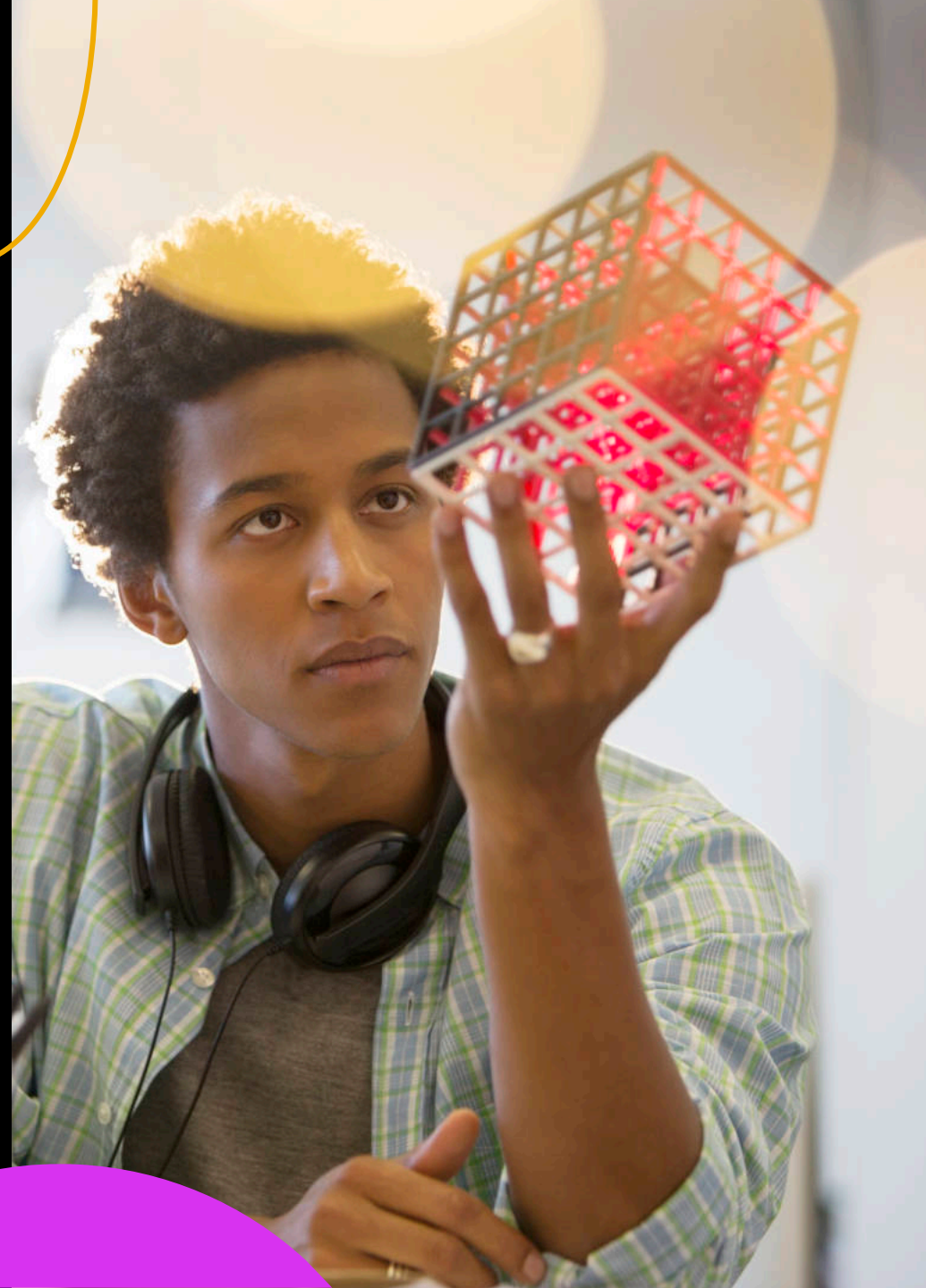


From Process Insights to Improvement with

SAP Intelligent RPA & SAP Workflow Management



Dietmar Steinbichler
Solution Management, SAP Intelligent RPA





Organisations Face the Challenge of an Ever-Changing Process Landscape

Three key factors are driving the change





**Volatile
Markets**



**Limited
Resources**



**Complex
IT Landscapes**



smart

End-to-end
Business Process Intelligence
from insight to action



simple

Quick time to value with
low-code/no-code automation
for everyone



scale

Scale automation
of any core business application
with intelligence



SAP

At SAP, the automation and optimization of Business Processes at large scale has been our DNA **since 1972.**

Only SAP makes Process Automation accessible for everyone to build and run business-critical automations on core systems.

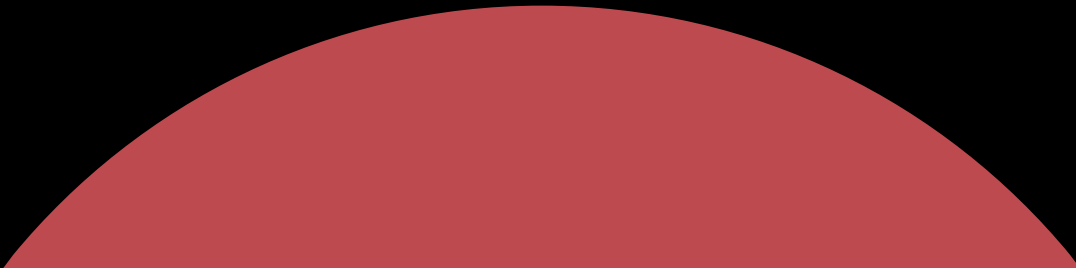
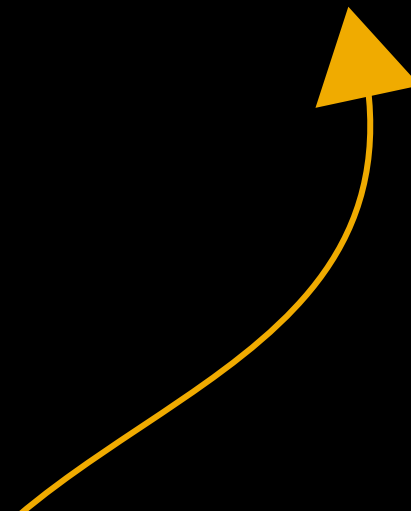
We help our customers **innovate** their Business Processes in an ever-changing world!

The SAP logo is displayed in white, bold, sans-serif capital letters on a blue background that is shaped like a right-angled triangle pointing towards the top right.



SAP Business Process Intelligence

A holistic approach for a sustainable success



Chat Bots

Process Mining

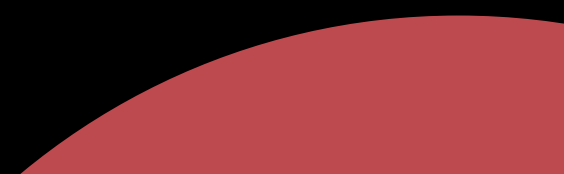
Robotic Process Automation

Artificial Intelligence Process Modelling

Workflow Management

Business Intelligence

Process Simulation



SAP Business Process Intelligence

A holistic approach for a sustainable success



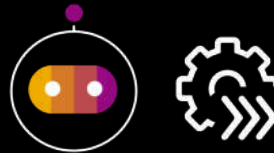
ANALYSE



DESIGN & SIMULATE



IMPROVE



ROLL-OUT & GOVERN



MONITOR



MODELS



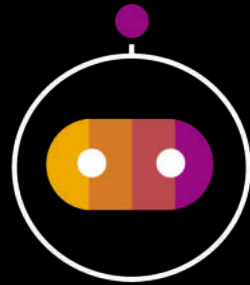
PEOPLE



DATA

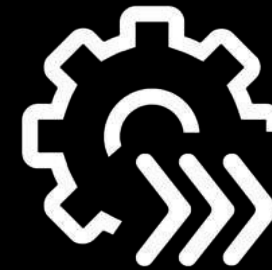
Boost Process Agility with Low Code/No Code Solutions

Combine SAP Workflow Management & SAP Intelligent RPA for End-to-end Automation



SAP Intelligent RPA

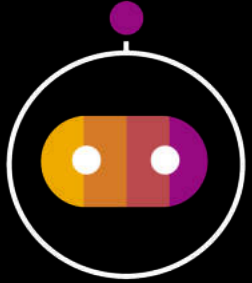
Automate tasks and replace repetitive tasks with digital workers



SAP Workflow Management

Create fully automated workflows for corporate processes

Start immediately without any additional costs



SAP Intelligent RPA



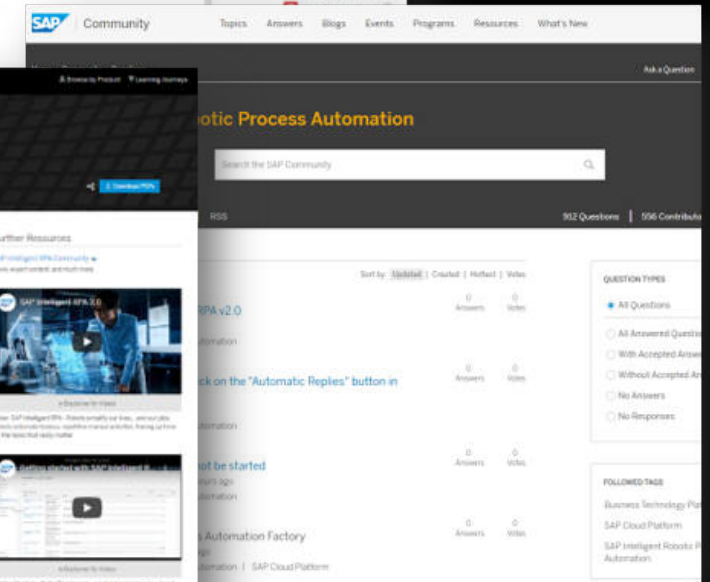
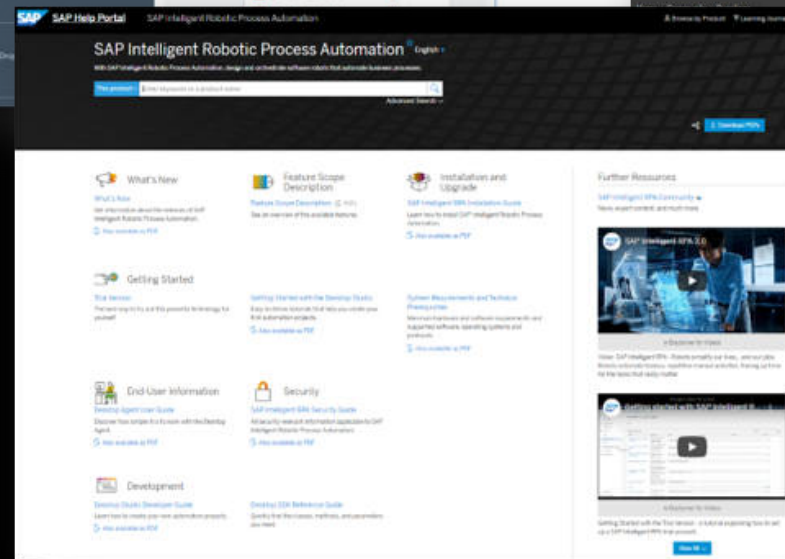
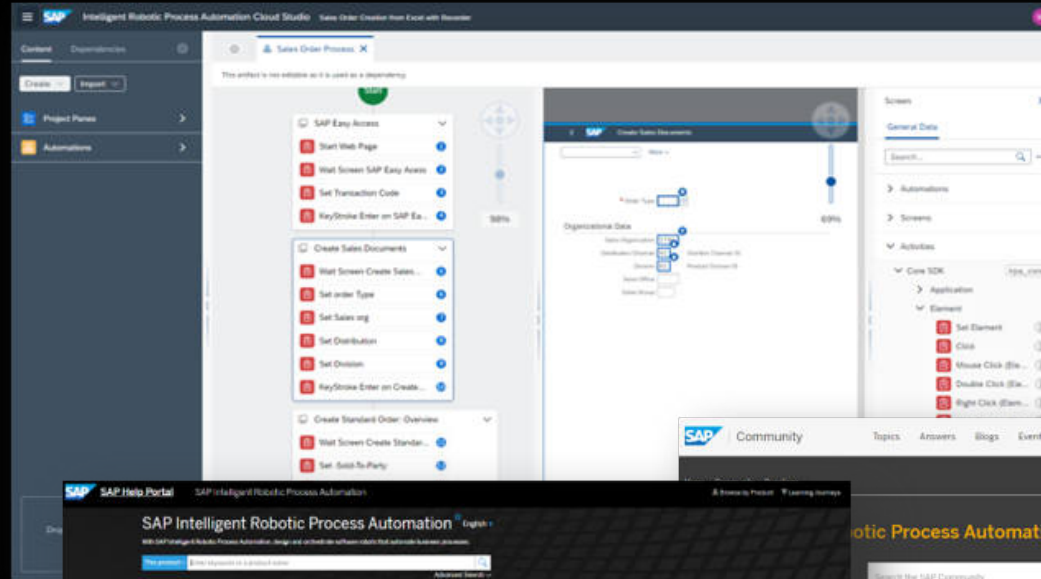
SAP Workflow Management

Included in Cloud Platform Enterprise Agreement (CPEA) and can be used immediately without any additional costs.

Low Code/No Code User Experience

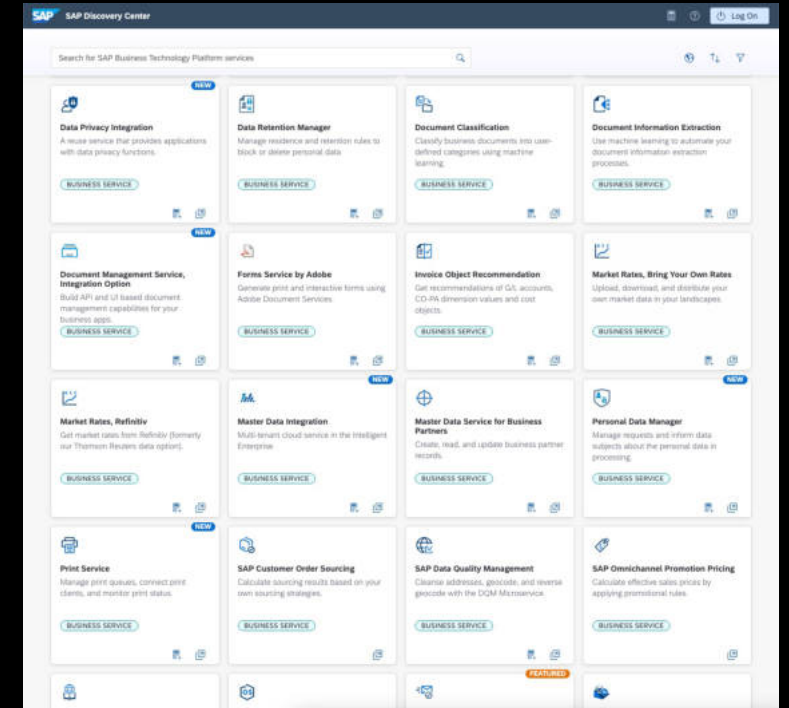
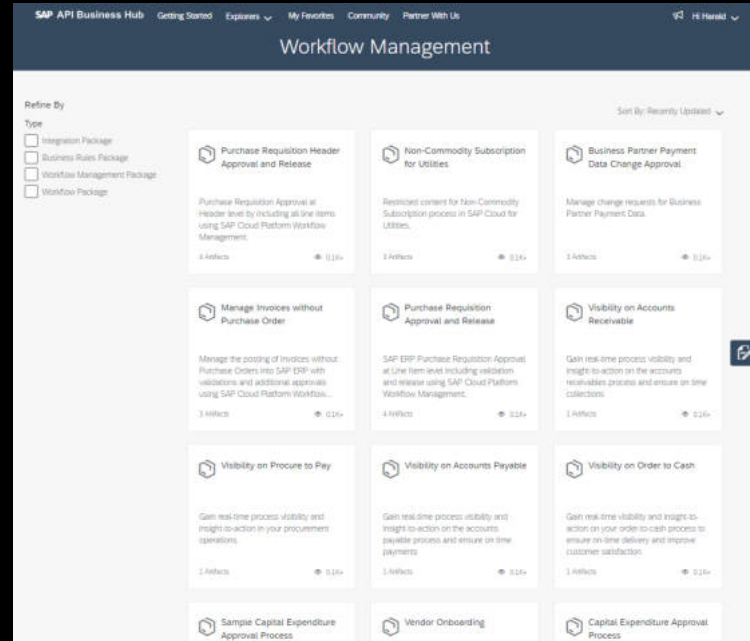
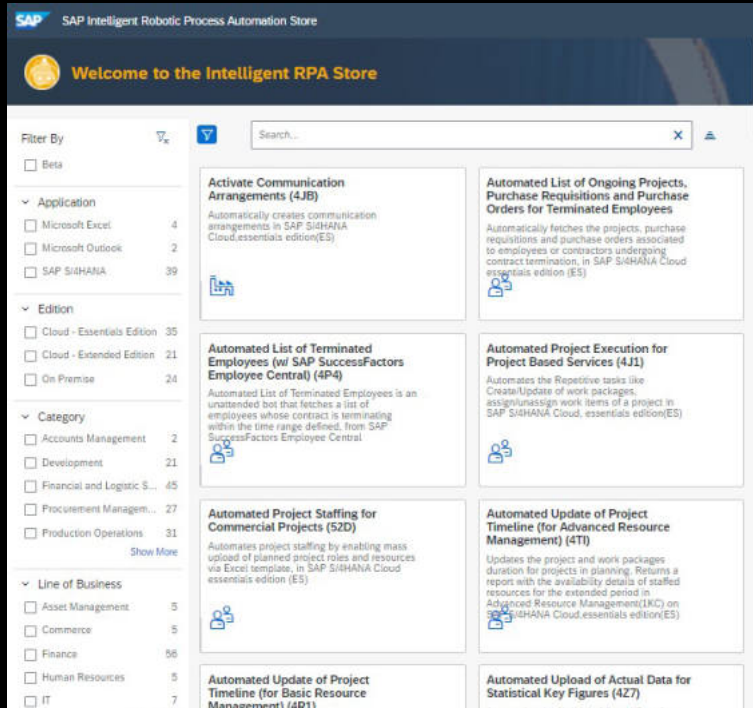
Simple browser-based building experience for citizen developers:

- Drag and drop editor
- Workflow builder
- No-code experience for simple use cases
- Event-based capture for bot-building
- Low-code experience with JavaScript
- State-of-the-art debugger
- Intuitive documentation and active developer community



Deliver Outcomes Faster by Relying on Pre-built Content

Start quickly and Choose from Bots, Live Process Content & Business Services



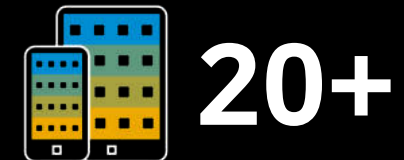
250+

Pre-built bots in [store](#)
14 LoBs | 24 Industries



40+

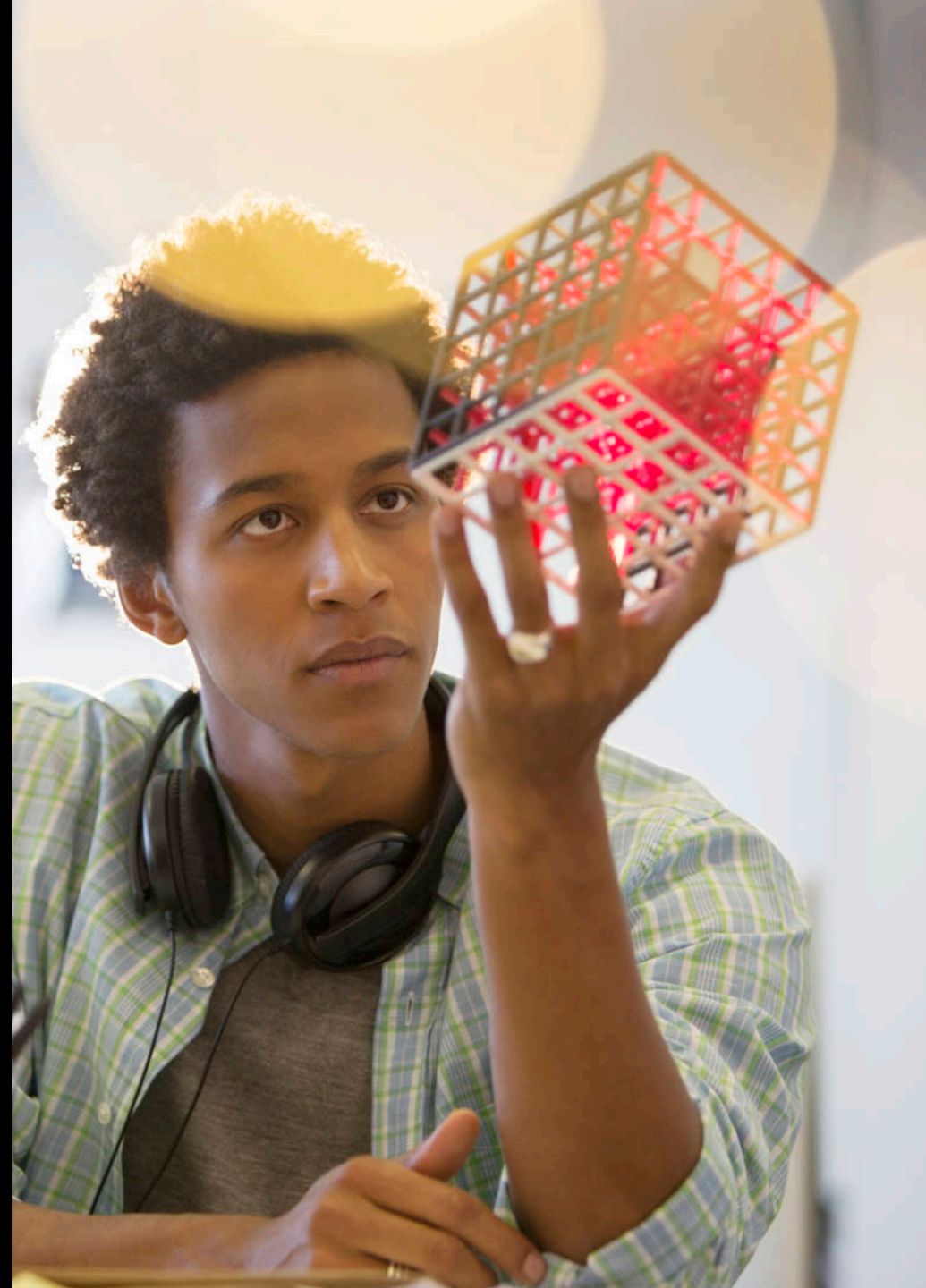
Live process [packages](#)



20+

Business [services](#)

SAP Workflow Management

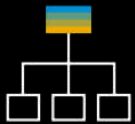


Digital Process Automation – SAP Workflow Management



A cloud service offering to digitize workflows, automate business processes, manage decision logic and gain end-to-end process visibility

SAP Workflow Management



Workflow

Workflow (Low/No-Code)
Manage Process Variants



Decisions

Business Rules
Manage Decisions



Process Visibility

Process Visibility
Live Process
Dashboards



Task Center

My Inbox for
approvals

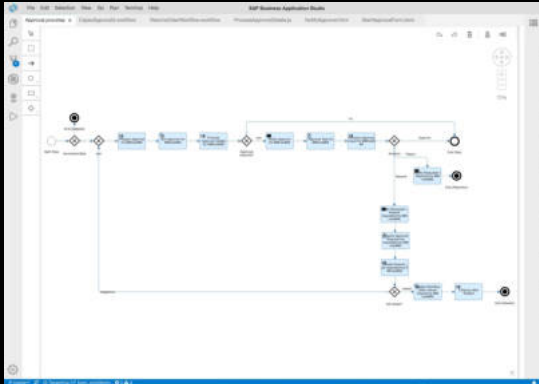


Tightly Integrated with:

SAP Intelligent RPA
SAP Conversational AI

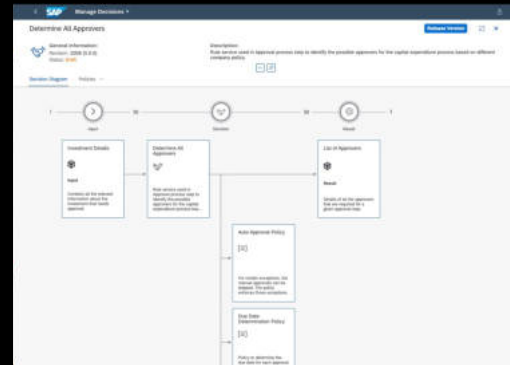
Overview of key capabilities

SAP Workflow Management



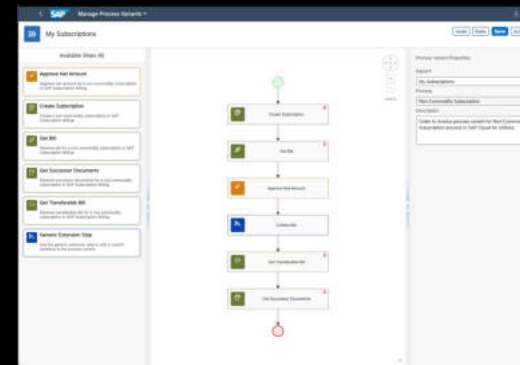
Workflow Editor (Low Code)
Application Workflow

Application developer focused workflow modeling and process automation



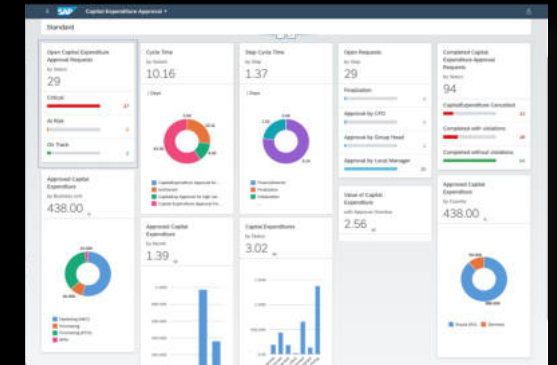
Business Rules (Low Code)
Decision Management and Enterprise Rules Model

Integrated Business Rules Management to deploy into hybrid landscapes



Process Variant (No Code)
Configuration UI for Business Experts

Process flexibility to configure variants of processes with pre-built content



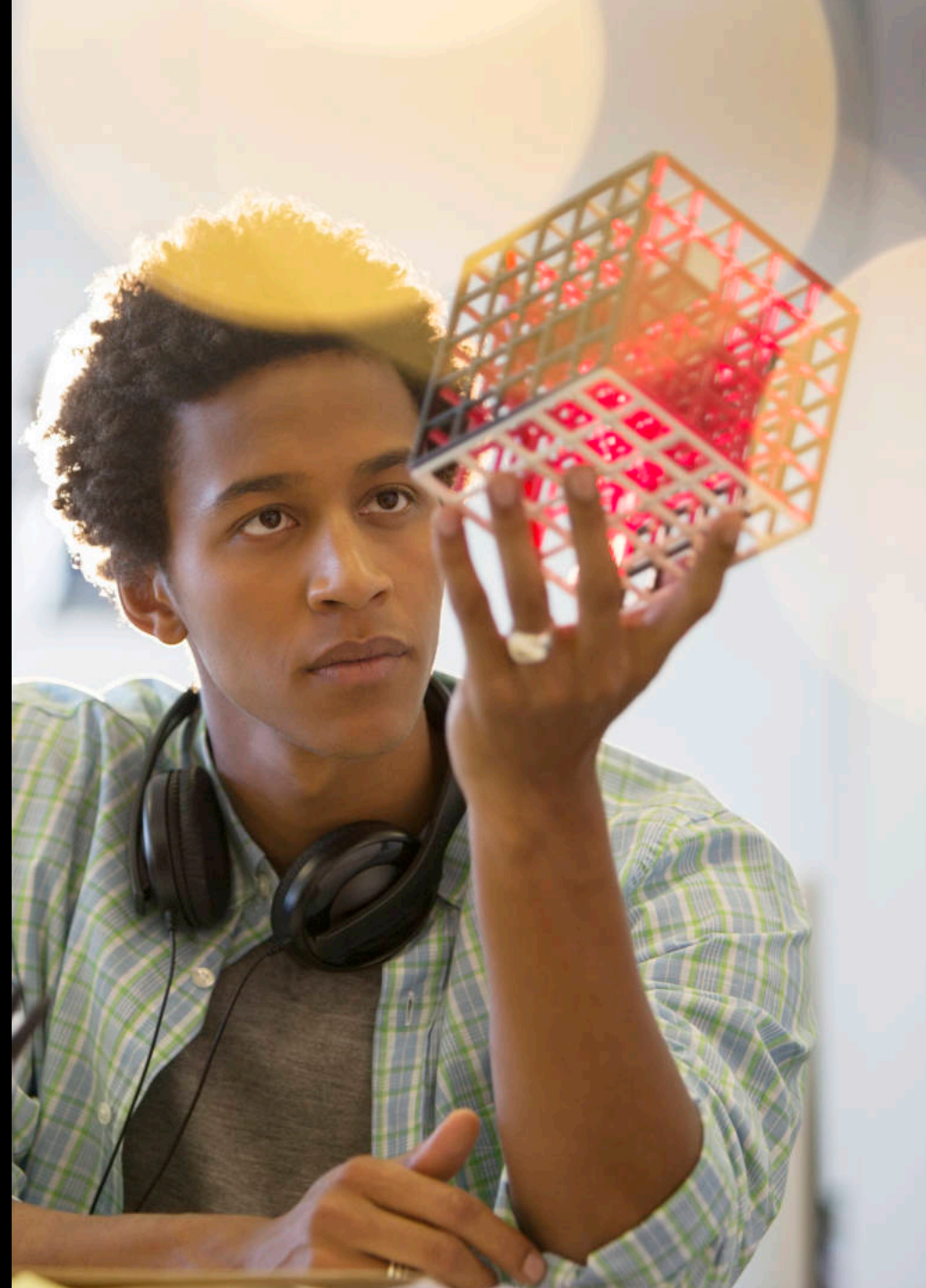
Process Visibility Plug & Play
Real-time Workflow Visibility with XM integration

Plug & Play Process Visibility with easy to configure dashboards and XM integration



Workflow Management is a coherent cloud service offering combining **Workflow, Business Rules, Process Visibility, Process Flexibility** and **Inbox**, complemented by **pre-built content packages**

SAP **Intelligent** Robotic Process Automation



Criteria for Selecting Processes for Automating with RPA

Manual & Repetitive



Consolidate and manipulate data from multiple data sources, e.g. MS Excel, vendor portal, SAP systems

High Volume



Handling process steps several times a day like copy & paste e.g. data migrations, approvals

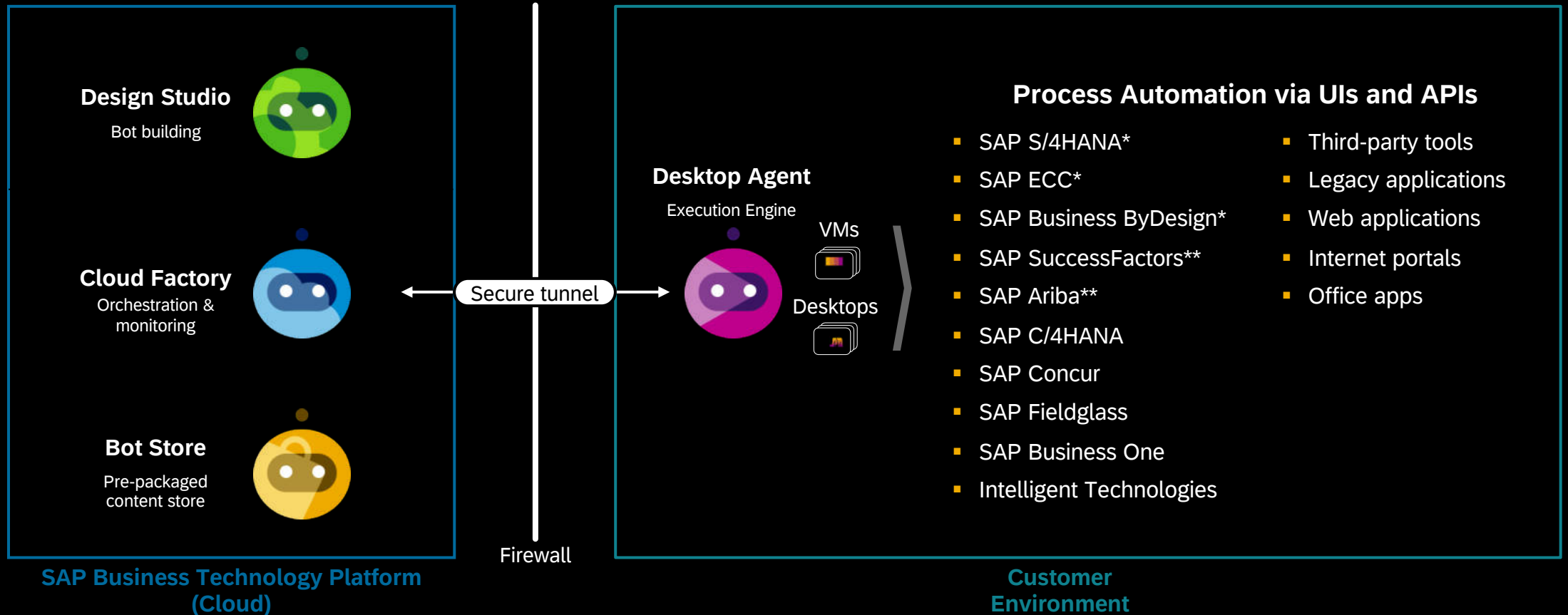
Multiple Systems



Access multiple applications during process execution, e.g. web application, ERP, non-SAP systems

SAP Intelligent RPA - Solution Overview

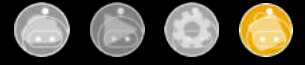
SAP Intelligent RPA






* prebuilt content available

** prebuilt content in the roadmap

Store



 **Welcome to the Intelligent RPA Store**

Filter By  

Beta

Application

- Microsoft Excel 4
- Microsoft Outlook 2
- SAP S/4HANA 27

Edition

- Cloud - Essentials Edition 22
- Cloud - Extended Edition 16
- On Premise 17


Category

- Accounts Management 1
- Development 20
- Financial and Logistic S... 42
- Procurement Managem... 22
- Production Operations 30
- Project Management 10
- Quality Management 1
- Trading and Sales 12


[Show Less](#)

Search...


Activate Communication Arrangements (4JB)
Automatically creates communication arrangements in SAP S/4HANA Cloud,essentials edition(ES)




Automated List of Ongoing Projects, Purchase Requisitions and Purchase Orders for Terminated Employees
Automatically fetches the projects, purchase requisitions and purchase orders associated to employees or contractors undergoing contract termination, in SAP S/4HANA Cloud essentials edition (ES)




Automated List of Terminated Employees (w/ SAP SuccessFactors Employee Central) (4P4)
Automated List of Terminated Employees is an unattended bot that fetches a list of employees whose contract is terminating within the time range defined, from SAP SuccessFactors Employee Central




Automated Project Execution for Project Based Services (4J1)
Automates the Repetitive tasks like Create/Update of work packages, assign/unassign work items of a project in SAP S/4HANA Cloud, essentials edition(ES)



Automated Update of Project Timeline (for Advanced Resource Management) (4TI)
Updates the project and work packages duration for projects in planning. Returns a report with the availability details of staffed resources for the extended period In Advanced Resource Management(1KC) on SAP S/4HANA Cloud,essentials edition(ES)



Automated Update of Project Timeline (for Basic Resource Management) (4R1)
Updates the project and work packages duration for projects in planning. Returns a report with the availability of staffed resources for the extended period. Applicable to Basic Resource Management (2MV) in SAP S/4HANA Cloud,essentials edition(ES)



Over 250 bots available

[→ Public Site](#)

The Forrester Wave™: Robotic Process Automation, Q1 2021

“SAP’s RPA solution is a strong alternative for SAP customers, particularly for enterprises concerned with bots disrupting core SAP systems and those usually needing the central SAP development team to design, develop, and maintain RPA for clear accountability, or for companies seeking a feature-rich RPA tool that comes with a broad ecosystem of partners.”

<https://news.sap.com/2021/03/forrester-rpa-solution-sap-strong-performer/>

SAP is at the heart of our customers' businesses across industries and geographies



Accelerating stewardship of the planet
by transforming the CAPEX journey



Streamlining account management
for end-to-end dealership transactions



Hewlett Packard
Enterprise

Empowering outstanding user experiences
in IT **with hyperautomation**

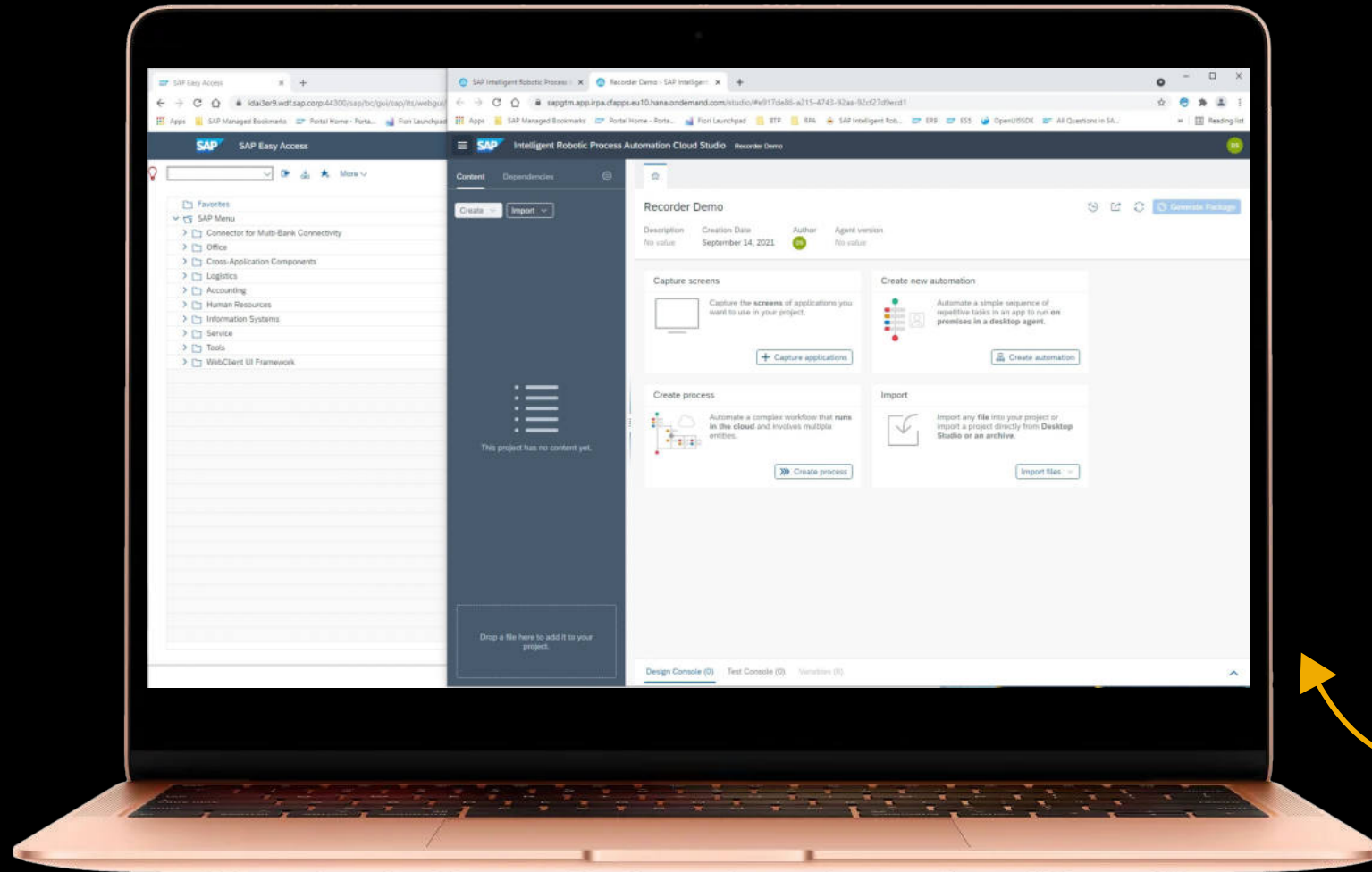


Achieving **zero touch order** process in
healthcare during **COVID-19**

A woman with curly hair, wearing a light-colored plaid shirt over a dark top, is sitting in an office. She is smiling and talking on a mobile phone held to her ear with her left hand. Her right hand is raised, balancing a yellow and purple ball on her index finger. The background shows a desk with a computer monitor, a pair of headphones, and framed pictures on the wall. The lighting is bright and warm, suggesting a sunny day.

DEMO

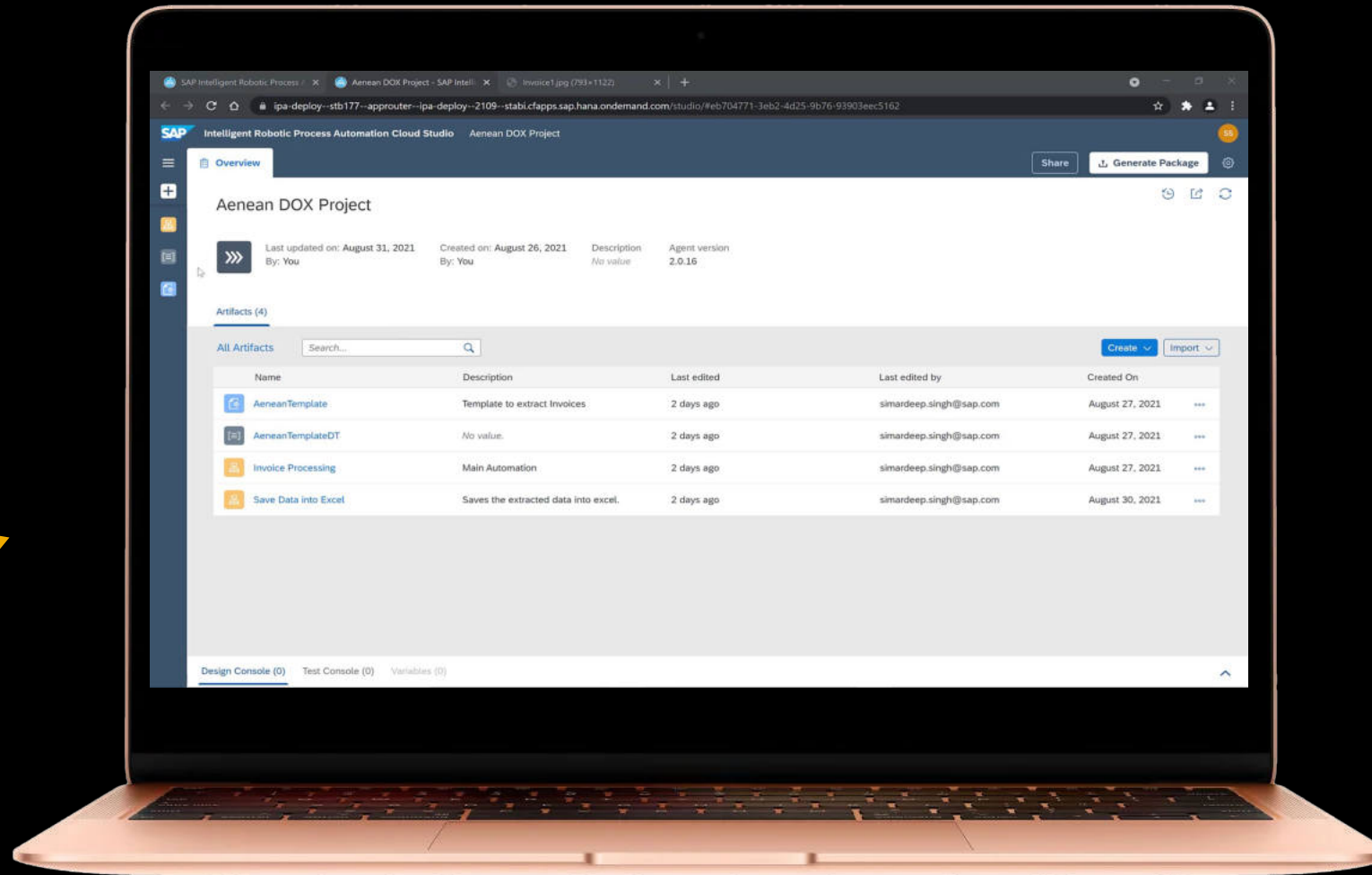
Rapid Development with Recorders for SAP GUI and SAP UI5



Rapid Development with Recorders for SAP GUI and SAP UI5

The image displays two browser windows side-by-side. The left window shows the SAP Easy Access portal with a navigation menu listing various business areas like SAP Menu, Office, and Logistics. The right window shows the SAP Intelligent Robotic Process Automation Cloud Studio Recorder Demo interface. This interface includes a header with the SAP logo and 'Intelligent Robotic Process Automation Cloud Studio Recorder Demo'. Below the header, there are tabs for 'Content' and 'Dependencies'. A table lists project details: Description (No value), Creation Date (September 14, 2021), Author (DS), and Agent version (No value). The main area contains four cards: 'Capture screens' (with a '+ Capture applications' button), 'Create new automation' (with a 'Create automation' button), 'Create process' (with a 'Create process' button), and 'Import' (with an 'Import files' dropdown). A footer bar shows 'Design Console (0)', 'Test Console (0)', and 'Variables (0)'. A large red arrow on the left points towards the Recorder Demo window.

Fully integrated Document Information Extraction service



Fully integrated Document Information Extraction service

The screenshot displays the SAP Intelligent Robotic Process Automation Cloud Studio interface for an 'Aenean DOX Project'. The top navigation bar includes the SAP logo, the text 'Intelligent Robotic Process Automation Cloud Studio', and the project name 'Aenean DOX Project'. On the right side of the header, there are buttons for 'Share' and 'Generate Package', along with a user profile icon.

The main content area is titled 'Aenean DOX Project' and features a metadata card with the following details:

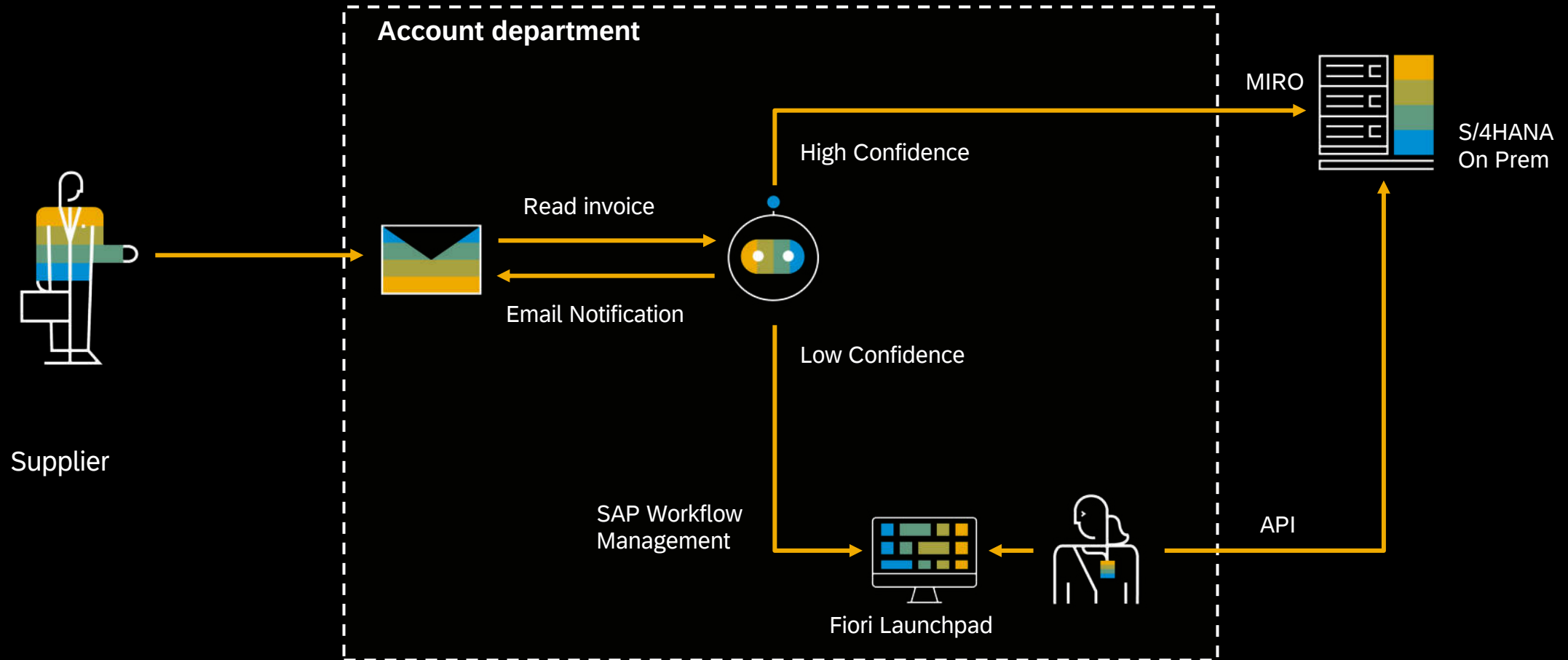
- Last updated on: August 31, 2021
- Created on: August 26, 2021
- Description: No value
- Agent version: 2.0.16

Below the metadata card, there is a section for 'Artifacts (4)'. It includes a search bar and two buttons: 'Create' and 'Import'. A table lists the artifacts with the following columns: Name, Description, Last edited, Last edited by, and Created On.

Name	Description	Last edited	Last edited by	Created On
AeneanTemplate	Template to extract Invoices	2 days ago	simardeep.singh@sap.com	August 27, 2021
AeneanTemplateDT	No value.	2 days ago	simardeep.singh@sap.com	August 27, 2021
Invoice Processing	Main Automation	2 days ago	simardeep.singh@sap.com	August 27, 2021
Save Data into Excel	Saves the extracted data into excel.	2 days ago	simardeep.singh@sap.com	August 30, 2021

At the bottom of the interface, there are tabs for 'Design Console (0)', 'Test Console (0)', and 'Variables (0)'. A blue arrow icon is visible in the bottom right corner.

Example: Invoice Extraction with confidence levels and human in the loop



Example Workflow Task

My Inbox

sdcpatformnextgencf.launchpad.cfapps.eu10.hana.ondemand.com/site?siteId=9e3c1486-9ad6-4946-9d46-1e...

SAP My Inbox

All Tasks (1)

Search

Invoice for PO – 4500398108
sb-clone-dab0e049-f... Medium

Verify DOX Data

Invoice for PO-4500398108

Total Amount: 300090
Upload date: 2021-03-04T02:16:14.506959+00:00

Header Information

documentDate: 2021-02-26

netAmount: 90

documentNumber: 466998

senderName: Company

receiverAddress: 100 Broadstreet

shippingAmount: 20

receiverName: sarahp

purchaseOrderNumber: 4500398108

currencyCode: USD

senderAddress: 100 Broadstreet 100

grossAmount: 110

Sender Address:
Duffin Cooper
100 Broadstreet Place
West, Westport, Pennsylvania, United States

Invoice To:
sarahp
100 Broadstreet
Place
Email: sarahp@duffincooper.com

DOCUMENT DATE: 2021-02-26T00:00:00.000

DOCUMENT NUMBER: 466998

PO NUMBER: 4500398108

CURRENCY CODE: USD

MATERIAL NO.	DESCRIPTION	QUANTITY	UNIT PRICE	LINE TOTAL
8009	Taxi (80)	1	90.00	90

	Amount
Nettotal	90
2.2% Sales Tax	18
Shipping	20
Total	110

Update Reject Show Log Claim

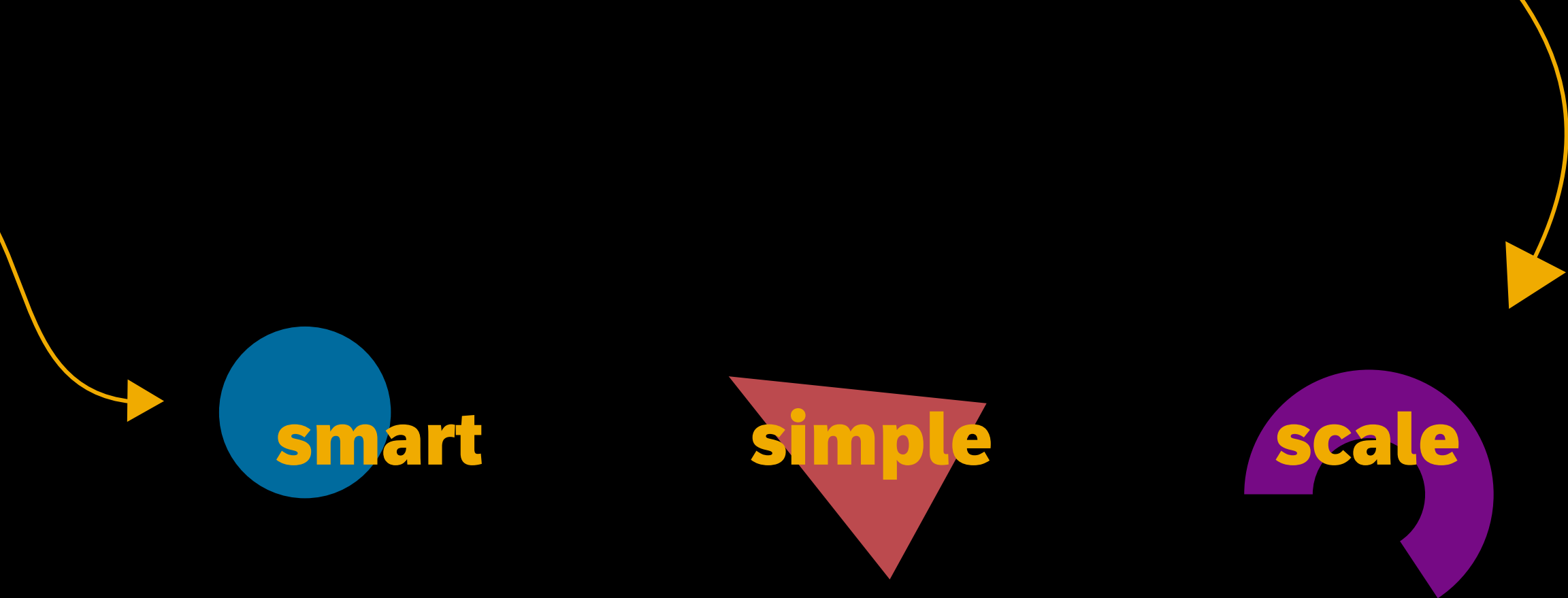
Connecting Business Technology Platform Services

Lead Creation with Conversational AI



Connecting Business Technology Platform Services Lead Creation with Conversational AI





SAP Business Process Intelligence

A holistic approach for a sustainable success

Get Started

Exchange and share knowledge

[SAP Community](#) | [Q&A](#) | [Blogs](#) | [Community Calls](#)

Learn more

sap.com/rpa

Try for free

[SAP Intelligent RPA-Trial](#)

Find FREE prebuilt bots

[SAP Intelligent RPA Bot Store](#)

SAP Intelligent RPA courses

[At openSAP.com](https://openSAP.com)



Feel free to connect with me at:

 dietmar.steinbichler@sap.com

 [@die_ste](https://twitter.com/die_ste)

 <https://se.linkedin.com/in/dieste>

