06		1,000	KG	D 21.07.2017	1,00	EUR	1	KG	L87	Werk 0001	
<input type="checkbox"/>	20		ST-COMP-XMAT-01: WU ' ', W...		2,000	KG	D 15.06.2020		EUR	1	KG	L87		
<input type="checkbox"/>									EUR					

Default Values Add Planning

Item: [ 10 ] ST-COMP-06, ST-COMP-06

Material Data Quantities/Weights Delivery Schedule Delivery Invoice Conditions Texts Delivery Address Confirmati... > v

PO Quantity: 1,000 KG Order Unit <-> Ord. Price Unit: 1 KG <-> 1 KG

PO Qty in SKU: 1,000 KG Order Unit <-> SKU: 1 KG <-> 1 KG

Net Weight: 1,000 KG /1: KG Net weight: 1,000 KG /Item

Gross Weight: 2,000 KG /1: KG Gross Weight: 2,000 KG /Item

Volume: /1: KG Volume: 0,000 /Item

Points: /1: KG Points: 0,000 /Item

Enter Plant Save Cancel

## SHELL AREA

role based access  
navigation and menus  
system connections  
session handling  
powerful search \*  
quick launch \*

## CONTENT AREA

one unified environment  
embedded rendering engines for

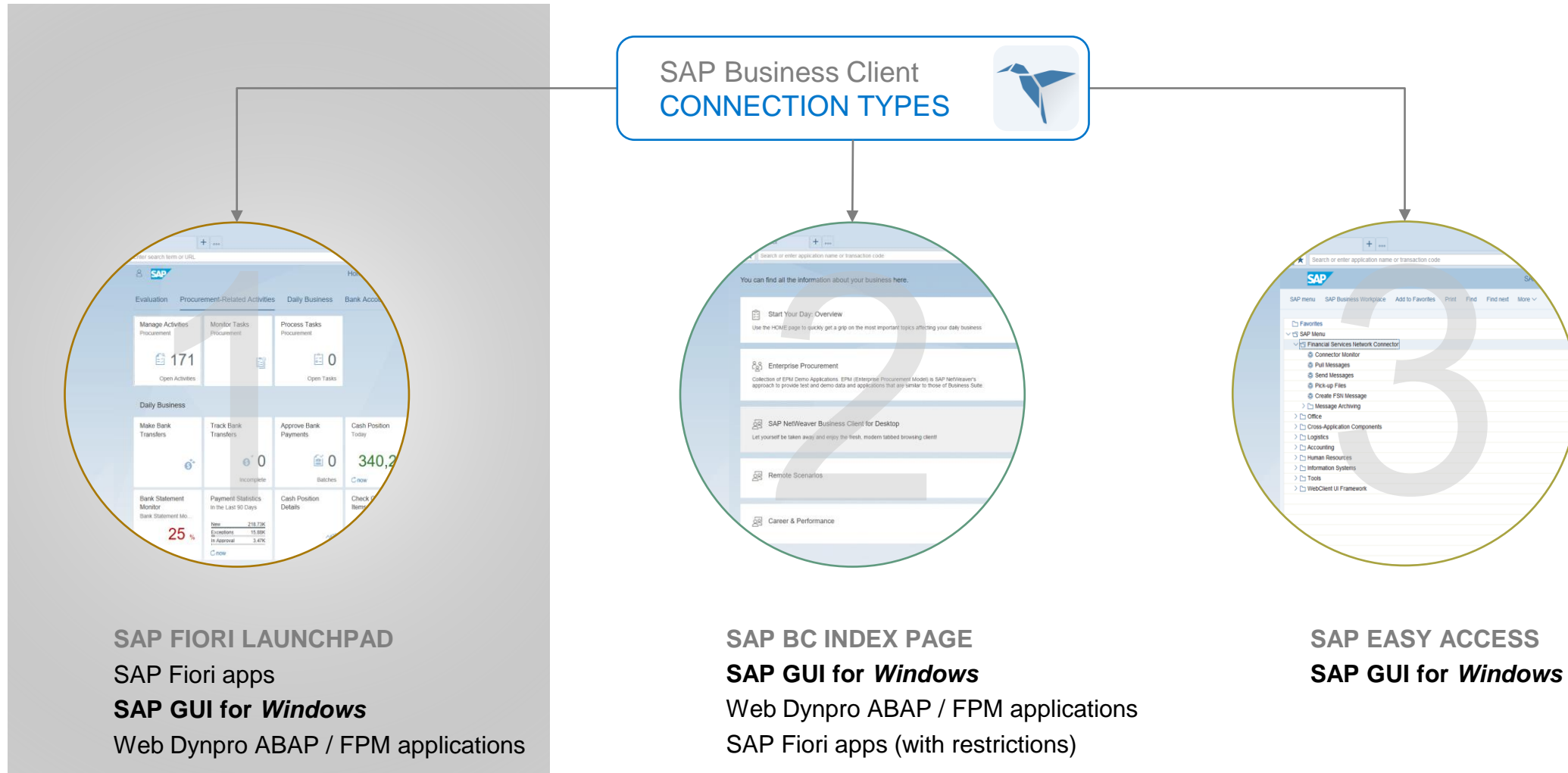
- SAP GUI transactions using DIAG protocol
- HTML content incl. SAP Fiori apps and WebDynpro ABAP / FPM applications using Microsoft Web Browser Control and http(s) protocol

\* depending on system connection type

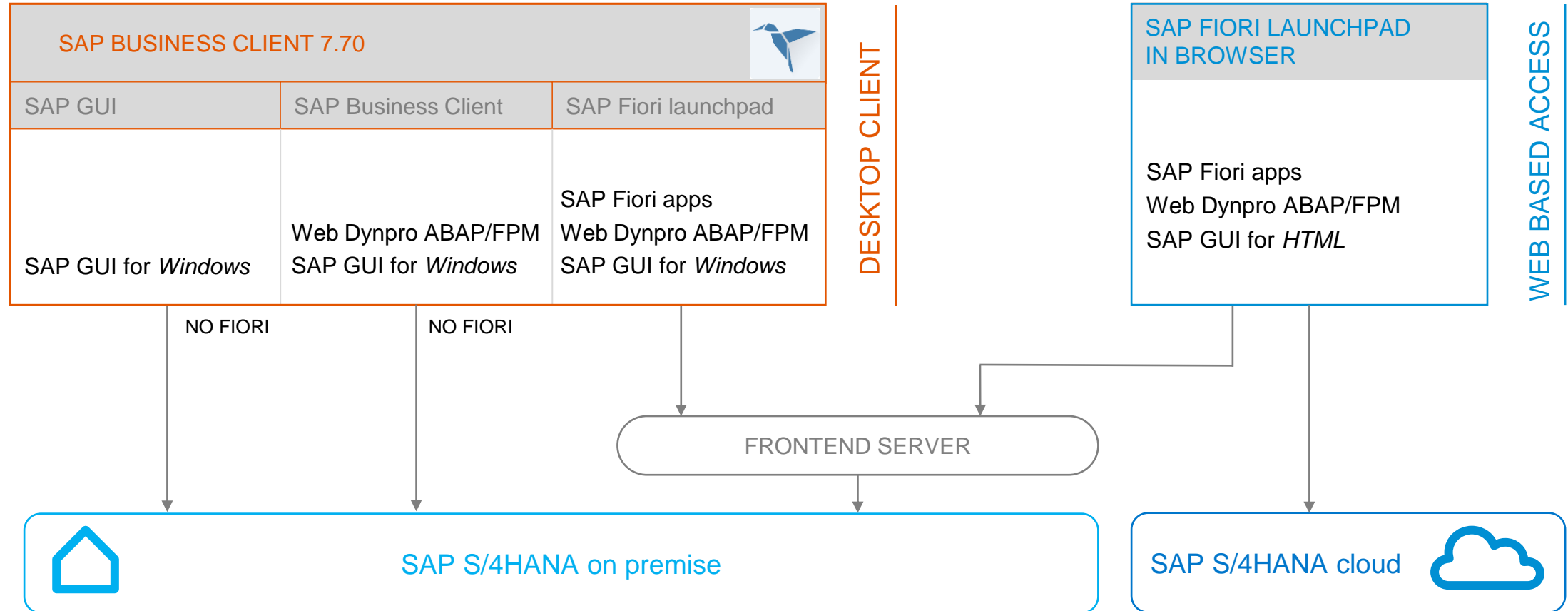
See also: [SAP Business Client: Technology Block Diagram](#)

# SAP Fiori UX with SAP Business Client Connection SAP Fiori launchpad

## 3 different connection types for 3 different home pages



# SAP S/4HANA Client Options (1)

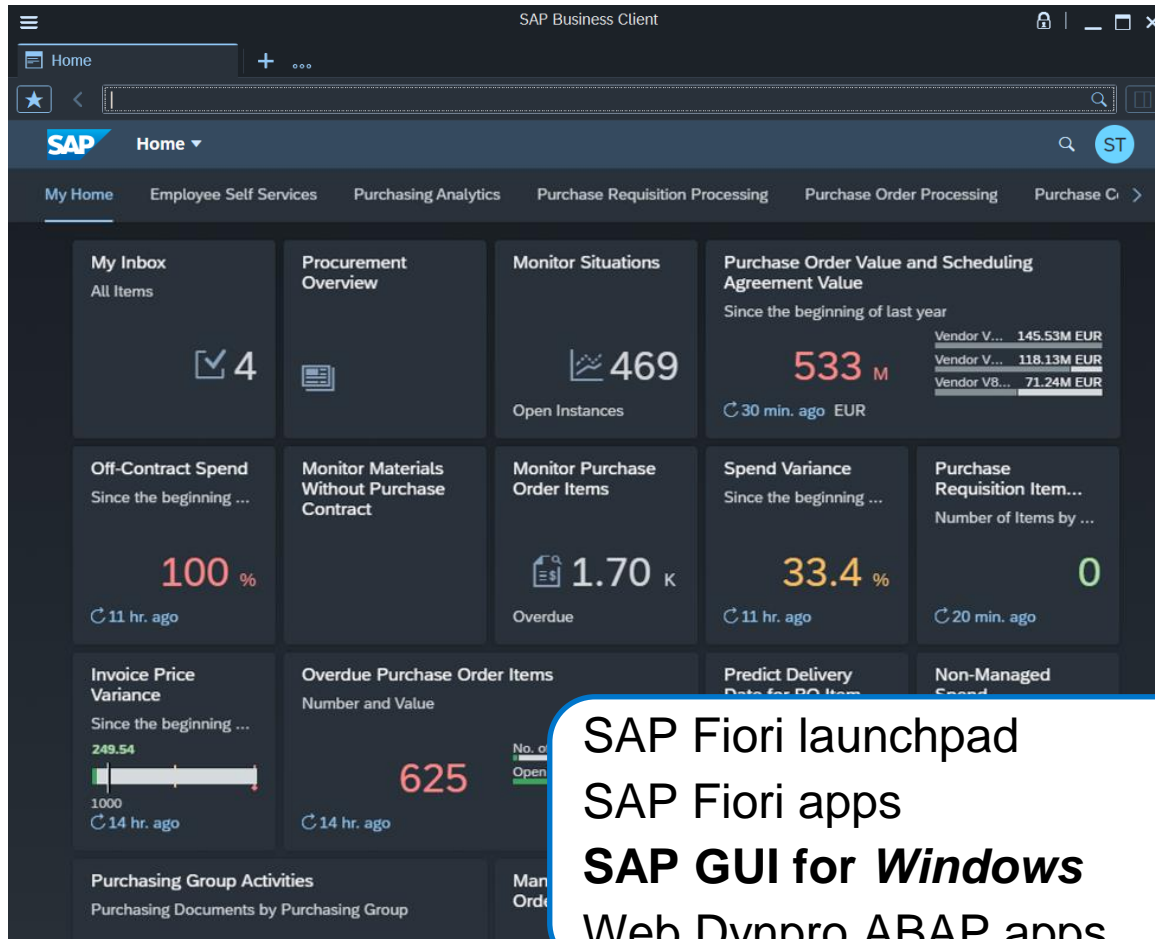




# S/4HANA Client Options for Desktop Access (2)

## Business Client

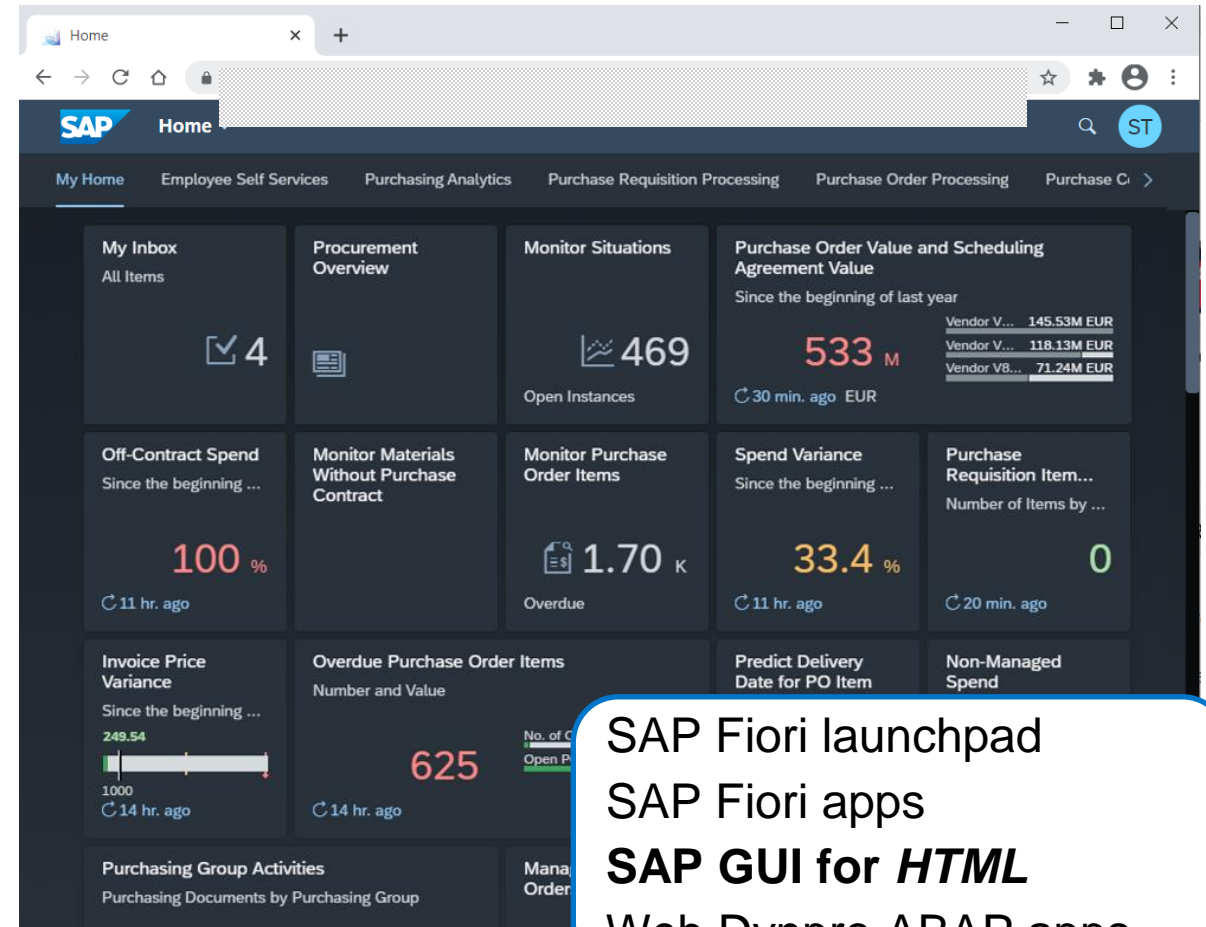
With connection type SAP Fiori launchpad



SAP Fiori launchpad  
SAP Fiori apps  
**SAP GUI for *Windows***  
Web Dynpro ABAP apps

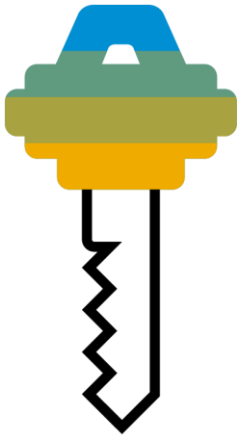
## Web Browser

e.g. Edge



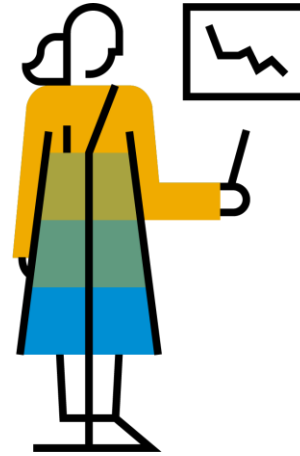
SAP Fiori launchpad  
SAP Fiori apps  
**SAP GUI for *HTML***  
Web Dynpro ABAP apps

# SAP Business Client for desktop



## KEY FEATURES

- Integration of Fiori user experience
  - SAP Fiori launchpad as start page
  - Launch SAP GUI transactions
- Role-based access to SAP business applications
- Integration of different UI technologies
- Integration of different Browser Controls (Microsoft Edge, IE)
- Allows modification-free mash-ups via side panels
- Supports access and navigation to other systems



## BENEFITS

- Increased productivity for expert users
- Content tailored to users needs
- SAP Fiori UX and desktop experience in one client
- Support for SAP S/4HANA, on-premise



[News Video](#)

## FIORI 3 Themes Quartz, ...

- ▶ 'Quartz Light', 'Quartz Dark' and its High Contrast Black and High Contrast White equivalents – clean and lightweight design, coherent across all SAP Fiori applications.

## Microsoft Edge, ...

- ▶ The browser control is based on the fast Chromium rendering and updated on operating system level.

## 64-bit Version, ...

## Dynamic Browser Selection, ...

## SAP Cloud Platform launchpad Integration, ...

- ▶ accessing your on-prem and cloud applications from one single-entry-point to benefit from the fact that SAP Business Client launches native SAP GUI for Windows, not only Web GUI.

## Session Timeout Handling, ...

- ▶ Orchestration of user interaction across multiple tabs and technologies.

## Compact Header, ...

- ▶ Save space and put your menu to the right, as in Google Chrome

# SAP Business Client - Outlook

**The next version of the SAP Business Client will be version 8.0**

- Beta phase is planned to start in July 2022
- Release to Customer is planned for Q1, 2023
- Most important planned scope:
  - Inplace-Navigation inside Fiori launchpad: You decide if your SAP GUI for Windows transaction is opened in a new tab or inplace
  - Separate Theming for System Selector und shell windows
  - Support 64 bit version of SAP GUI for Windows which will come with 8.0
  - History
  - Export of favorites
  - Performance Improvements and reduced memory footprint
  - WorkZone support

# SAP Fiori Further Integration





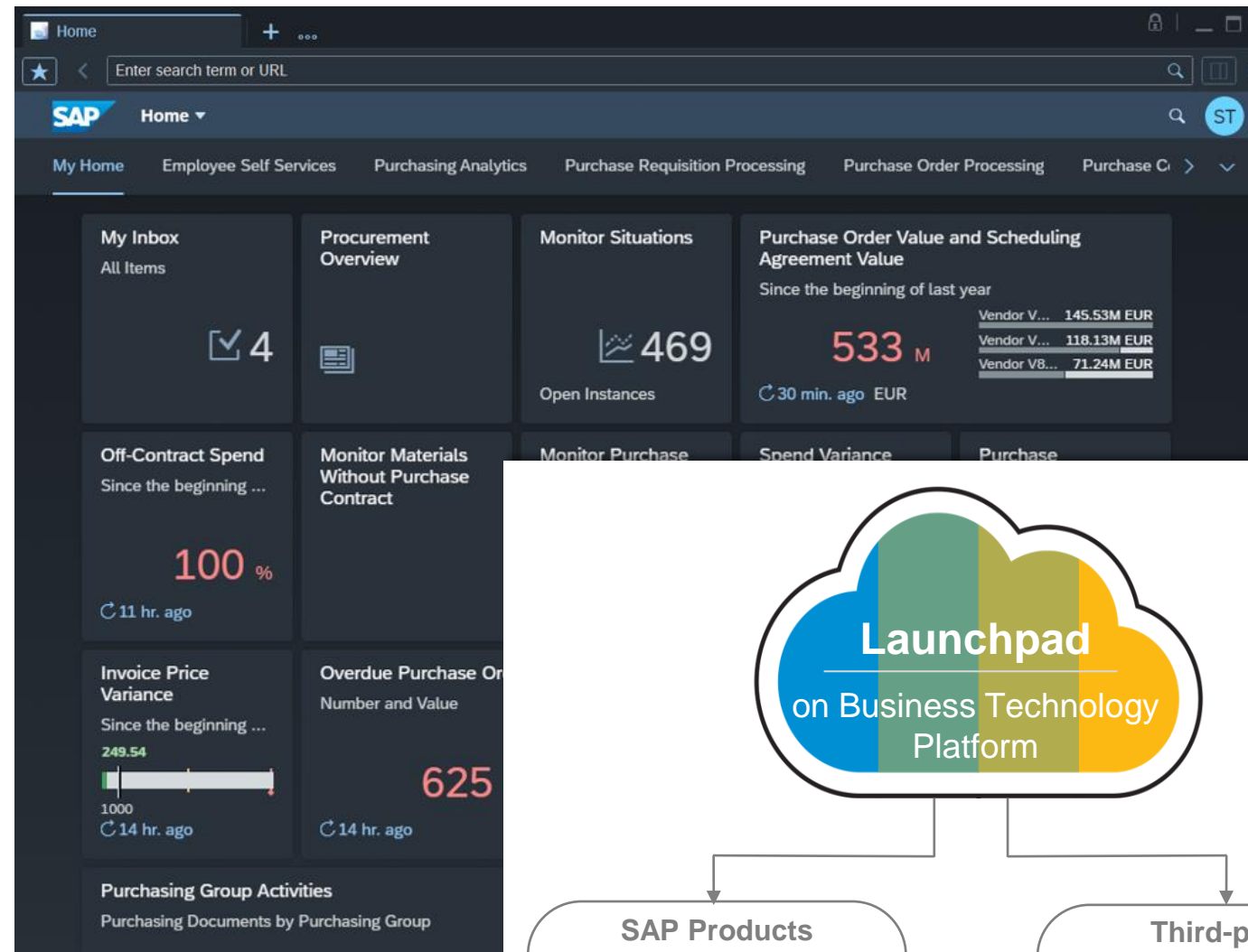
# Cloud: Fiori Launchpad Service Integration

## BENEFITS

- SAP Launchpad service (known as cFLP, Cloud Foundry) running in SAP Business Client.
- Providing access to multiple SAP applications – either running in the cloud or on-premise. For instance SAP Analytics and LCNC Apps.
- Business Client connection can be configured to start transactions within the embedded native SAP GUI for Windows.
- Business users benefit from an intuitive SAP Fiori 3 based user experience

## SYSTEMS

- Launchpad on BTP (Cloud Foundry)
- On-premise ABAP application backend with WDA apps and Classic Dynpro applications





# Further Reading S/4HANA

## Recommended Blogs:

<https://blogs.sap.com/2021/03/31/sap-fiori-for-sap-s-4hana-recommendations-for-transitioning-users-from-sap-gui-to-sap-fiori/>

Bootcamp: Open to all customers!

Registration: [s4h\\_customer\\_care@sap.com](mailto:s4h_customer_care@sap.com)

<https://blogs.sap.com/2021/09/27/sap-fiori-for-sap-s-4hana-5-steps-to-fiori-bootcamp-for-customers/>

# S/4HANA Customer Care Program

**The S/4HANA Customer Care Program will help to make your SAP S/4HANA go-live project a success by offering:**

- A named **Project Coach** serving as a remote contact to share best practices and collect feedback.
- A named **Development Angel** facilitating the access to the SAP S/4HANA development organization.

**The offer is free of charge. To apply please send an e-mail to [S4H\\_Customer\\_Care@sap.com](mailto:S4H_Customer_Care@sap.com).**

Enrollment is currently open for active go-live projects implementing SAP S/4HANA 2021 or SAP S/4HANA Cloud, private edition.

Focus is on existing SAP ERP customers who transition to SAP S/4HANA and are willing to act as a reference.

The program support will commence with the start of your go-live project and end one month after your first Go-Live, but latest after 12 months.

# Roles & Tasks

## Customer/Partner



### Project Contact

- Member of the customer's project team, typically the Customer / Partner project lead
- Joins the regular interaction with the Project Coach
- After the successful completion of the project, provides feedback to SAP (based on a one-page feedback template) and supports the customer's participation in the SAP reference program

## SAP

### Project Coach



- Works in unison with customer and partner resources on the project to ensure successful project implementation
- Runs a regular and proactive interaction with the project team
- Works with the Development Angel for critical issue resolution
- Shares product related information and learnings from other projects
- Ensures SAP management visibility of project status on a regular base
- Engages for customer feedback and reference activities

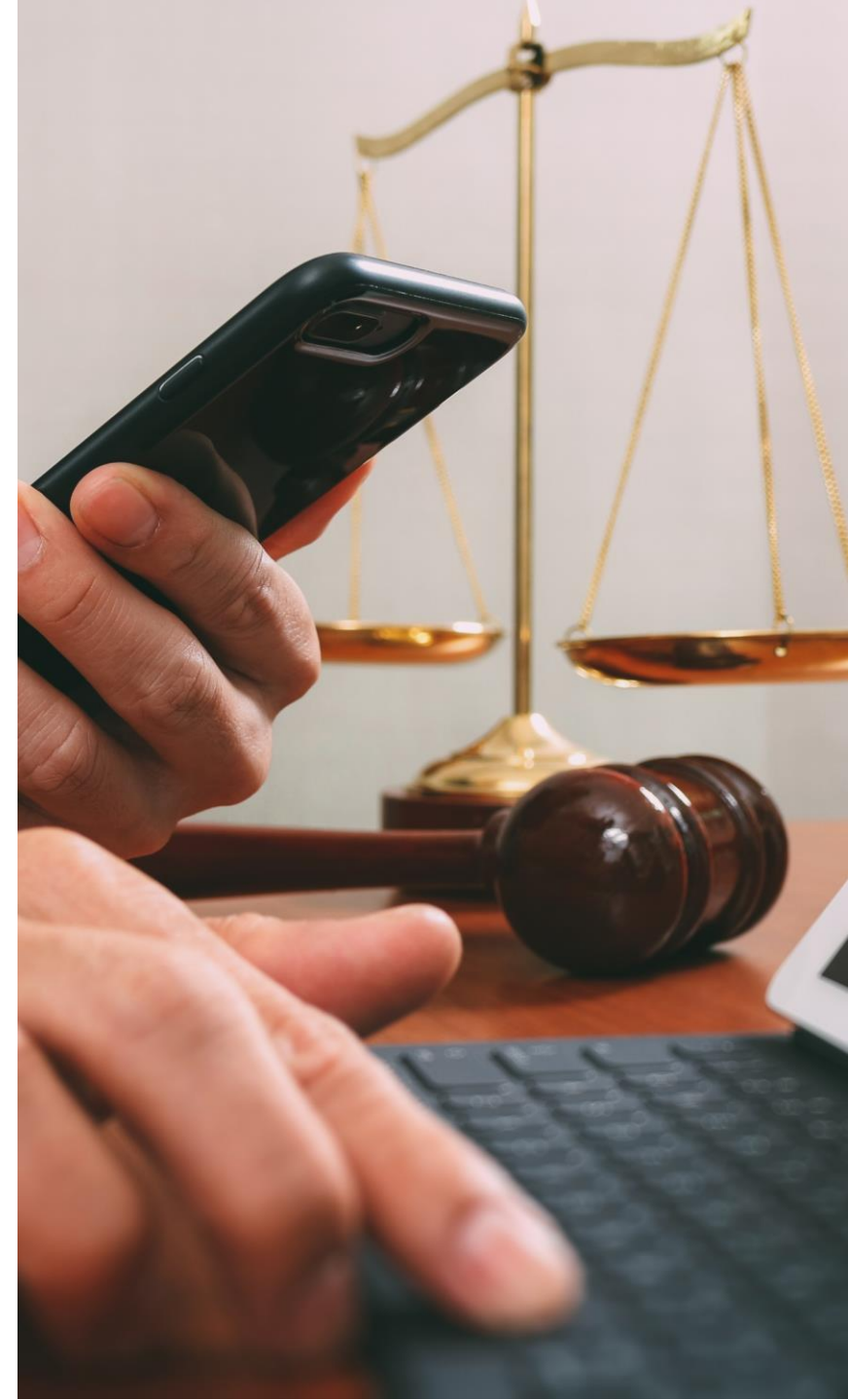
### Development Angel



- Technical or functional S/4HANA subject matter expert, acting within a network of experts from the S/4HANA Regional Implementation Group (RIG) and facilitating the access to the SAP S/4HANA development organization
- Provides guidance & follow up on product related questions

# Program Disclaimer & Important Information

- SAP reserves the right to decide which customer projects are accepted into the program based on defined criteria.
- SAP may decide to close the program at any time.
- As part of this program SAP does not take over any project responsibility.
- The S/4HANA Customer Care Program does not include standard SAP Consulting.
- The interaction between SAP and the project team will be virtual/remote. Default languages are English and German. Other languages can be supported on an exceptional basis.
- On average the program will support with 4-8 hours per week and project. To make best use of the resources, the project team needs to prioritize the topics in which the program is engaged.
- SAP will share the most current information. However, SAP does not take over any liability for problems resulting from incomplete information.
- No new developments will be delivered under this program.



# Application Process

To apply for the S/4HANA Customer Care program, please send the following project information to [S4H\\_Customer\\_Care@sap.com](mailto:S4H_Customer_Care@sap.com):

Click here for the  
questionnaire  
as a mail template :



SAP S4HANA Customer Care Program Questionnaire.m

Project ID:  
Customer Name:  
Customer ERP Number:  
Country (project location):  
Implementation Partner Company:  
Best person(s) to discuss next steps:  
Customer Contact Name & Email address:  
Partner Contact Name & Email address:

*will be filled by SAP*


Type of Project:

☐ Proof of Concept ☐ Go-Live Project

Implementation Type:

☐ New Implementation ☐ System Conversion  
☐ Others, please specify:

--

Project Start Date [DD-MM-YYYY]:  
Go-Live Date(s) [DD-MM-YYYY]:  
Target Solution (multiple answers possible):


☐ SAP S/4HANA 2021 (S/4HANA On-Premise)  
☐ SAP S/4HANA Cloud, private edition  
☐ SAP Integrated Business Planning for Supply Chain (IBP)  
☐ SAP S/4HANA Supply Chain for extended warehouse management (EWM)  
☐ SAP S/4HANA Supply Chain for transportation management (TM)  
☐ SAP S/4HANA Manufacturing for production engineering and operations (PEO)  
☐ Others, please specify:

--

ERP System(s) to be replaced (SAP and/or Non-SAP) & version and system id, if SAP:  
Current Database and data base size:  
SAP applications / systems to be integrated:  
Number of active system users:  
Project scope (in terms of enterprise structure, processes, functional modules):  
Complexities or challenges of the project that require particular attention:


Customer willing to join regular interaction with the Project Coach:  
Customer willing to act as a reference:

☐ Yes ☐ No  
☐ Yes ☐ No

# Appendix

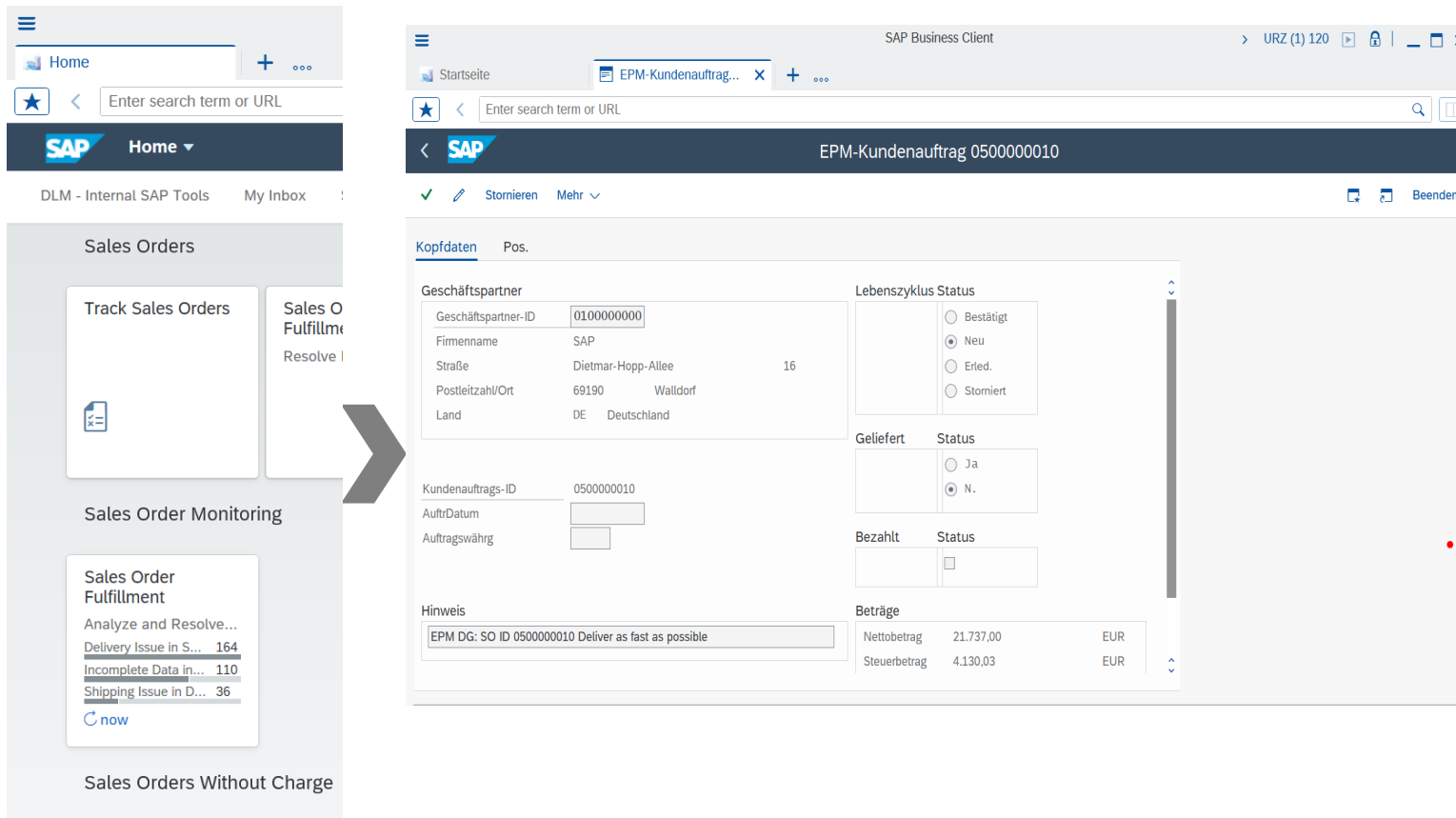




# SAP Fiori launchpad in SAP Business Client

RUN SAP GUI FOR WINDOWS TRANSACTIONS (NATIVE) TOGETHER WITH SAP FIORI UX

BENEFITS: SAP Fiori **launchpad**, SAP **Fiori UX**, and **desktop** experience in one client



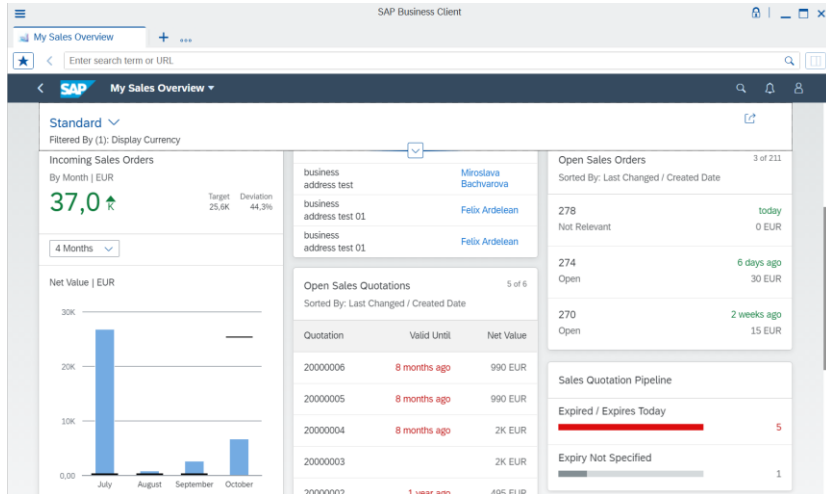
## REQUIREMENTS

- ▶ SAP Business Client with connection type Fiori launchpad

## SYSTEMS

- ▶ SAP Fiori Front-End Server (FES) based on SAP NetWeaver AS ABAP
  - ▶ Min. UI Add-On 2.0 SP01 for SAP NetWeaver or component SAP\_UI 750 SP01\*
- ▶ Application backend
  - ▶ As of SAP\_UI 7.51 on SAP S/4HANA 1610 to obtain SAP Fiori visual theme *Belize* for SAP GUI transactions\*\*.

# S/4HANA Harmonization: Different app types — similar look and feel



SAP FIORI APPLICATION



The screenshot shows the 'Manage Purchase Orders' Web Dynpro ABAP application. It displays a table of purchase orders with columns for Purchase Order, Supplier, Overview Items, Company Code, Status, Approval Status, and Approver. The table lists several orders, including 'Standard PO NB' and 'Stock Transfer Order'.

WEB DYNPRO ABAP APPLICATION



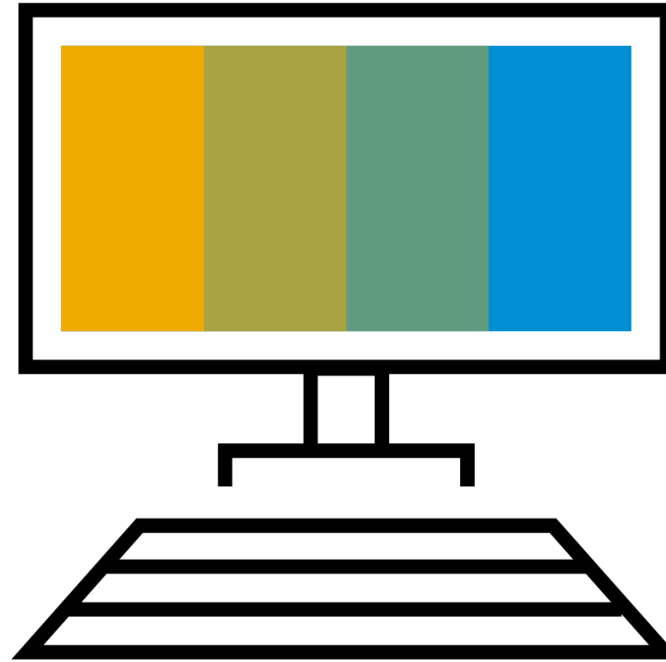
The screenshot shows the 'EPM-Kundenauftrag' Classic Dynpro application. It displays a form with various fields for customer data, including 'Geschäftspartner-ID', 'Firmenname', 'Straße', 'Postleitzahl/Ort', 'Land', 'Kundenauftrags-ID', 'Auftragsdatum', and 'Auftragsstellung'. There are also buttons for 'Stornieren' and 'Beenden'.

CLASSIC DYNPRO APPLICATION  
rendered by SAP GUI for Windows



Harmonized user experience on SAP S/4HANA \*

# **SAP GUI INTEGRATION**



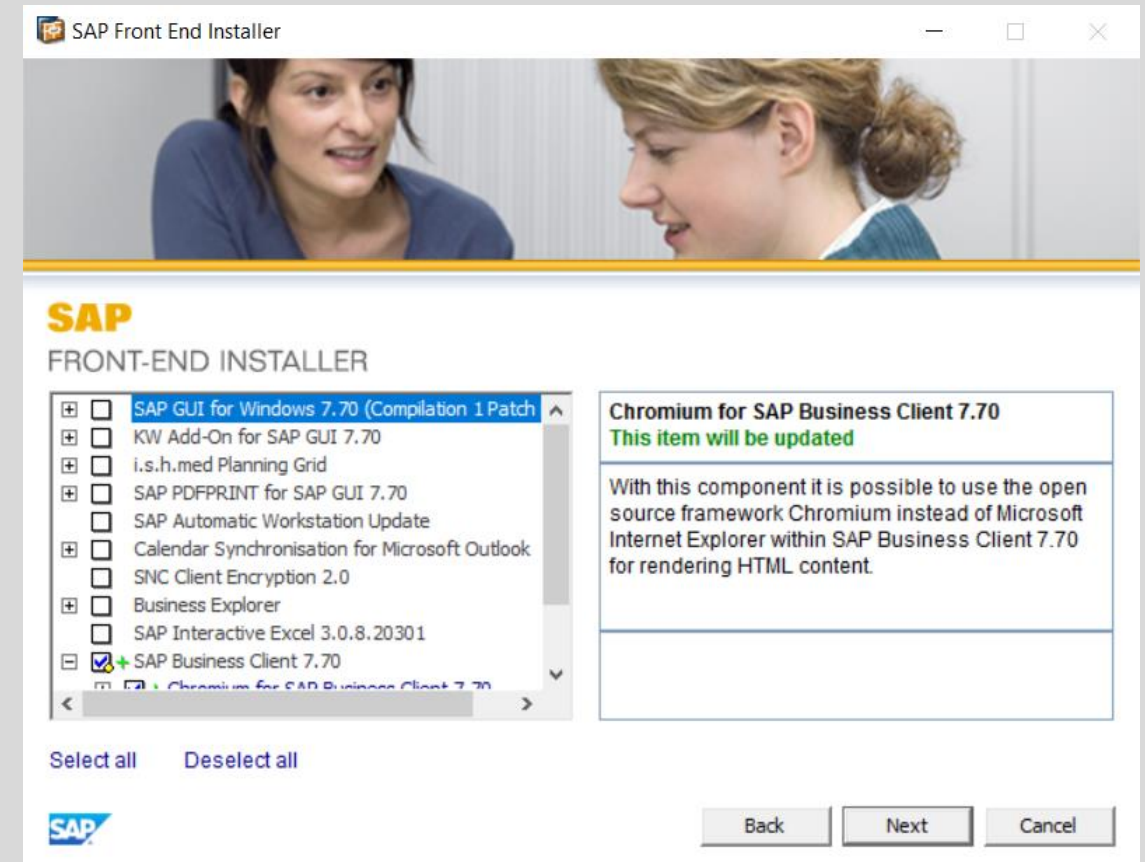
# SAP front-end installation

## One common installation tool

- ▶ SAP Business Client and SAP GUI for Windows are installed using the SAP Front-End Installer

## SAP Installation Server

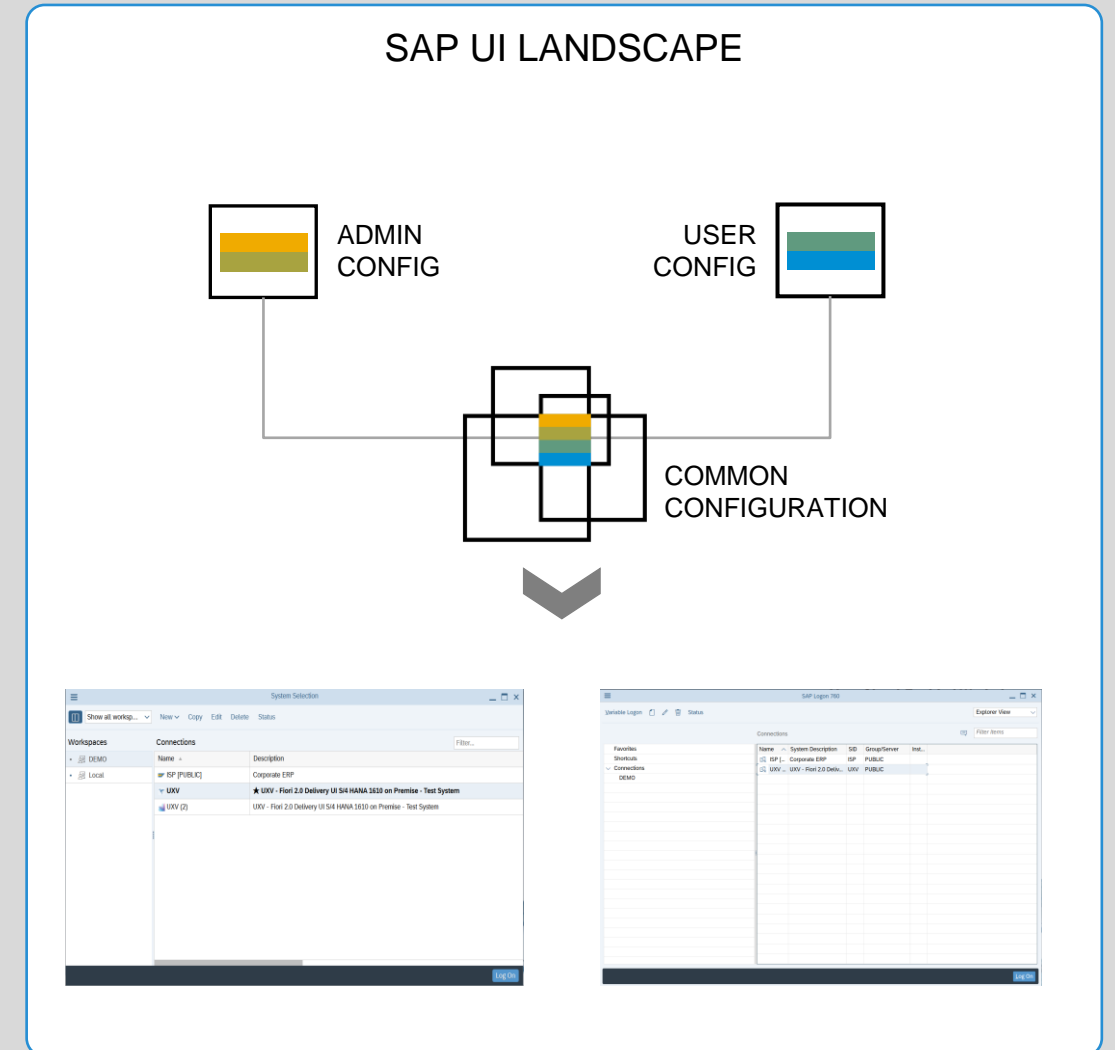
- ▶ Requires just a network share to reside on
- ▶ Is created using NwCreateInstServer.exe
- ▶ Is administered using NwSapSetupAdmin.exe
- ▶ Supports the creation of multiple software packages
- ▶ Installation is started via command line on the client computer
- ▶ Can run with restricted privileges (LSH)
- ▶ Can also run in silent mode



# Unified SAP UI landscape

## COMMON CONFIGURATION

- Supported by:
  - SAP Business Client
  - SAP GUI for Windows
  - SAP GUI for Java
- Configuration based on XML files
- Automatic merge of existing .ini files during installation of SAP Business Client with SAP GUI
  - SAPUILandscapeGlobal.xml for message server and SAP router information
  - SAPUILandscape.xml for SAP logon entries
- No need to have sapmsXXX ports maintained in /etc/services



# Characteristics of the unified UI landscape

## MIGRATION NECESSARY

adaption of scripts for file generation and deployment needed

## USAGE OF NEW FILE STRUCTURE

existing files will be merged

installation will use merged files only

NO tracing of changes in old .ini files any more (e.g. newly added system will not show up)



WHAT DOES IT  
MEAN FOR YOU

## DEPLOYMENT NOT NECESSARY

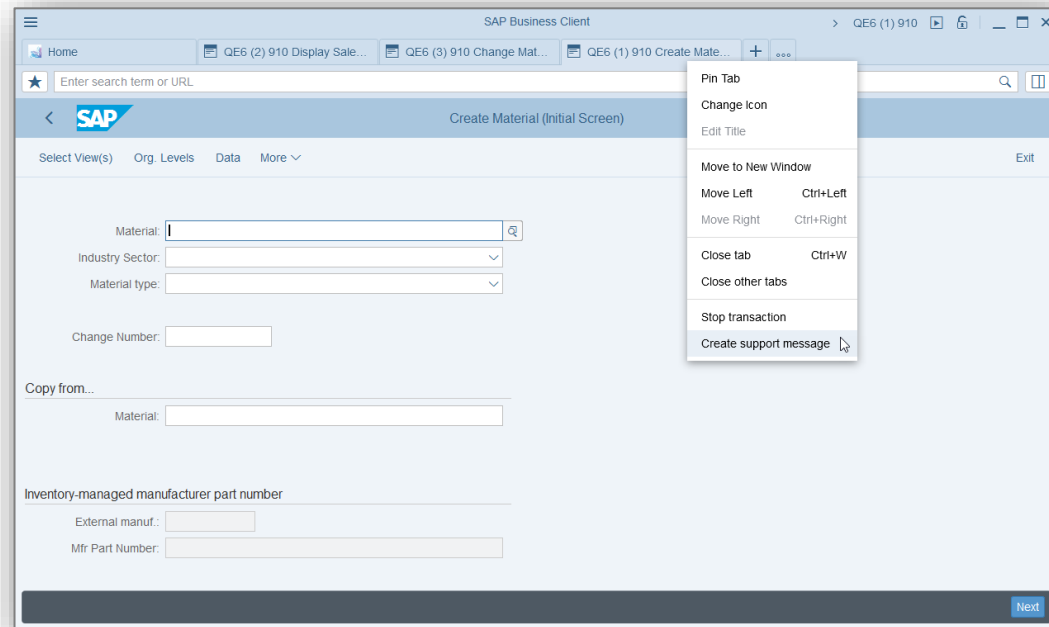
option to use centralized stored files  
(read-only)

## ADDITIONAL INFORMATION

see  
SAP\_Front\_End\_Installation\_Guide.pdf  
on compilation DVD for details

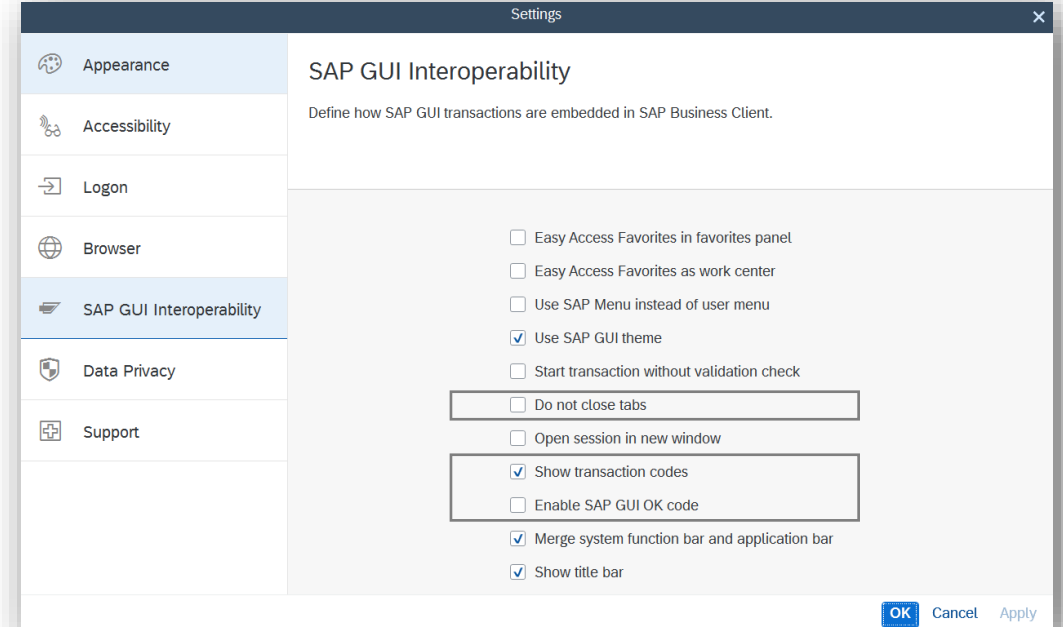


# Tight integration of SAP GUI for Windows



## STAY IN THE SAP BUSINESS CLIENT UNIVERSE

- SAP GUI transactions always open in SAP BC tabs
- SAP Shortcuts open in SAP BC tabs
- *Stop transaction* and *Create support message* in tab context menu



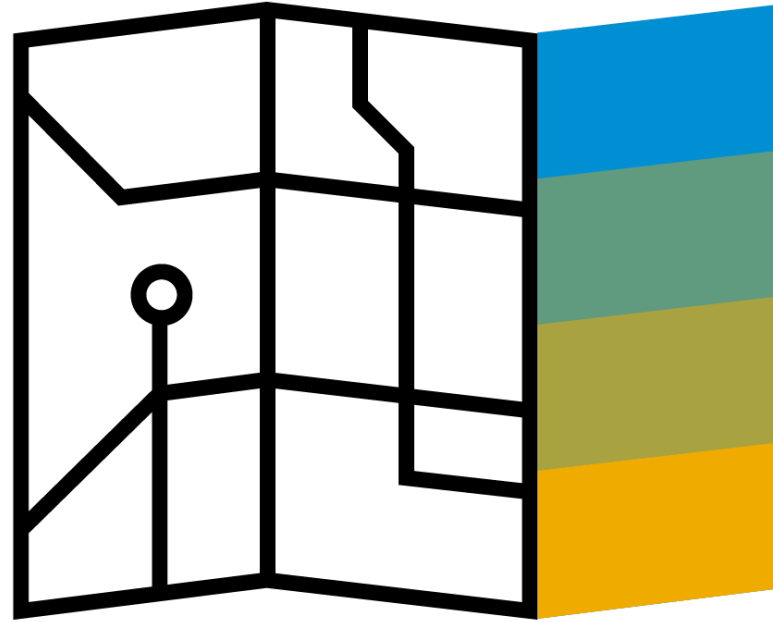
## RELEASE INDEPENDENT ACCESS POINT

- SAP GUI connection type for old system releases or systems not set up for SAP BC

## CONFIGURATION OPTIONS

- To control display and rendering of SAP GUI transactions

# ROADMAP



# Product road map overview - key themes and capabilities

## Today

### SAP Fiori UX integration

- Embedding of SAP Fiori launchpad and SAP GUI for Windows with enhanced support for SAP GUI transactions (system info, search, side panels)
- Support for Fiori 3: Quartz themes

### Cloud integration

- Hybrid scenario: Run S/4HANA Cloud and on-premise systems in SAP BC
- Run central Fiori launchpad in SAP BC

### Browser support

- Edge browser control option
- Flexible usage of different Web browser controls

### Configuration and administration

- 64-bit Version
- Definition of connections using web dispatchers
- Specification and usage of a default connection for startup
- Usage of side panel configuration in target systems

### GDPR data privacy

- Manage and protect local personal data

SAP Business Client 7.70, PL12

## Planned Innovations

### SAP Fiori UX integration

- Fiori 3.0 Quartz HCB & HCW SAP Theme Designer support

### SAP GUI Integration

- Support 64 bit version of SAP GUI for Windows which will come with 8.0

### Configuration & Administration

- Separate Theming for System Selector und shell windows
- Push system messages to the client
- Session handling enhancements
- History
- Export of favorites
- Performance Improvements and reduced memory footprint

## Product Vision

### SAP Fiori UX integration

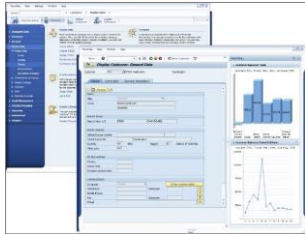
- Continuous integration with SAP Fiori and SAP S/4HANA user experience
- Handling tab-wise FLP notifications in the Business Client
- Inplace-Navigation inside Fiori launchpad: You decide if your SAP GUI for Windows transaction is opened in a new tab or inplace
- Work Zone integration

### Browser support

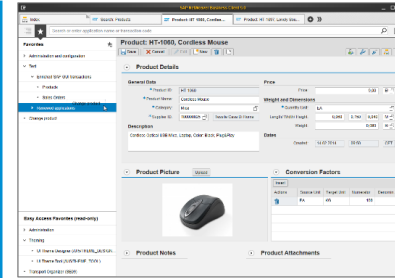
- Support browser plugins in the Edge browser control

This is the current state of planning and may be changed by SAP at any time.

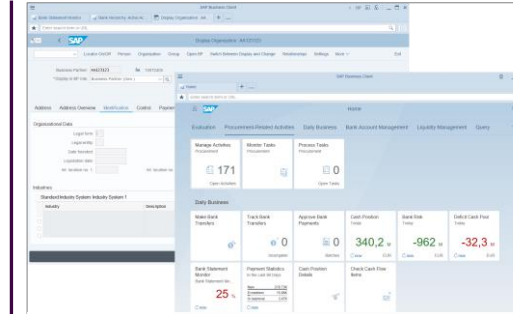
# A chronicle: Business Client version characteristics and key features



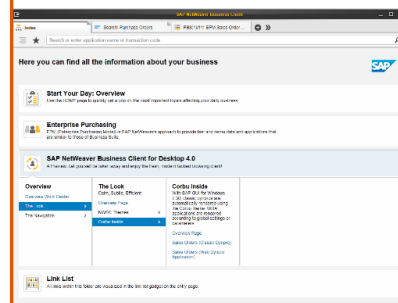
Role-based navigation  
L-Shape navigation panels  
**Signature theme**  
Side Panels



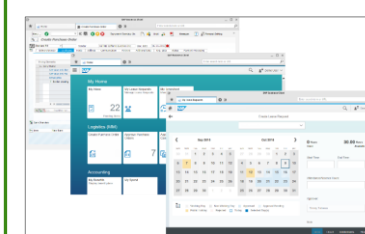
SAP GUI connection type  
Common BC/SAP GUI infrastructure  
**Blue Crystal theme**  
Fiori apps integration



**Visual Theme SAP Belize**  
Enhanced browser integration  
Harmonized user experience on SAP S/4HANA (1610) with SAP Fiori 2.0



Tabbed browsing  
**Corbu theme**  
Theme designer support



Fiori Launchpad connection type  
FLP configuration  
FLP as start page  
Transactions launched using embedded SAP GUI for Windows

Chromium based browser control



UX Harmonization on S/4HANA

*\*today SAP Business Client 7.70*

# Installing SAP Business Client for Desktop

## General approach

### Client-side

**1. Download SAP Business Client from SAP ONE Support Launchpad (SAP Software Download Center)**

**2. Create and distribute system connections\* and client configuration**

SAP UI Landscape  
NwbcOptions.xml  
Registry entries

**3. Install SAP Business Client for Desktop together with SAP GUI for Windows 7.70**

**4. Create and distribute Internet Explorer security options**

\*Fiori Launchpad connection, NWBC connection, SAP logon connection, and SAP shortcut

### Server-side (SAP BC connection)

**5. Configure AS ABAP backend**

HTTP framework, required ICF services, authentication, SNC, /UI2/NWBC\_CFG\_CUST

**6. Define user roles**

OR

### Server-side (Fiori launchpad connection )

**5. Configure SAP Fiori launchpad and launchpad content on ABAP Frontend Server**

- Configure OData services, ICF services incl. nwbc\_api, SAP Web Dispatcher, authorization roles etc.
- Set up navigation incl. RFC connections for remote systems
- Create and assign launchpad catalogs and groups

**6. Configure remote systems (AS ABAP application backends)**

- HTTP framework, required ICF services, authentication, SNC
- Optional: Side panel configuration and assignments

**MORE  
INFORMATION**





# Information on public web



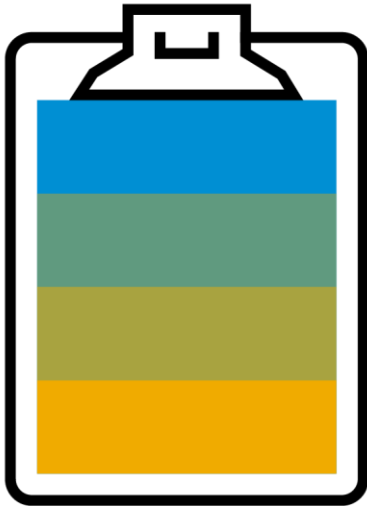
LATEST SAP Business Client [DOWNLOAD](#)

SAP BC [COMMUNITY](#)

SAP UI [SAP ROADMAP EXPLORER](#)

SAP HELP PORTAL [DOCUMENTATION](#)  
[PRODUCT PAGE](#)

## Related SAP notes



[2714160](#)  
[2744024](#)

SAP Business Client 7.70: Prerequisites and restrictions

SAP Business Client 7.70: Expected releases

# Thank you.