

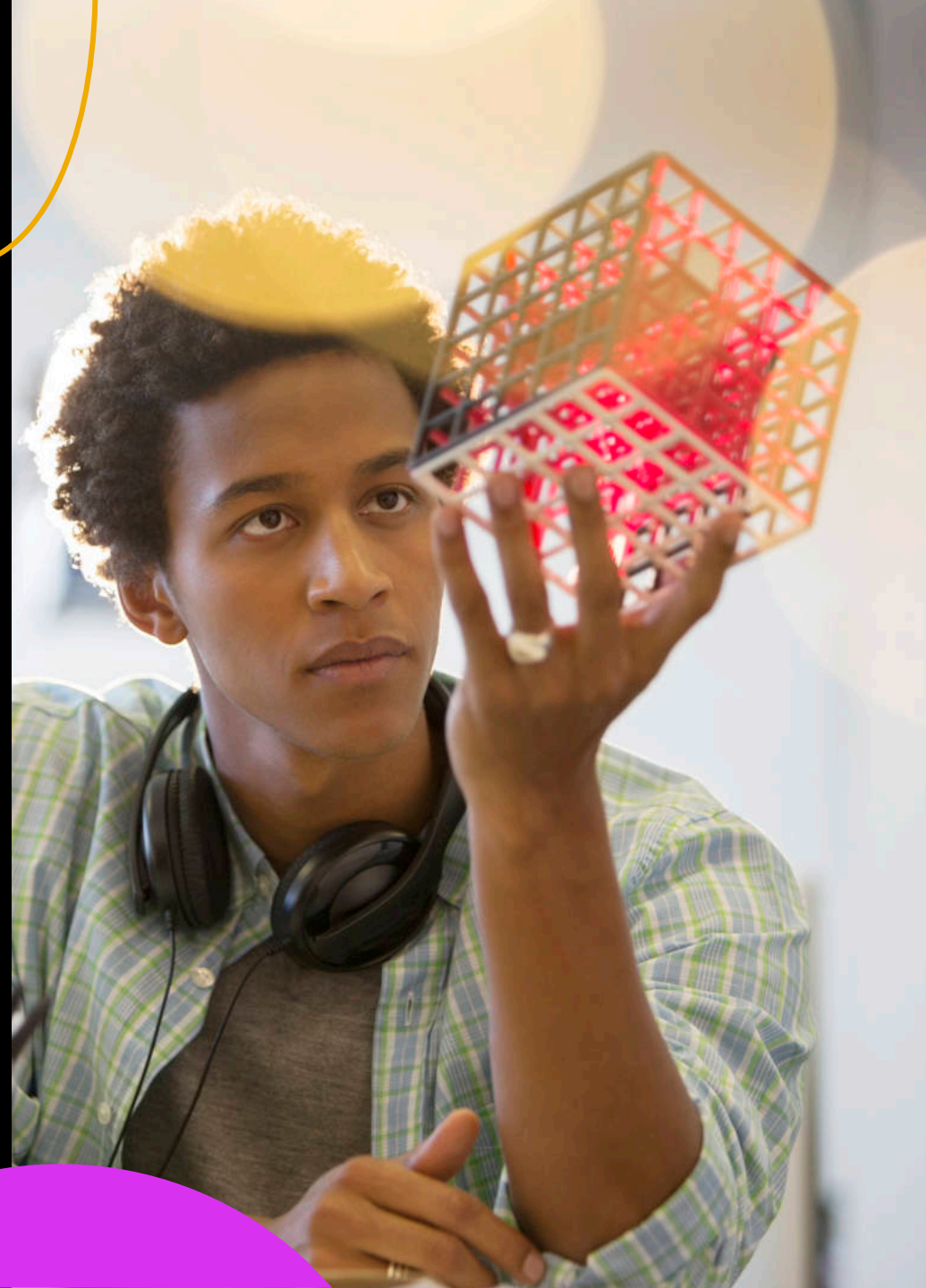
From Process Insights to Improvement with

SAP Intelligent RPA & SAP Workflow Management



Dietmar Steinbichler

Solution Management, SAP Intelligent RPA



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For all recent and planned innovations, potential data protection and privacy features include simplified deletion of personal data, reporting of personal data to an identified data subject, restricted access to personal data, masking of personal data, read access logging to special categories of personal data, change logging of personal data, and consent management mechanisms.



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



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.

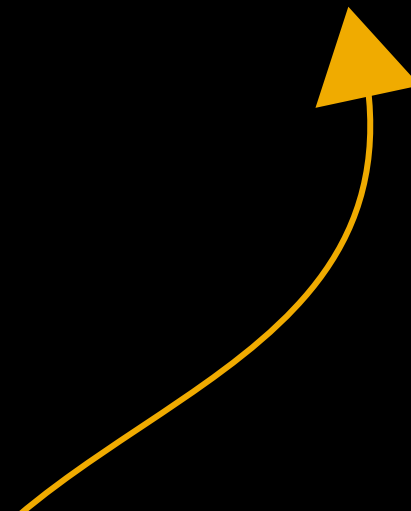
We help our customers **innovate** their Business Processes in an ever-changing world!





SAP Business Process Intelligence

A holistic approach for a sustainable success



Chat Bots

Process Mining

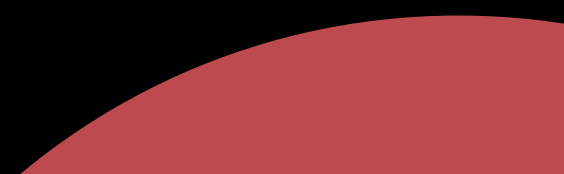
Robotic Process Automation

Artificial Intelligence Process Modelling

Workflow Management

Business Intelligence

Process Simulation



SAP Business Process Intelligence

A holistic approach for a sustainable success



smart

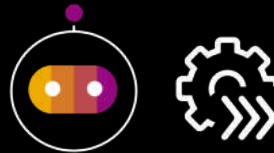
ANALYSE



DESIGN & SIMULATE



IMPROVE



ROLL-OUT & GOVERN



MONITOR



MODELS



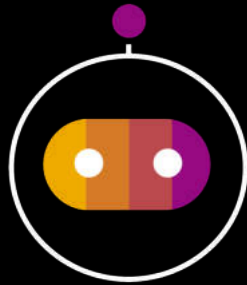
PEOPLE



DATA

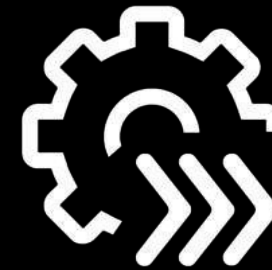
Boost Process Agility with Low Code/No Code Solutions

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



SAP Intelligent RPA

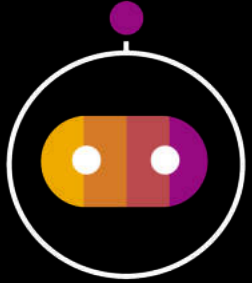
Automate tasks and replace repetitive tasks with digital workers



SAP Workflow Management

Create fully automated workflows for corporate processes

Start immediately without any additional costs



SAP Intelligent RPA



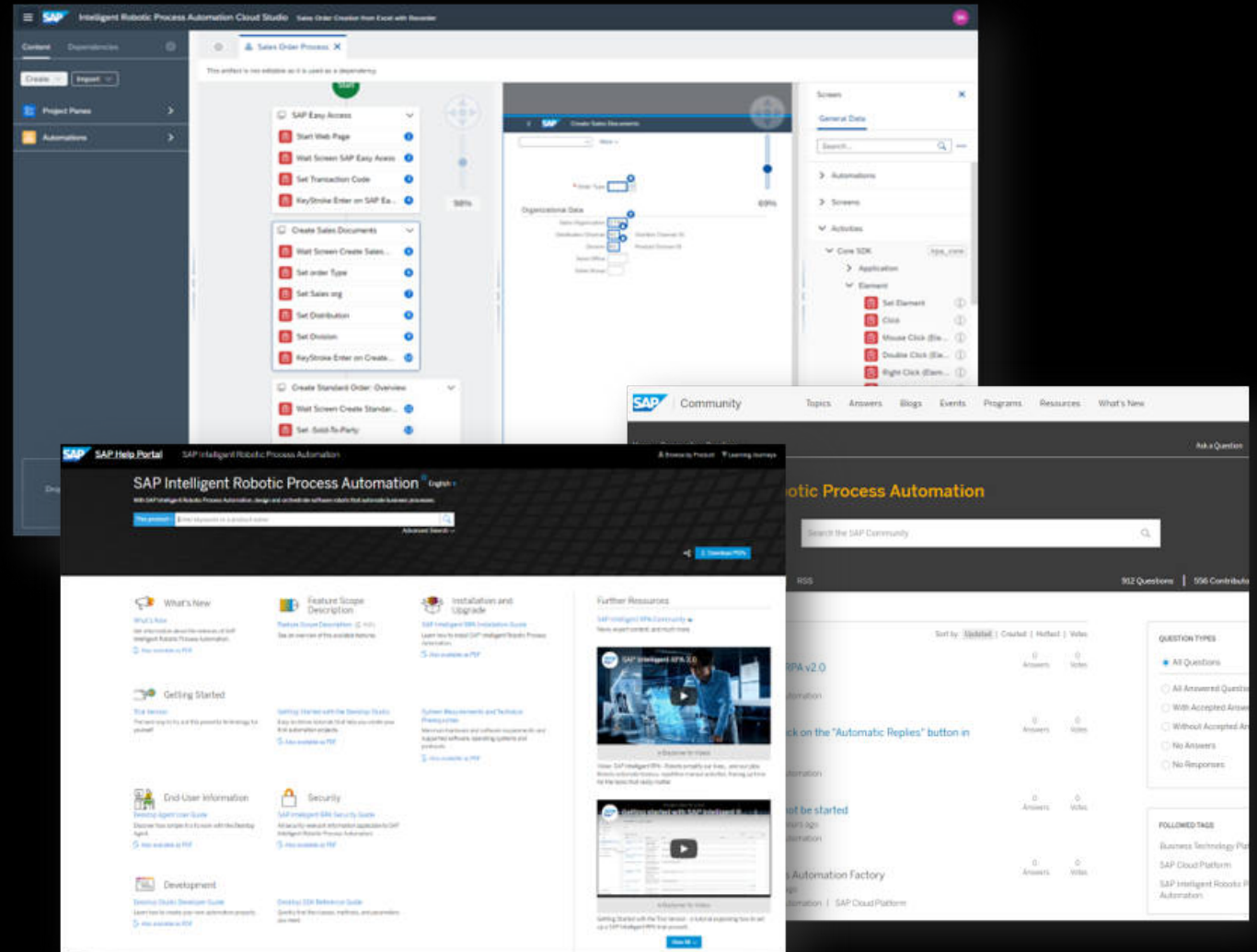
SAP Workflow Management

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

Low Code/No Code User Experience

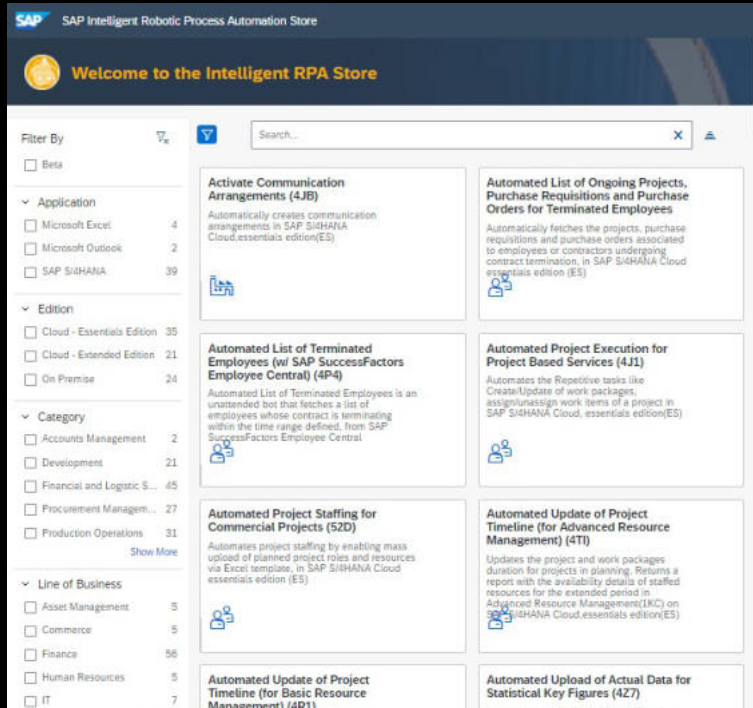
Simple browser-based building experience for citizen developers:

- 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



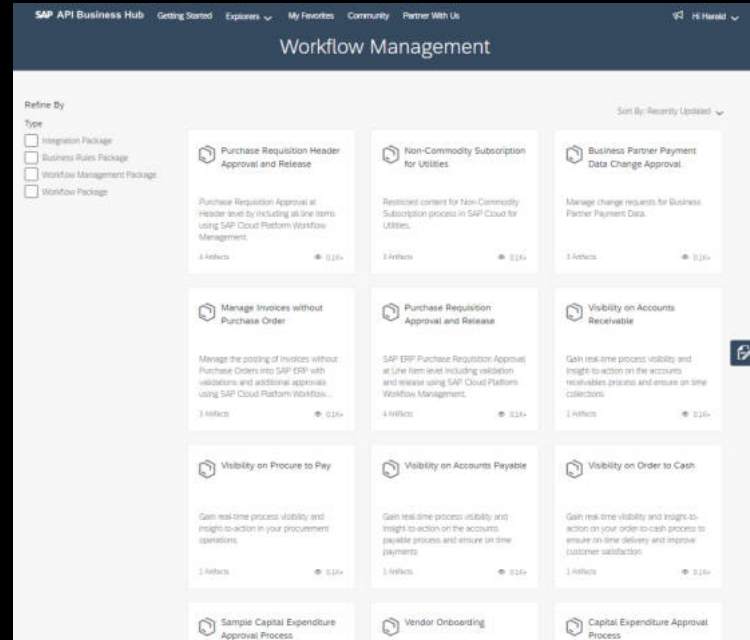
Deliver Outcomes Faster by Relying on Pre-built Content

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



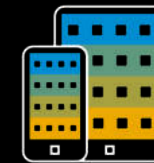
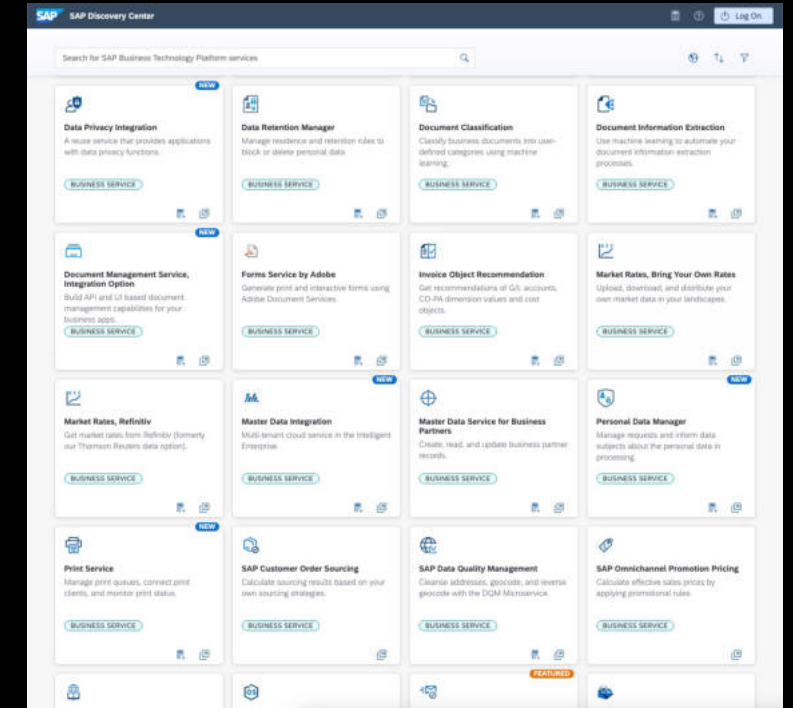
250+

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



40+

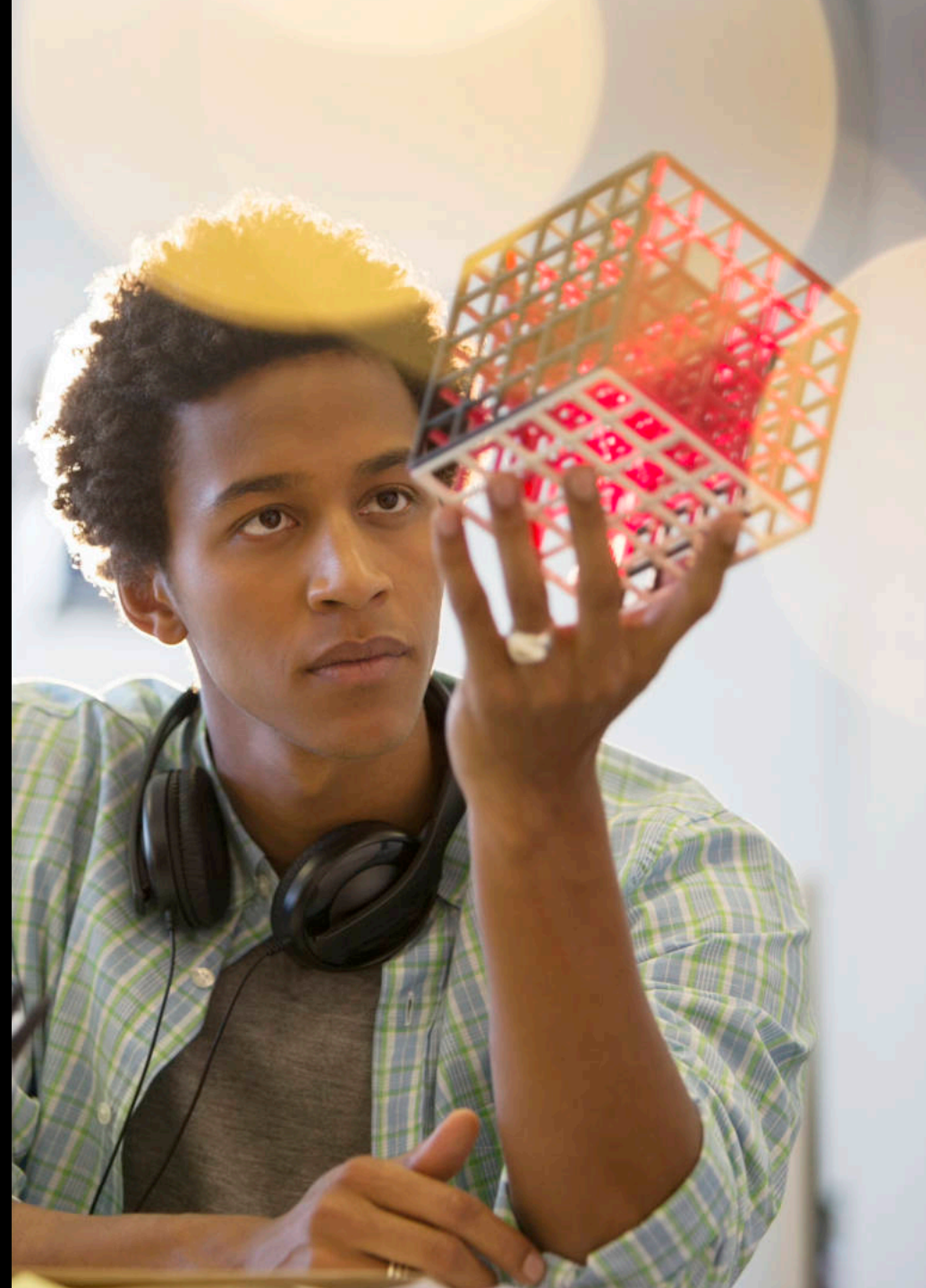
Live process [packages](#)



20+

Business [services](#)

SAP Workflow Management

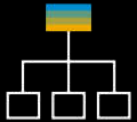


Digital Process Automation – SAP Workflow Management



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

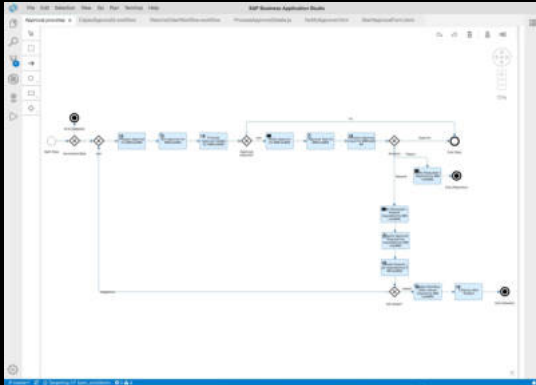


Tightly Integrated with:

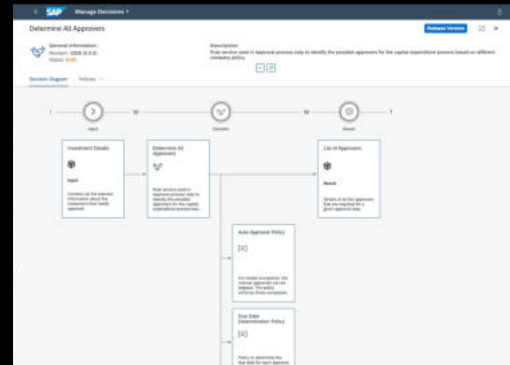
SAP Intelligent RPA
SAP Conversational AI

Overview of key capabilities

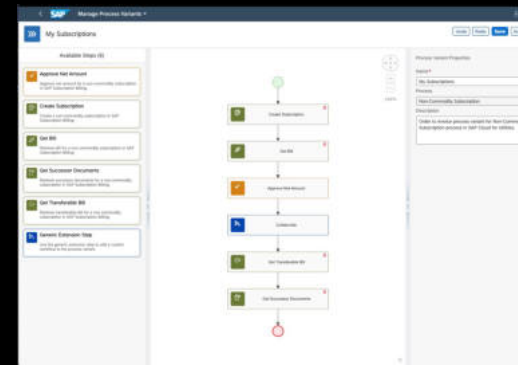
SAP Workflow Management



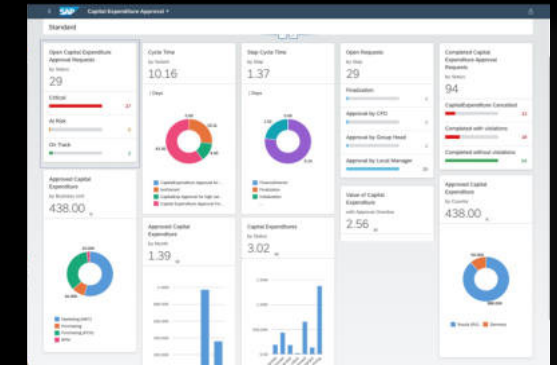
Workflow Editor (Low Code)
Application Workflow



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



Process Variant (No Code)
Configuration UI for Business Experts



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

Application developer focused
workflow modeling and process
automation

Integrated Business Rules
Management to deploy into
hybrid landscapes

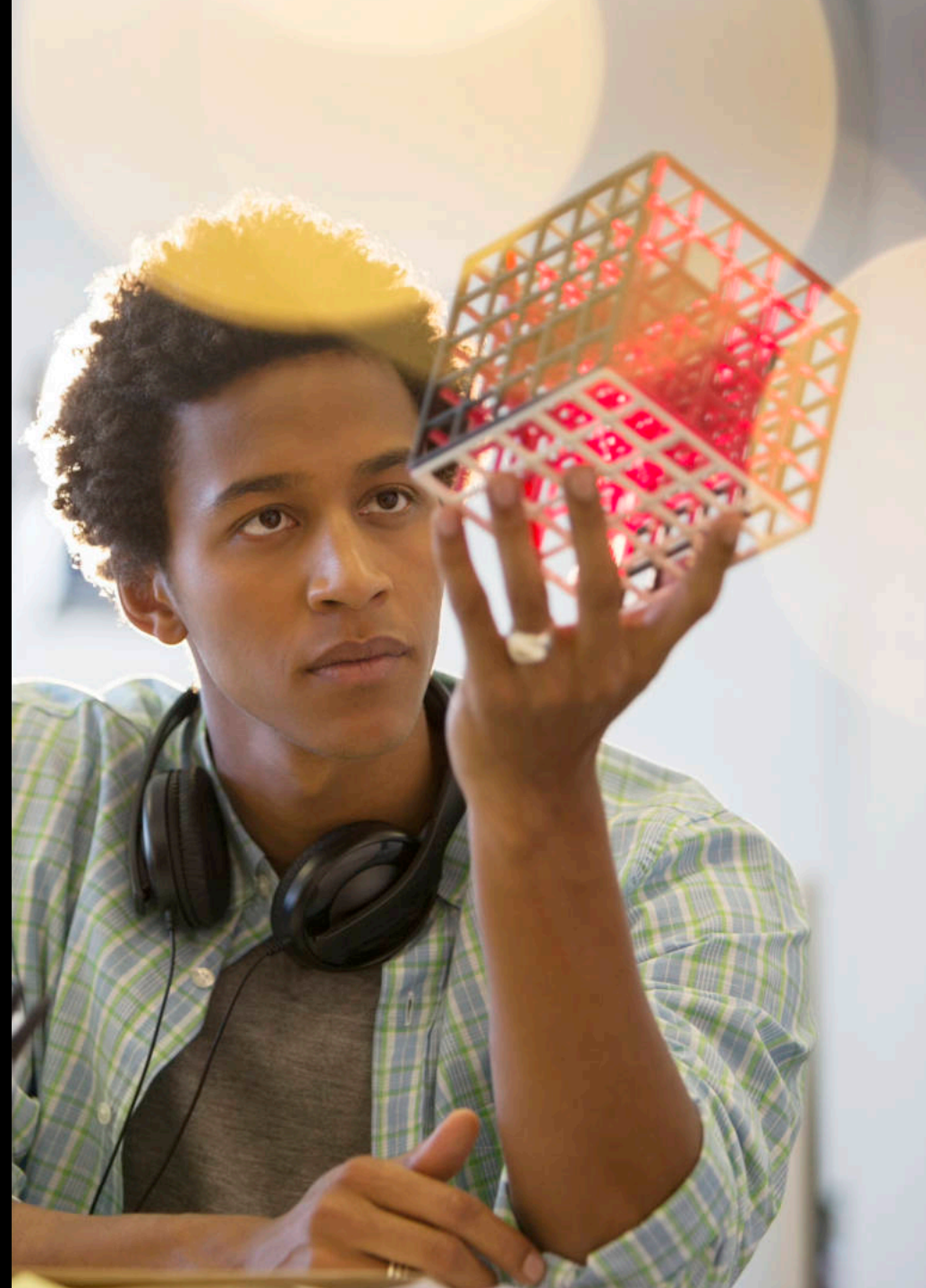
Process flexibility to configure
variants of processes with pre-
built content

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

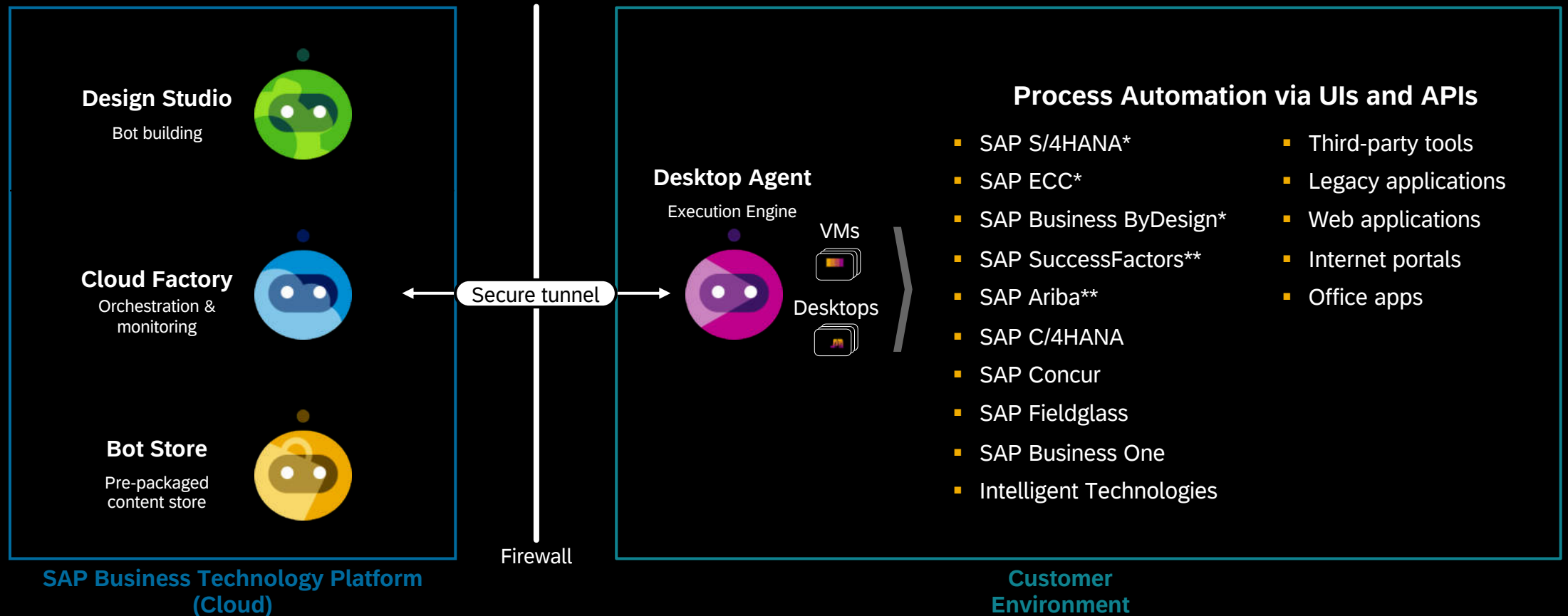
Multiple Systems



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



 **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...

X

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**

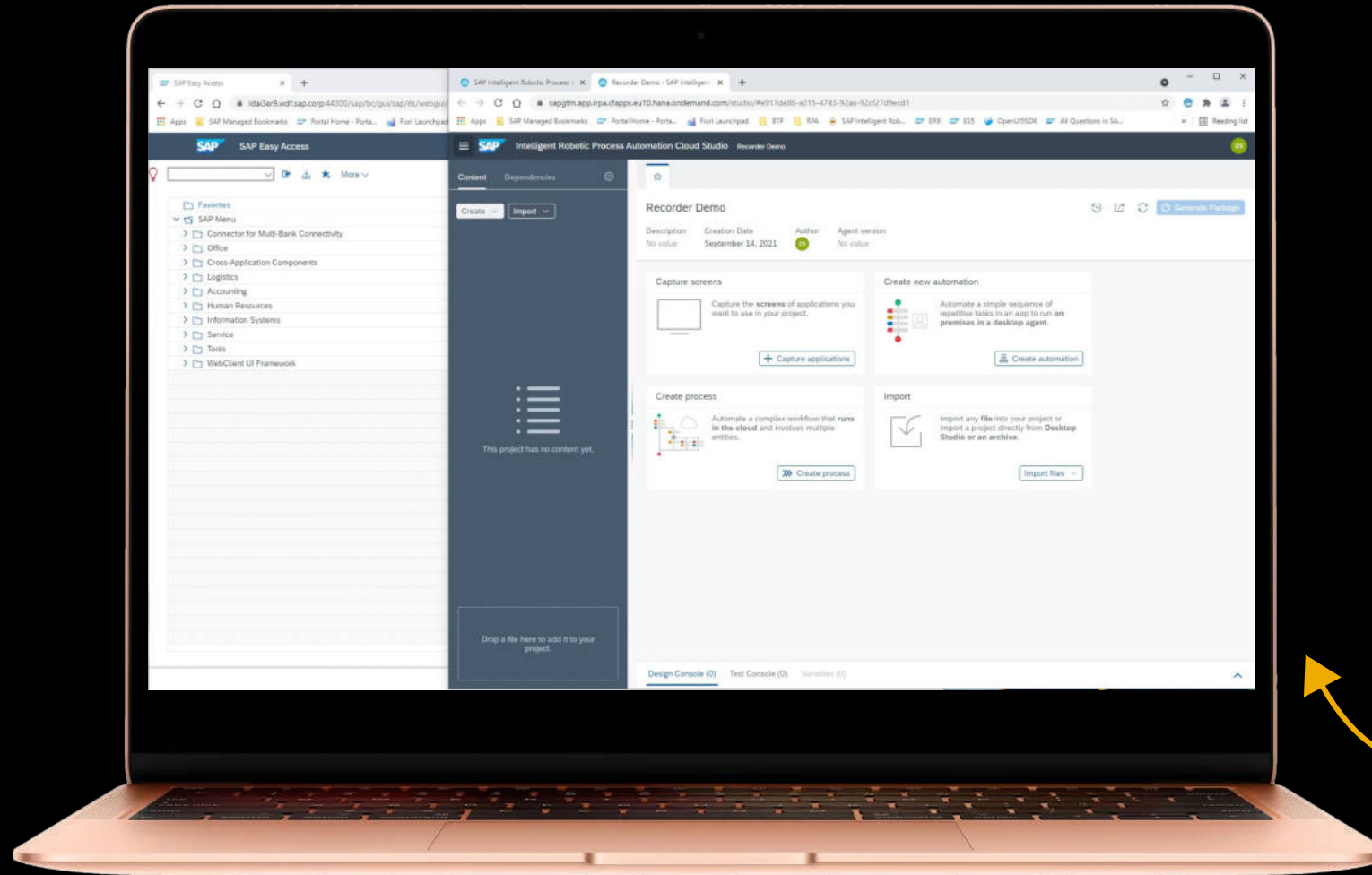


Achieving **zero touch order** process in
healthcare during **COVID-19**

A woman with curly hair, wearing a light blue and white plaid shirt over a grey top, is sitting in an office. She is smiling and looking up at a basketball balanced on her right index finger. She is holding a black smartphone to her left ear with her left hand. The background shows a bright office environment with a desk, a computer monitor, and framed pictures on the wall. A large, semi-transparent white rectangle is overlaid on the image, containing the word "DEMO" in bold black letters.

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 side-by-side browser windows. The left window shows the SAP Easy Access portal with a sidebar menu containing categories like SAP Menu, Connector for Multi-Bank Connectivity, Office, Cross-Application Components, Logistics, Accounting, Human Resources, Information Systems, Service, Tools, and WebClient UI Framework. The right window shows the SAP Intelligent Robotic Process Automation Cloud Studio interface for a 'Recorder Demo' project. The interface includes a 'Content' tab with 'Create' and 'Import' buttons, a 'Recorder Demo' header with a 'Generate Package' button, and four main action 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' button). A status bar at the bottom indicates 'Design Console (0)', 'Test Console (0)', and 'Variables (0)'.

SAP Easy Access

SAP Intelligent Robotic Process Automation Cloud Studio

Recorder Demo

Generate Package

Description: No value

Creation Date: September 14, 2021

Author: DS

Agent version: No value

Capture screens

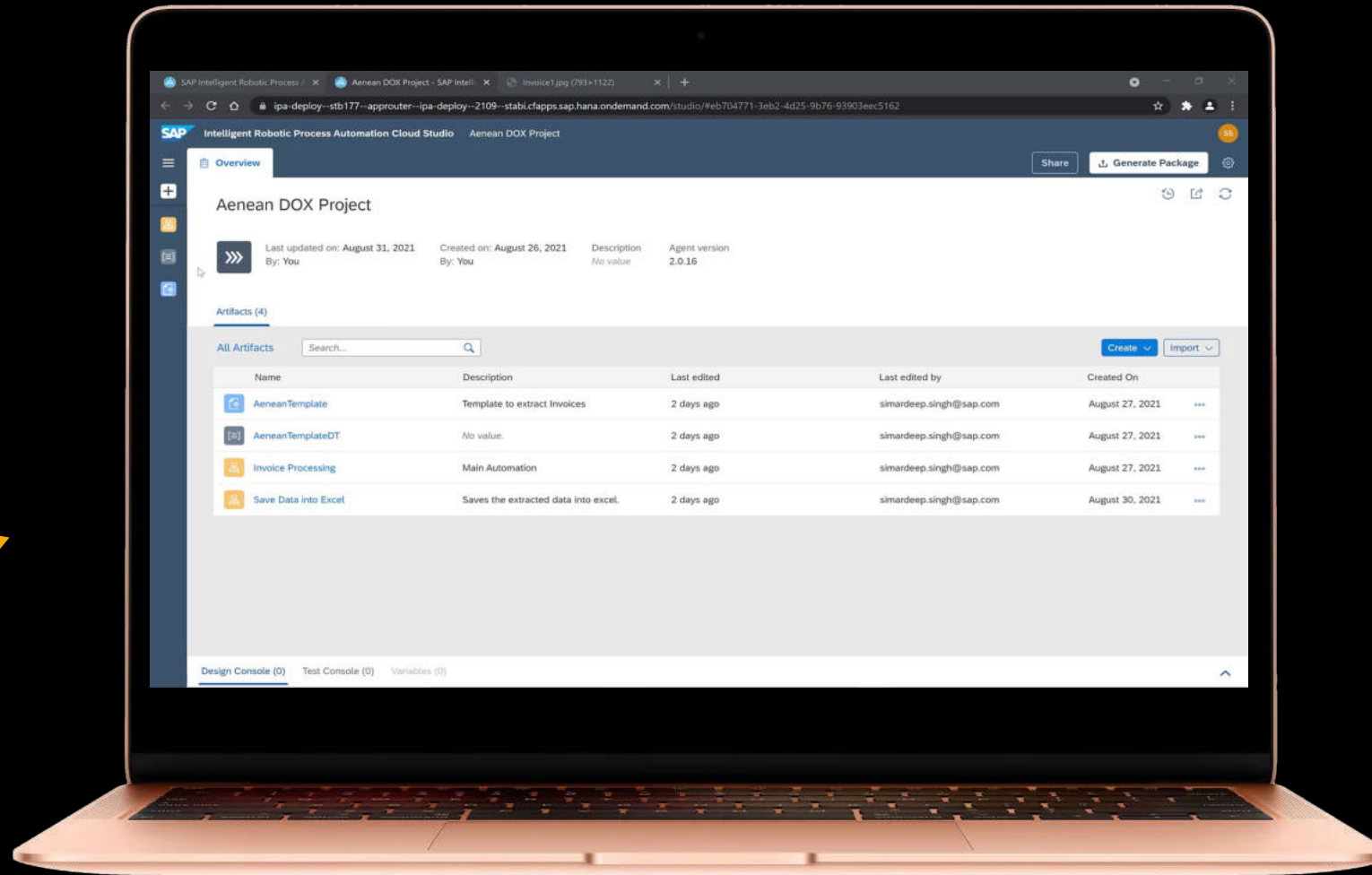
Create new automation

Create process

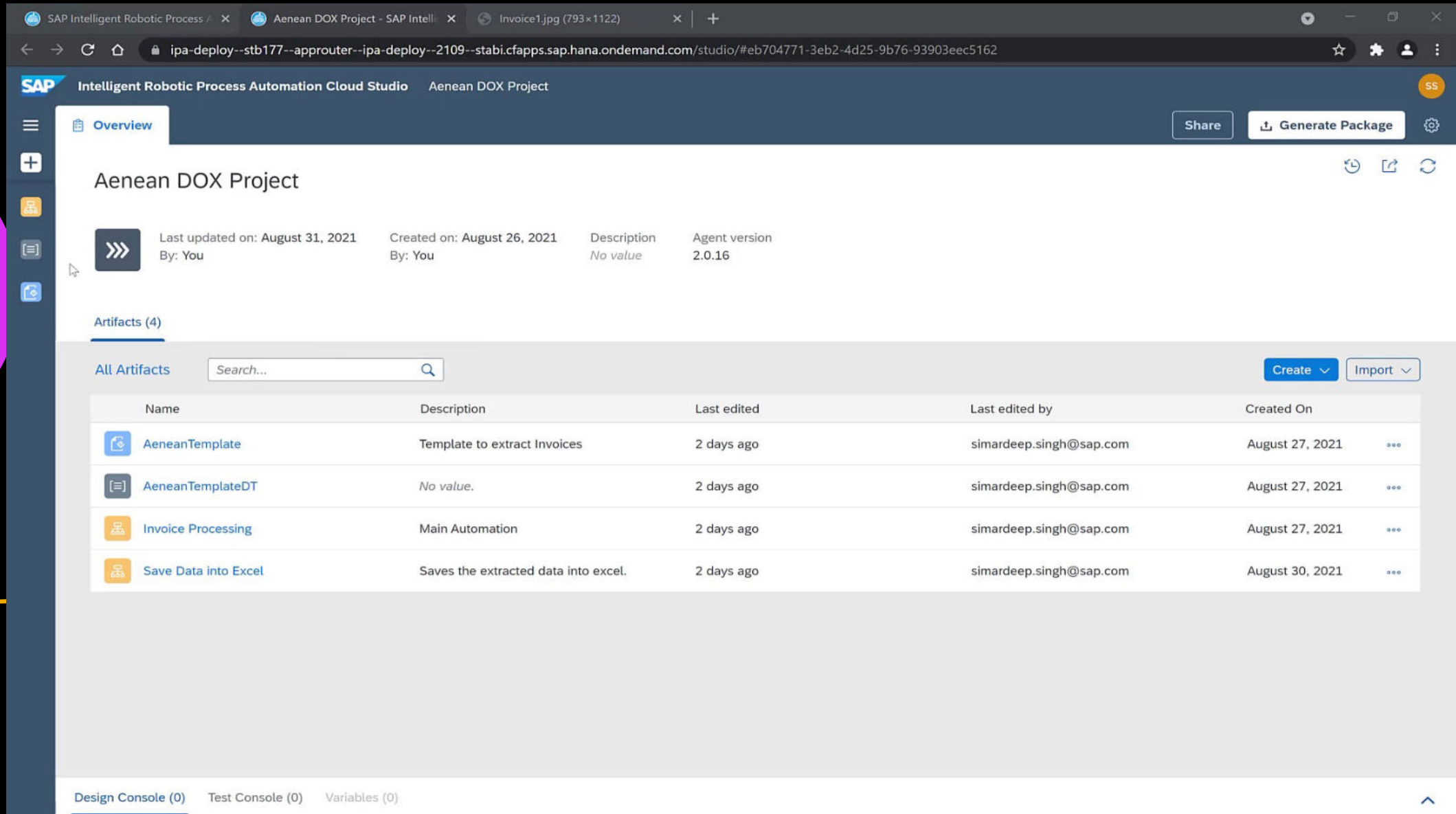
Import

Drop a file here to add it to your project.

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 the 'Aenean DOX Project'. The browser address bar shows the URL: `ipa-deploy--stb177--approuter--ipa-deploy--2109--stabi.cfapps.sap.hana.ondemand.com/studio/#eb704771-3eb2-4d25-9b76-93903eec5162`. The interface includes a sidebar with navigation icons and a top bar with 'Share' and 'Generate Package' buttons.

Aenean DOX Project Overview:

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

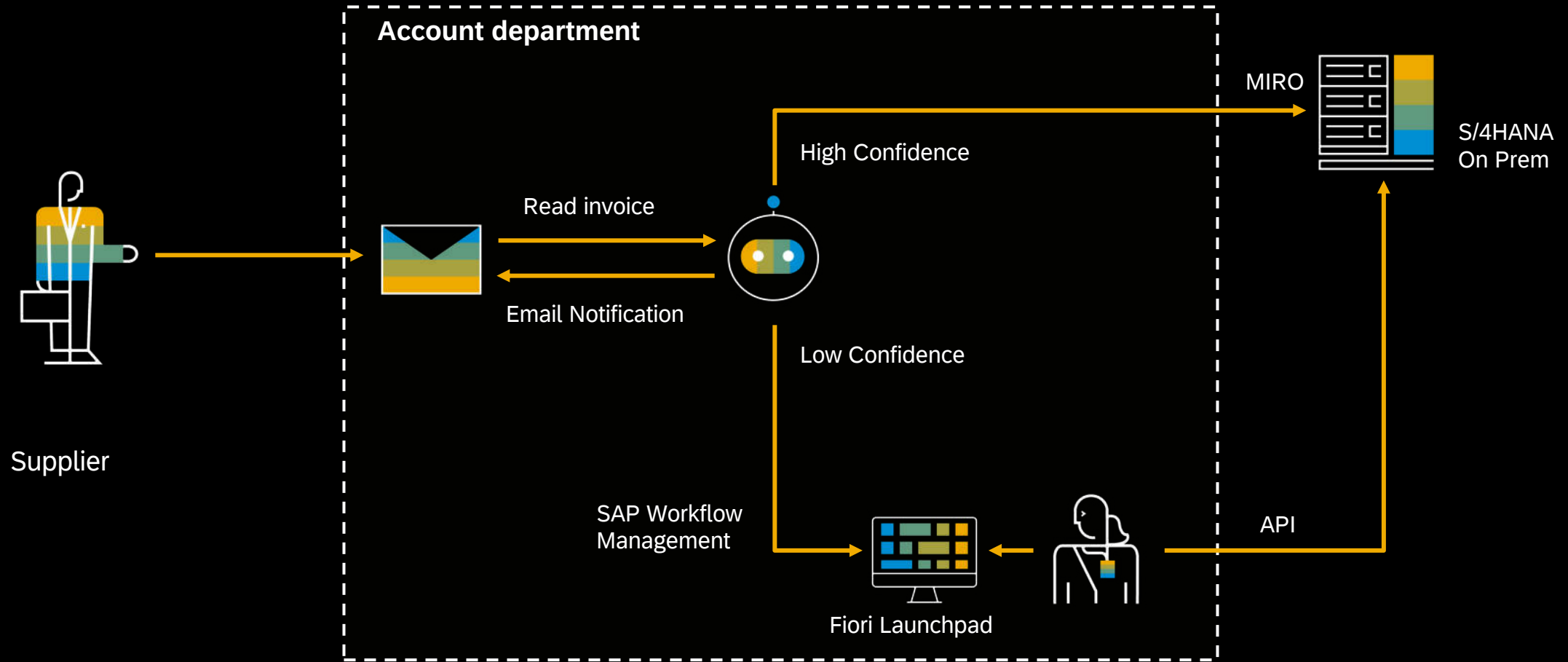
Artifacts (4)

All Artifacts Create Import

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

Design Console (0) Test Console (0) Variables (0)

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



Example Workflow Task

The screenshot shows the SAP My Inbox interface. On the left, a sidebar lists tasks under 'All Tasks (1)'. The main area displays a task titled 'Verify DOX Data' for an 'Invoice for PO- 4500398108'. The task details include the total amount (300090) and upload date (2021-03-04T02:16:14.506959+00:00). Below this, there is a preview of the invoice document. On the right, a 'Header Information' panel contains various fields for document details. At the bottom, there are buttons for 'Update', 'Reject', 'Show Log', and 'Claim'.

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

Invoice Details

Header Address:
Bosnia Company
100 Broadstreet Plaza
West, Michael, Pennsylvania, 15101

Invoice To:
worksp
100 Broadstreet
Plaza
West, Michael, Pennsylvania, 15101

DOCUMENT DATE: 2021-02-26T02:16:14.506959+00:00

DOCUMENT NUMBER: 466998

PO NUMBER: 4500398108

CURRENCY CODE: USD

MATERIAL NO.	DESCRIPTION	QUANTITY	UNIT PRICE	LINE TOTAL
8000	Taxi (800)	1	\$110.00	110

Nettotal	900
22% Sales Tax	90
Shipping	800
Total	800

Update Reject Show Log Claim

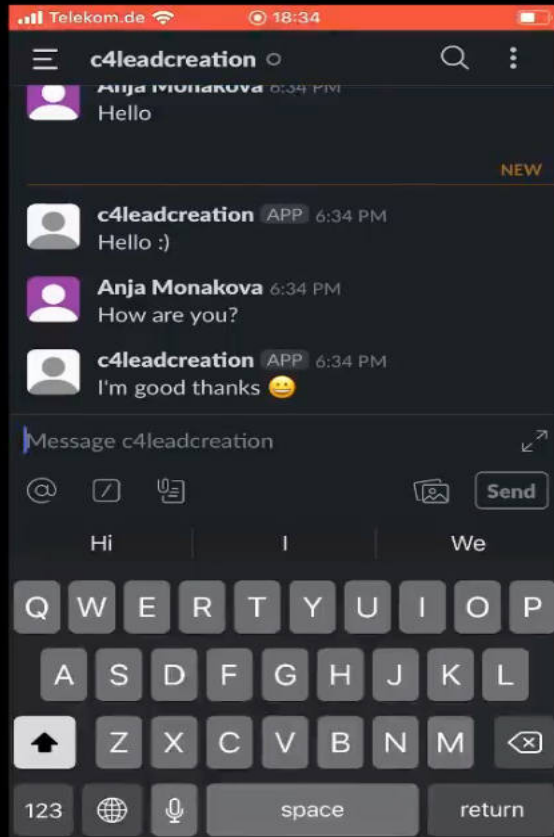
Connecting Business Technology Platform Services

Lead Creation with Conversational AI



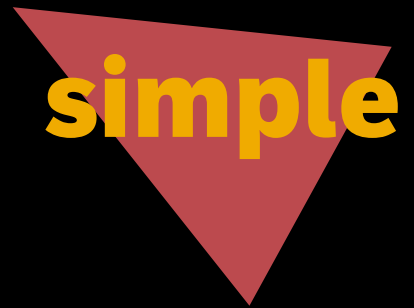
Connecting Business Technology Platform Services

Lead Creation with Conversational AI





smart



simple



scale

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Feel free to connect with me at:

 dietmar.steinbichler@sap.com

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

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

