

End-to-End Process Excellence

SAP Business Process Intelligence

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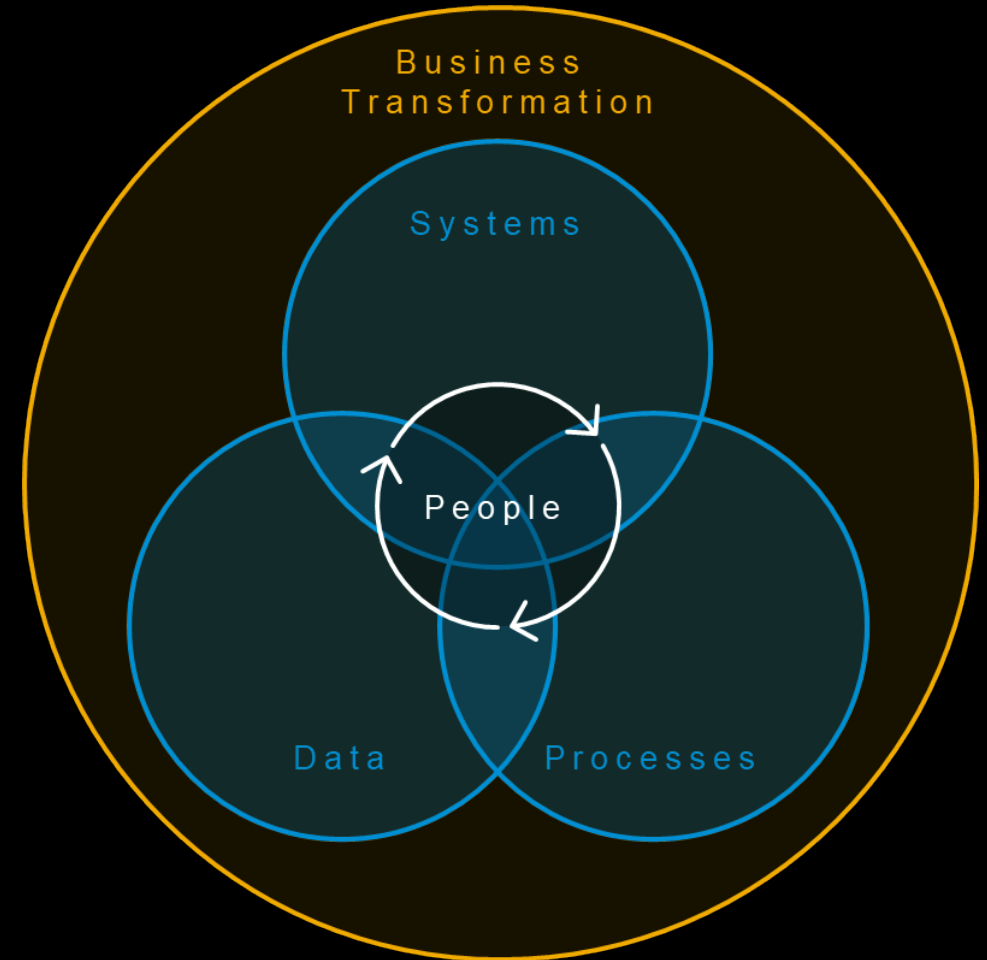
For all recent and planned innovations, potential data protection and privacy features include simplified deletion of personal data, reporting of personal data to an identified data subject, restricted access to personal data, masking of personal data, read access logging to special categories of personal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

Agenda

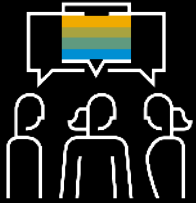
- SAP Business Process Intelligence Big Picture and Roadmap
- SAP Process Insights overview and demo
- SAP Signavio overview and demo
- BPI Improvement overview and demo
- Deep Dive Process Improvement
 - Demo RPA
 - Demo Workflow Management
- How to get started?

A successful business transformation must include the four key dimensions of an organization

Business transformation is about the **people** who
run and continuously innovate **business processes**
by taking advantage of intelligent enterprise **systems**
to process **data** intelligently.



Today's reality: A lack of collaboration and insight and hard-to-adjust IT landscapes hinder company transformation



Transformation projects fail for lack of buy-in by the people on the ground.



Reacting quickly is difficult because getting real-time insights is painful or even impossible.



Legacy IT slows down change because systems are scattered, and adjustments require major projects.



Decisions are made with low confidence because data is typically outdated and not harmonized.

Imagine:



Taking the right **data-driven business decisions**

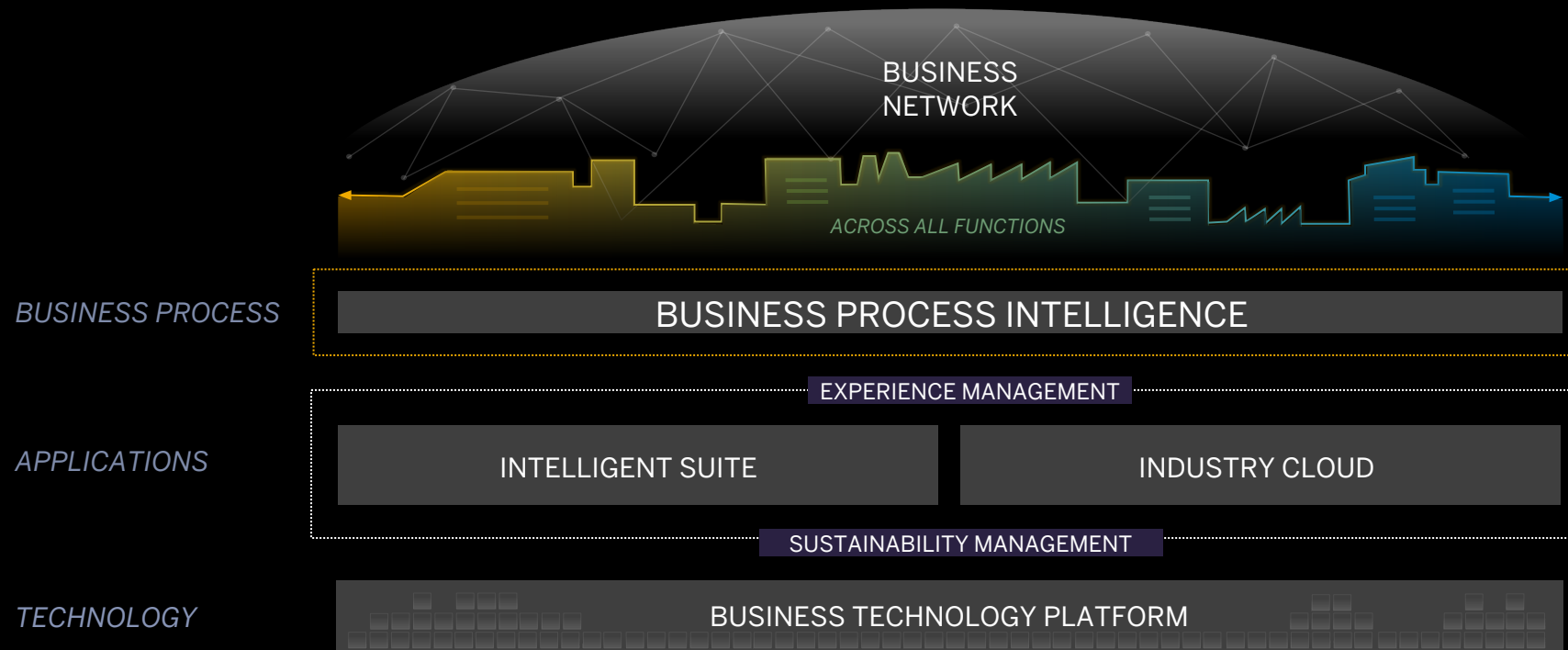
Having **full transparency** of your processes

Being able to align **business and IT** people

Transforming your business **predictably and safely**

All in one **end-to-end business transformation solution**

Re-think business processes with business process intelligence

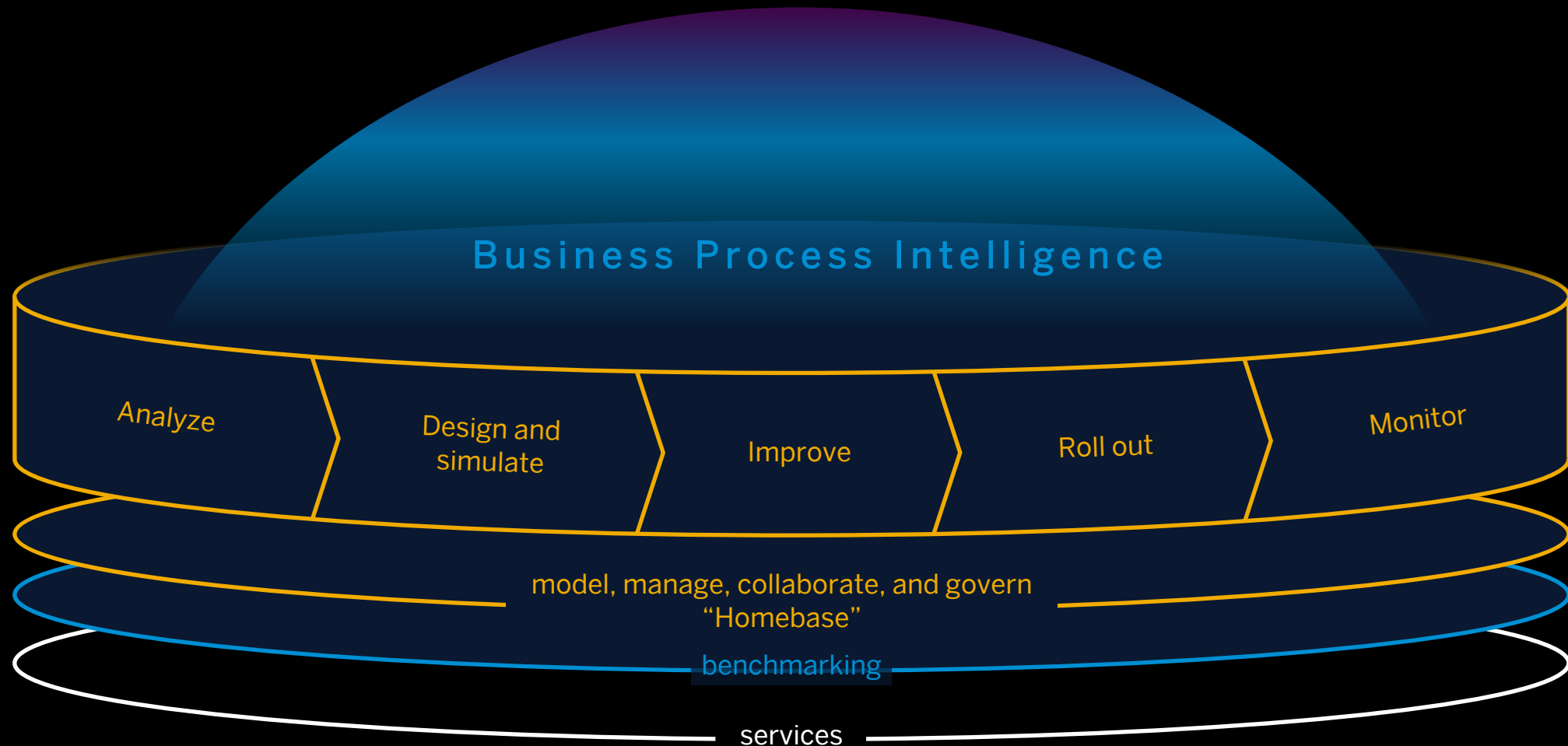


Business process intelligence (BPI) is about **understanding** customers activities and processes and helping to **transform** them

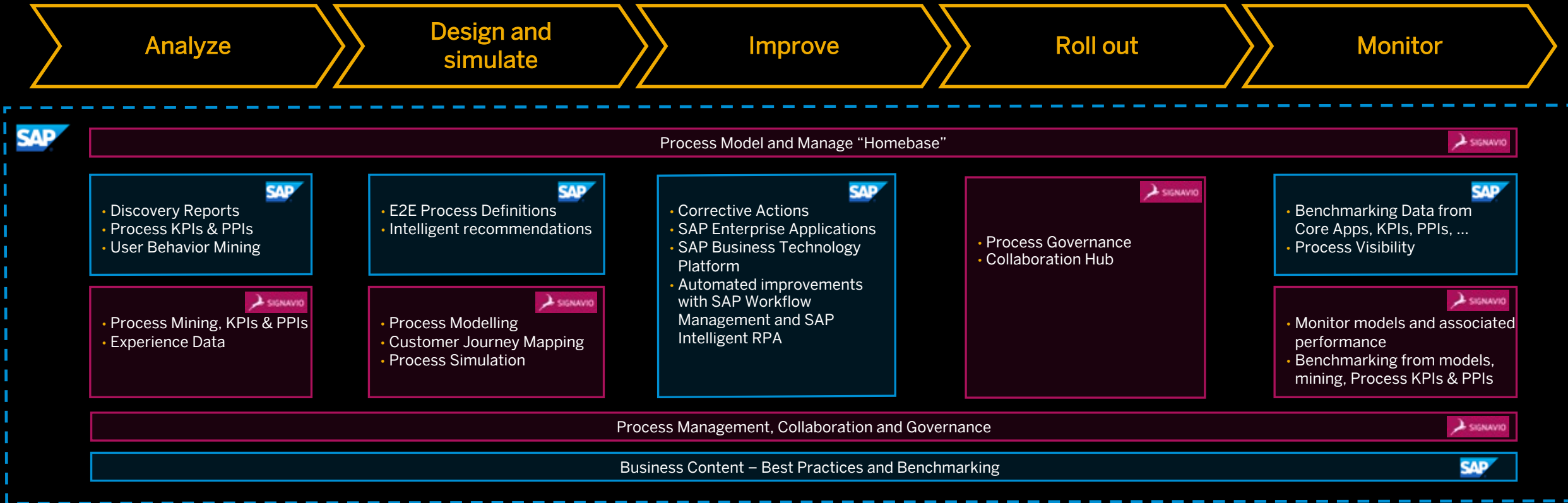
Accelerating the way to the **Intelligent Enterprise**



Business process intelligence (BPI) from SAP enables organizations to understand, innovate, and transform all their business processes continuously

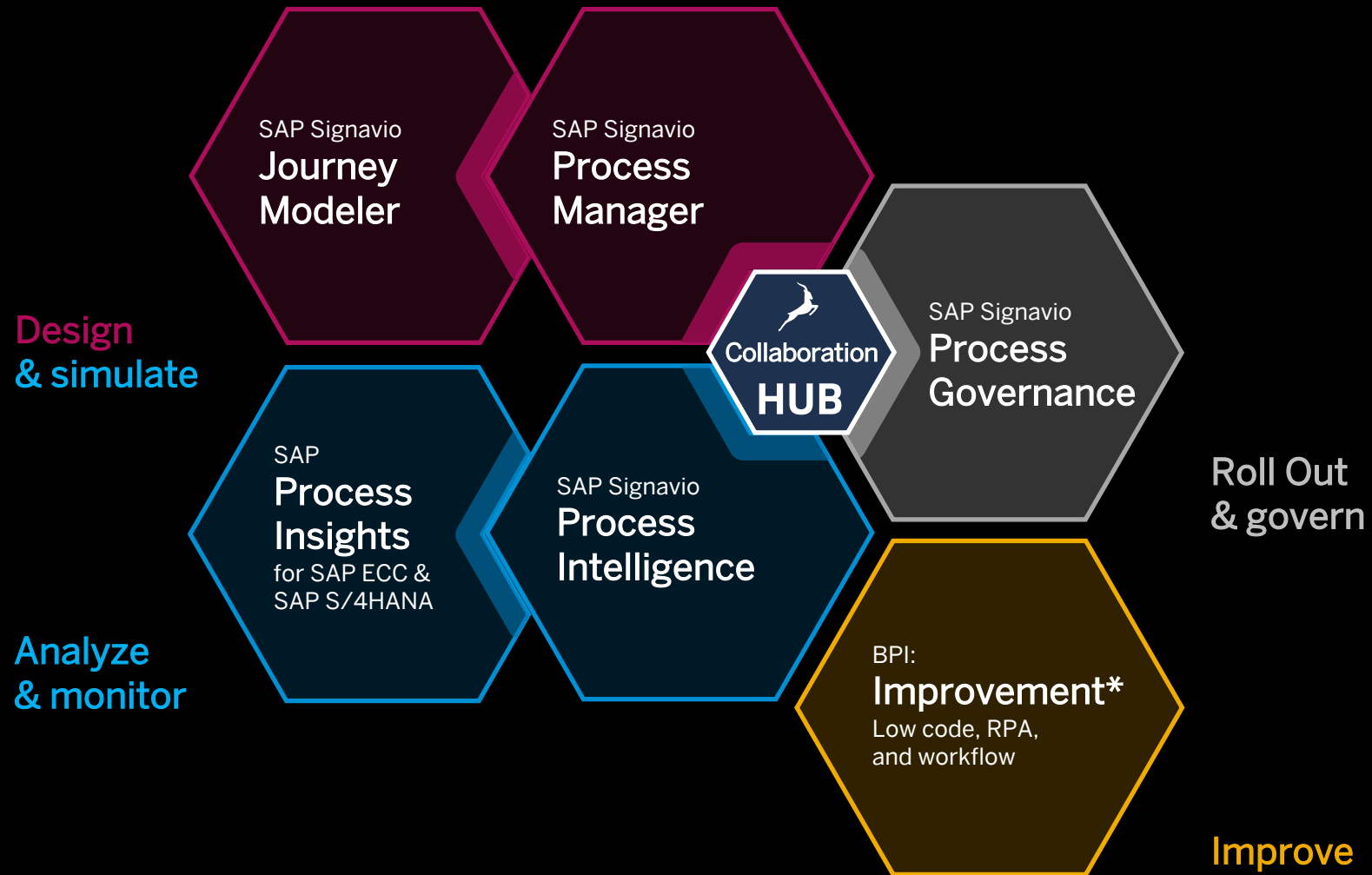


Business process intelligence offers all capabilities required to drive an end-to-end business transformation



By combining the products of *Signavio and SAP*, and associated services, organizations can drive **holistic end-to-end process transformations** to optimize their operations, improve customer excellence and put operational risks under control.

Business process intelligence is a **comprehensive transformation solution**



*Preliminary name, new solution planned for Q4/2021

Business process intelligence supports both enterprise transformation and process excellence initiatives

Business Transformation

- RISE with SAP
- Process standardization and simplification
- Process consolidation inc. shared services
- Equip for mergers and acquisitions
- Foundation for continuous improvement



IT Transformation

- Conversion to S/4HANA
- Return to standard code
- ERP consolidation
- Digital foundation

Enterprise Transformation

Process Excellence



Process focus

(to address a particular process area)

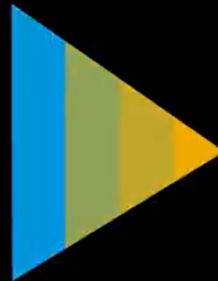
- Order to cash (O2C)
- Purchase to pay (P2P)
- Lean manufacturing
- Service management

Performance initiatives

(cross- or multi-functional)

- Customer excellence (service, sales orders, distribution, sentiment, etc.)
- Cost reduction (procurement, plant floor, etc.)
- Governance, risk, and compliance

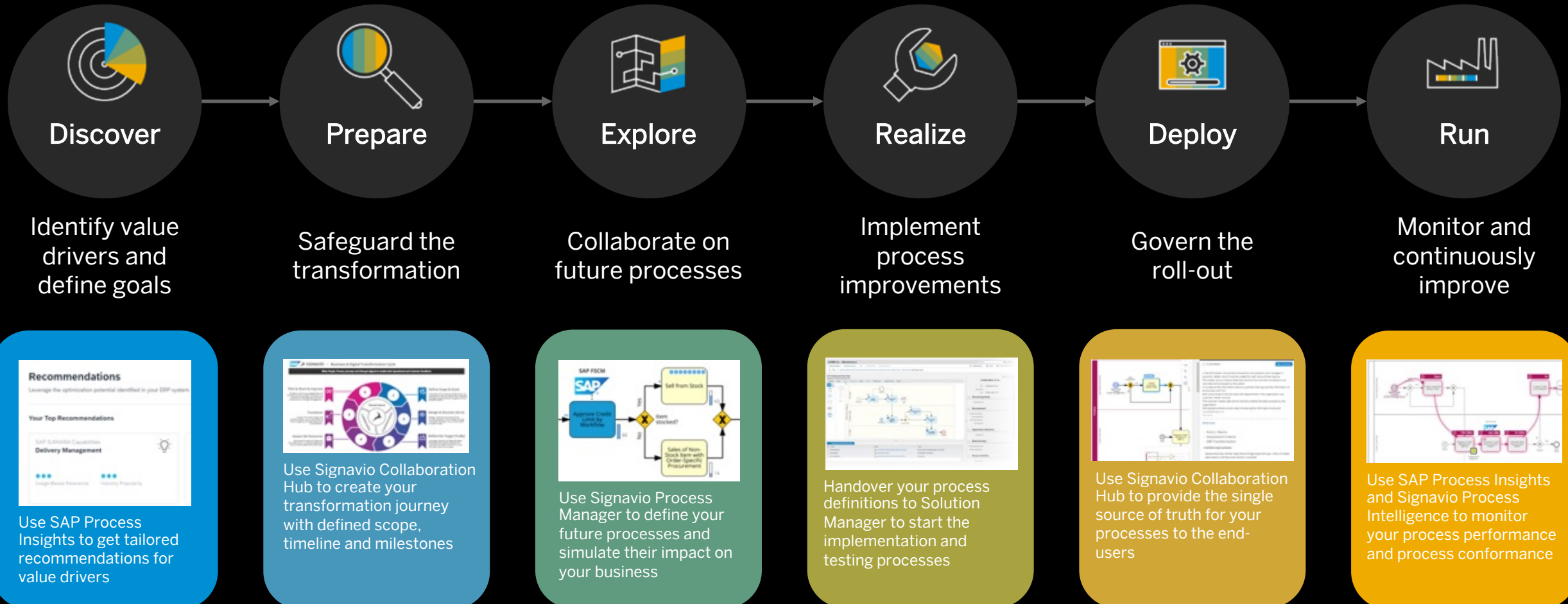
Demo: Drive Global Process Harmonization & Innovation



Click to watch the video

[\(link\)](#)

We guide you through your SAP S/4HANA transformation based on **SAP Activate**



Business process intelligence is an end-to-end transformation solution

Collaboration hub

Enable insights
consumption and
enterprise collaboration



Capture, document,
compare, and
simulate your
process portfolio,
design customer
journeys

SAP Signavio
**Journey
Modeler**

SAP Signavio
**Process
Manager**



SAP Signavio
**Process
Governance**

SAP Signavio
**Process
Governance
Collaborator**

Leverage a human-centric workflow
engine to execute tasks and enable
your integrated governance

Embrace a data-driven
approach to discover,
analyze, and mine your
end-to-end processes

SAP
**Process
Insights**
for SAP ECC &
SAP S/4HANA

SAP Signavio
**Process
Intelligence**

BPI
Improvement
Low code, RPA,
and workflow

Repair and enhance processes to
improve effectiveness and efficiency, and
improve business user productivity

Locate and prioritize
process improvement
potential for specific SAP
systems

SAP Process **Insights**

SAP

Process Insights

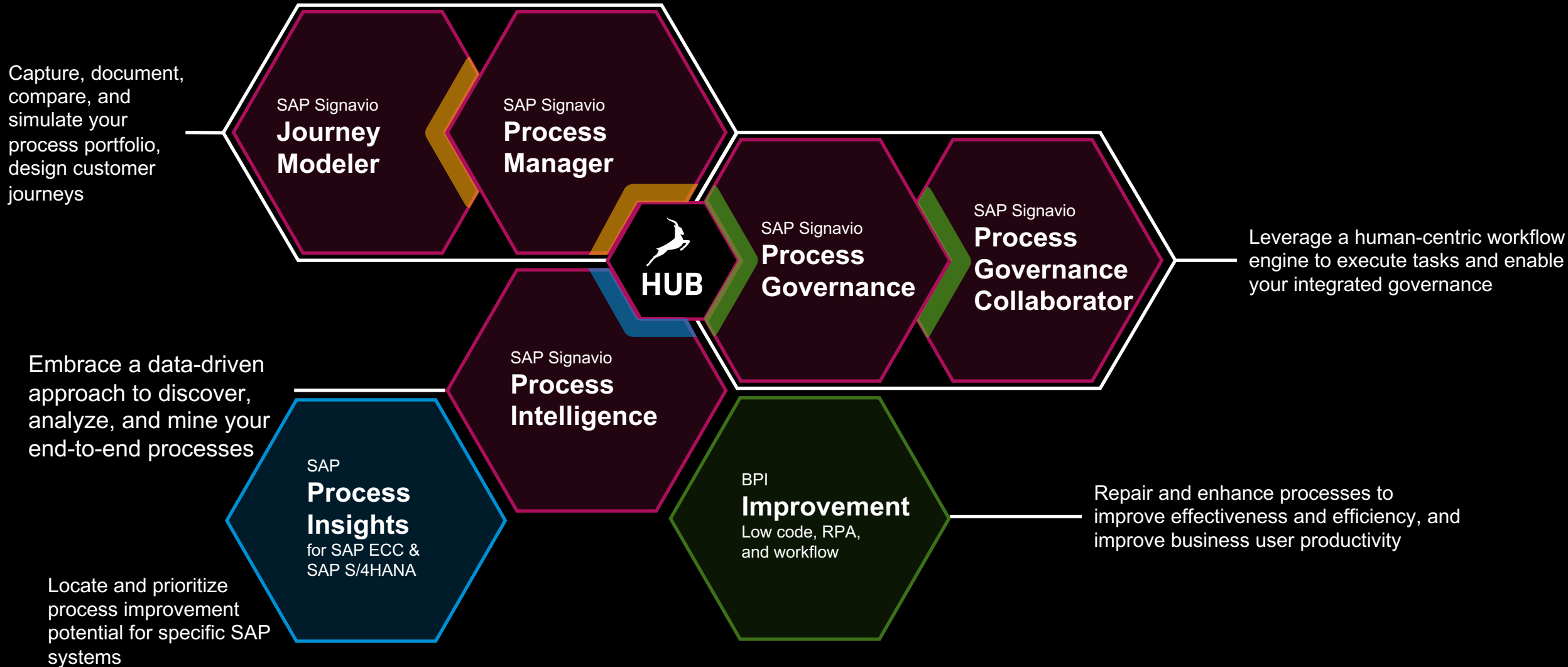
for SAP ECC &
SAP S/4HANA



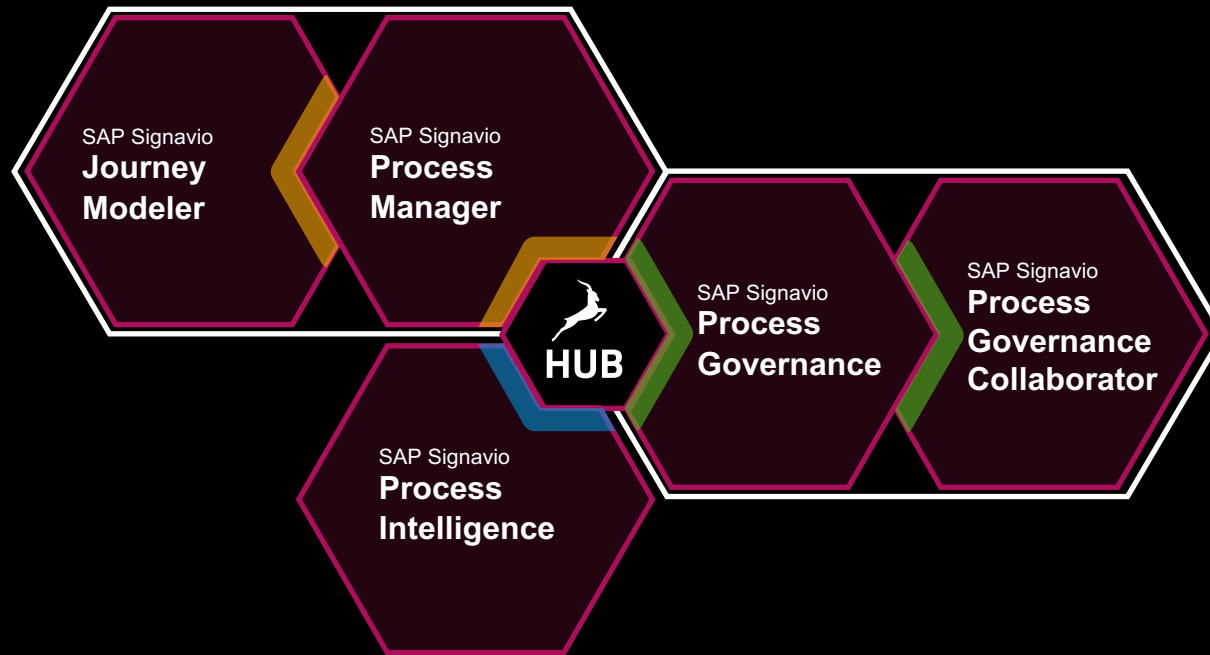
Business process intelligence is an end-to-end transformation solution

Collaboration hub

Enable insights
consumption and
enterprise collaboration

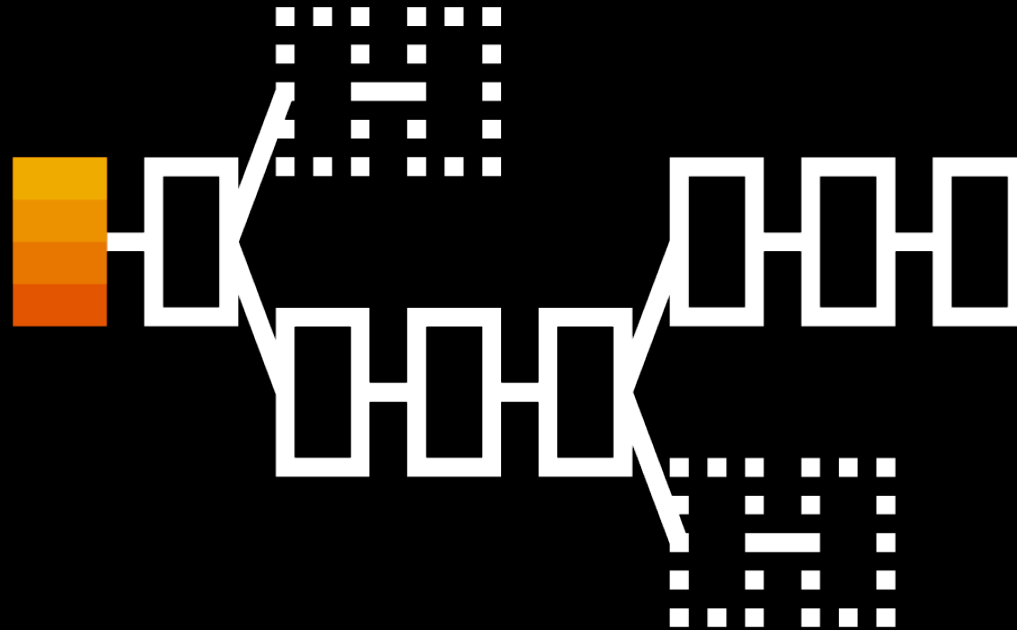


SAP Signavio

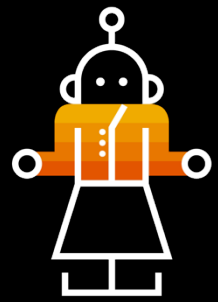
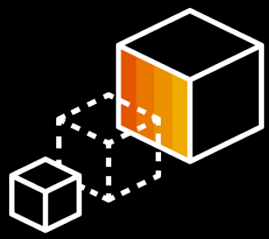


SAP® Signavio

SAP® Signavio is a **cloud-based process management platform** that gives users the ability **understand, improve and transform** all of their business processes - fast and at scale.



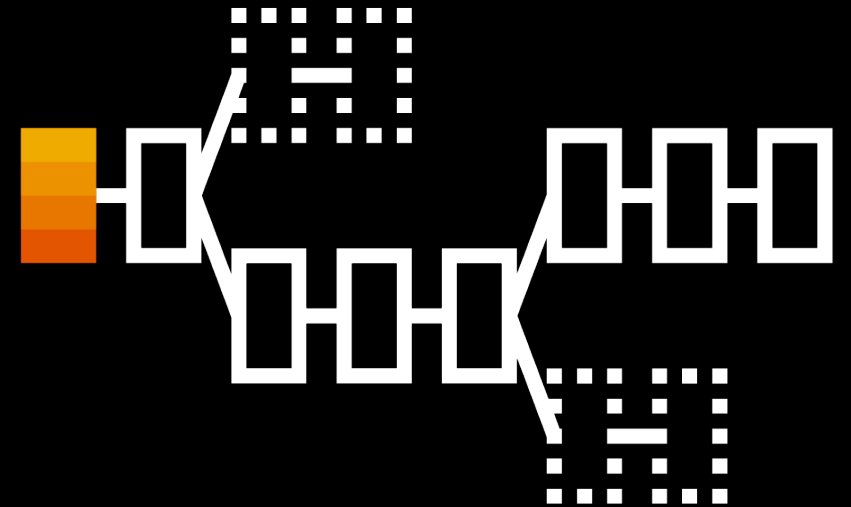
SAP® Signavio - Business Scenarios



Operational Excellence	Risk & Compliance	IT & SAP S/4 HANA Transformation	Automation at Scale	Customer Excellence
Eliminate silos and establish an enterprise-wide capability to continuously transform & adapt at scale	Lower the cost of regulatory change, manage controls and operate your business with confidence	Enable business innovations, drive harmonization and implement a world-class operating model	Identify & assess automation opportunities, drive end-to-end improvement and govern large scale automations & RPA initiatives	Make amazing customer experience an operational reality by closing the process gap for all journeys
Business Transformation				

SAP® Signavio helps you learn to listen, make informed decisions and implement change fast.

- **SAP Signavio Process Manager**
Document and redesign your processes and manage your process portfolio.
- **SAP Signavio Process Intelligence**
Leverage your data to locate & prioritize process improvement potential
- **SAP Signavio Process Collaboration Hub**
Get everybody involved and share process knowledge with the entire organization



A woman with curly hair, wearing a light-colored plaid shirt over a dark top, is sitting in an office. She is smiling and looking up at a yellow and grey ball balanced on her right index finger. She is holding a black smartphone to her left ear with her left hand. The background shows a blurred office environment with computer monitors, framed pictures on the wall, and a desk lamp. A large, bold, black text "DEMO" is overlaid on the left side of the image, partially obscuring the woman's arm and the background.

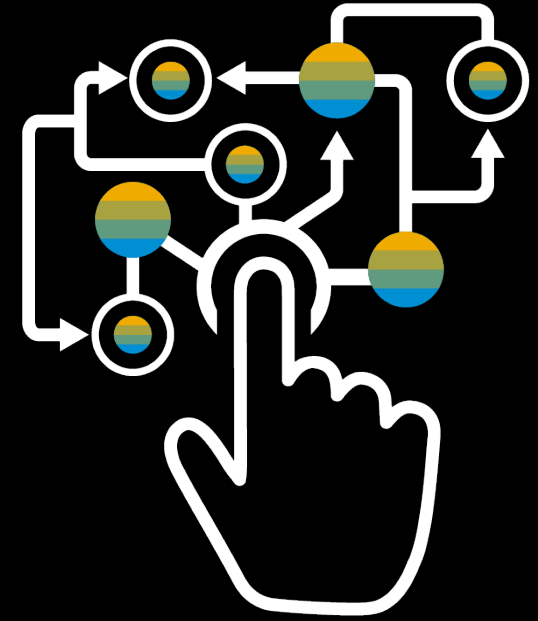
DEMO

Feel free to connect with me at:

 ian.grange@sap.com

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

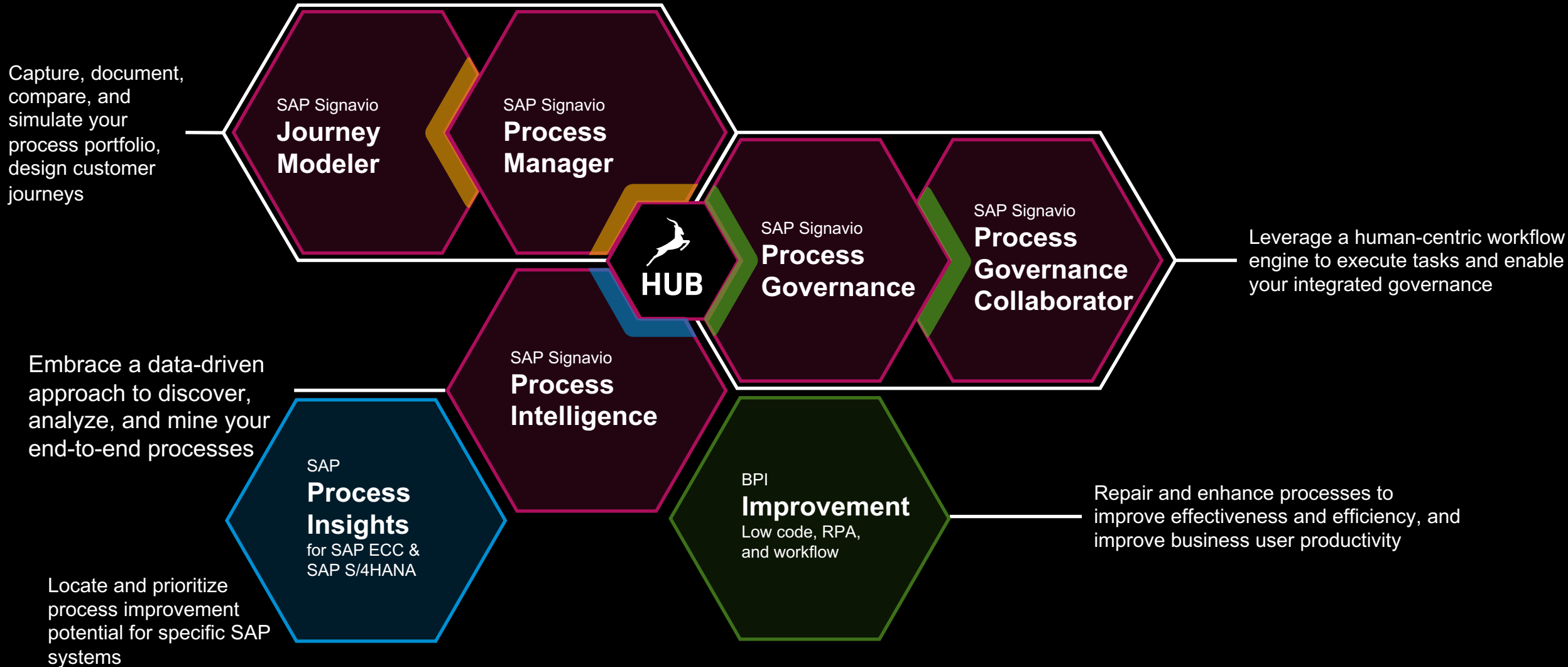
 [linkedin.com/in/iangrange](https://www.linkedin.com/in/iangrange)



Business process intelligence is an end-to-end transformation solution

Collaboration hub

Enable insights
consumption and
enterprise collaboration



BPI Improvement with SAP Intelligent RPA & SAP Workflow Management

BPI

Improvement

Low code, RPA,
and workflow



SAP Business Process Intelligence

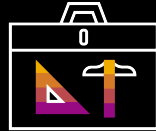
A holistic approach for a sustainable success

smart

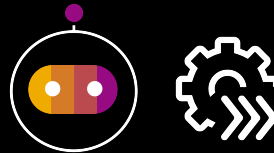
ANALYSE



DESIGN & SIMULATE



IMPROVE



ROLL-OUT & GOVERN



MONITOR



MODELS



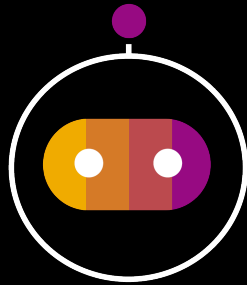
PEOPLE



DATA

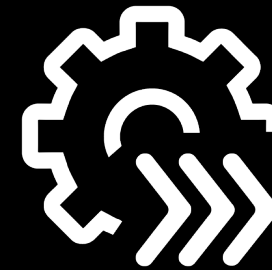
Boost Process Agility with Low Code/No Code Solutions

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



SAP Intelligent RPA

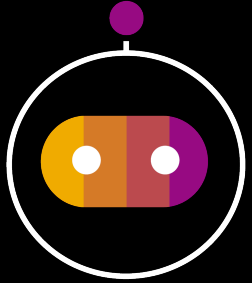
Automate tasks and replace repetitive tasks with digital workers



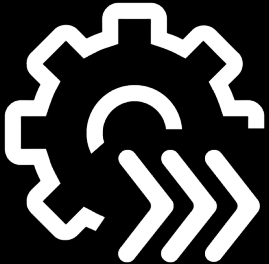
SAP Workflow Management

Create fully automated workflows for corporate processes

Start immediately without any additional costs



SAP Intelligent RPA



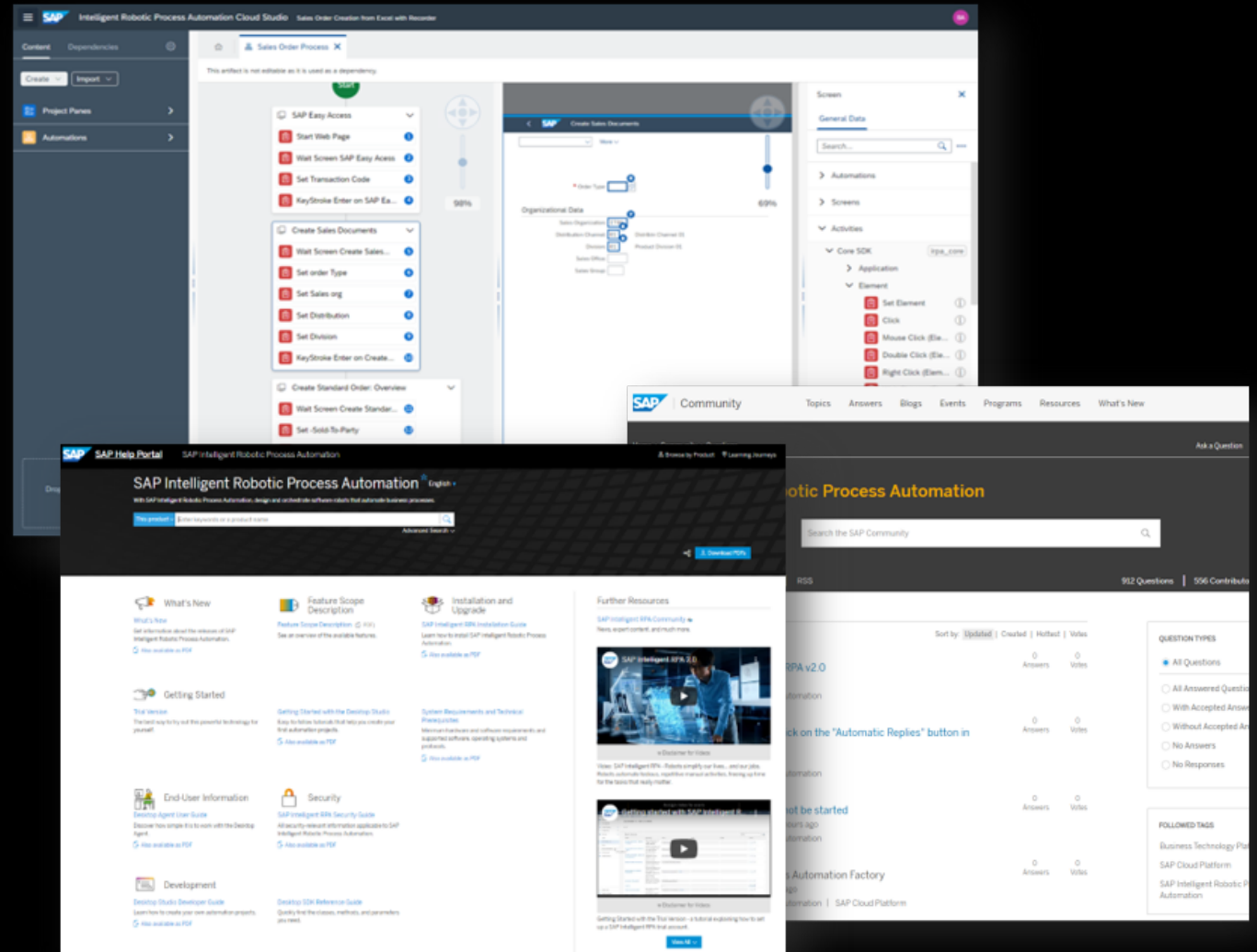
SAP Workflow Management

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

Low Code/No Code User Experience

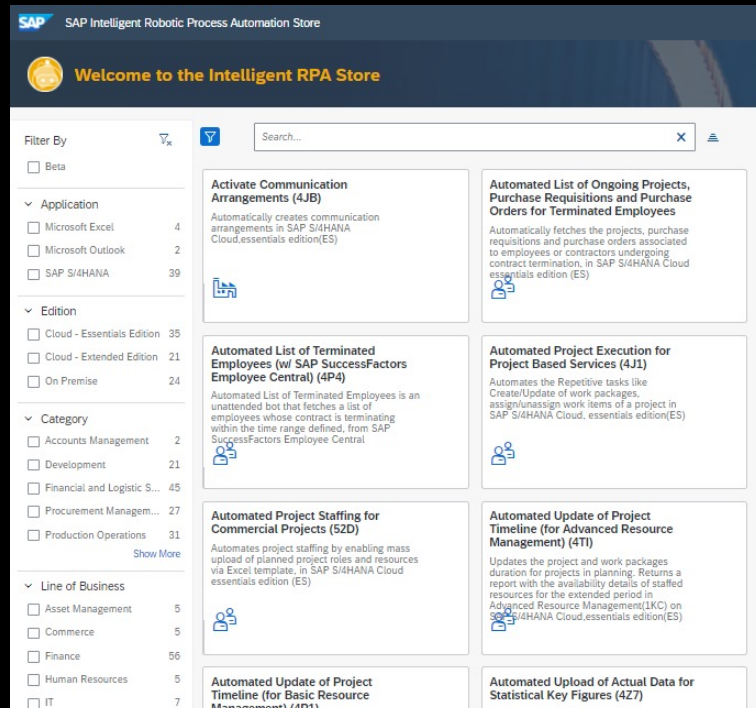
Simple browser-based bot building experience for citizen developers:

- 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



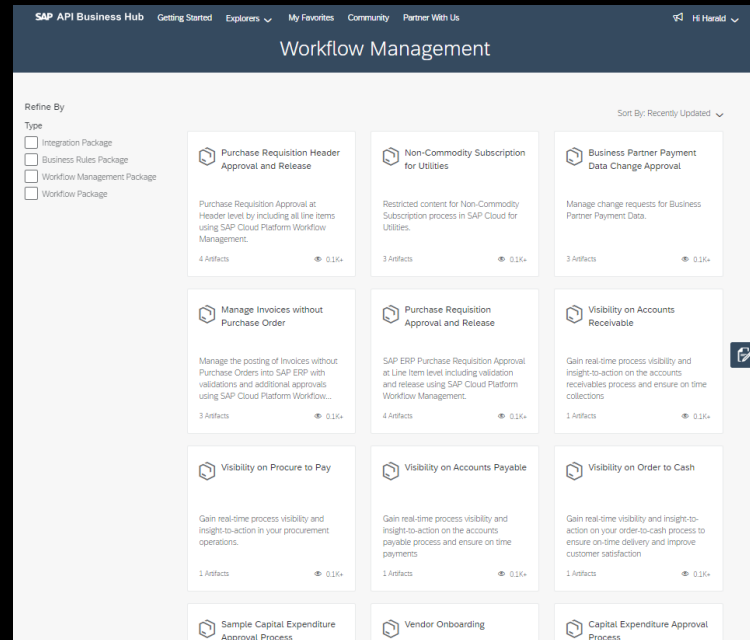
Deliver Outcomes Faster by Relying on Pre-built Content

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



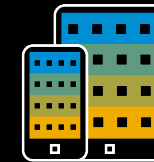
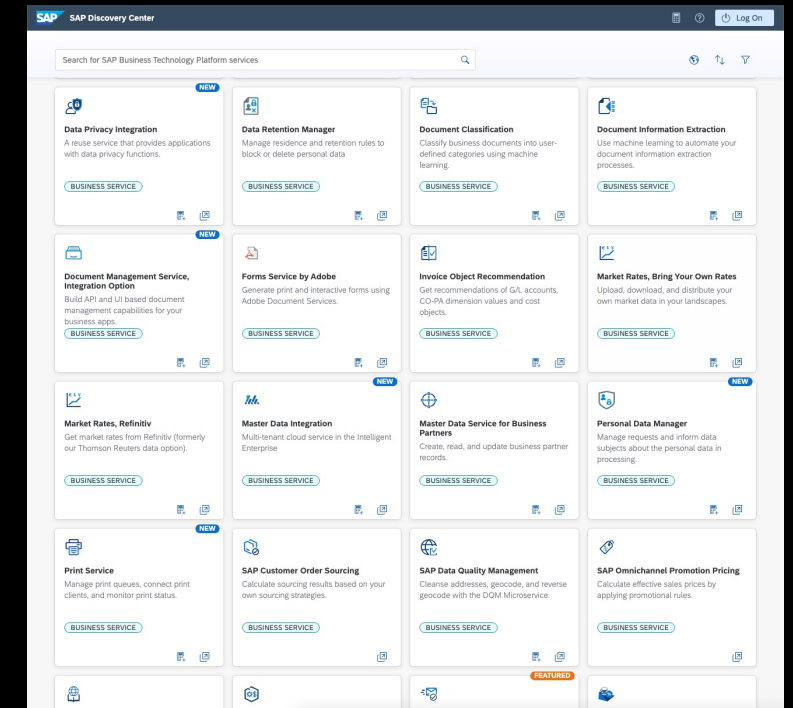
250+

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



40+

Live process [packages](#)



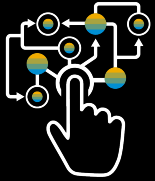
20+

Business [services](#)

SAP Workflow Management

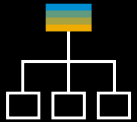


Digital Process Automation – SAP Workflow Management



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

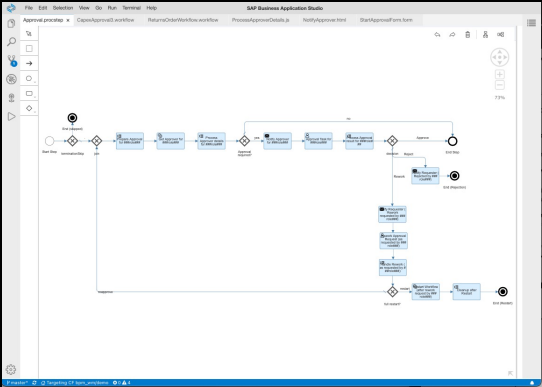


Tightly Integrated with:

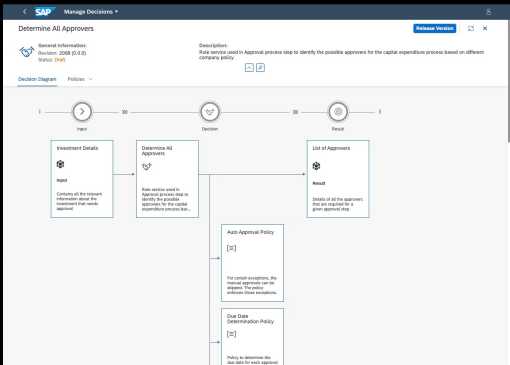
SAP Intelligent RPA
SAP Conversational AI

Overview of key capabilities

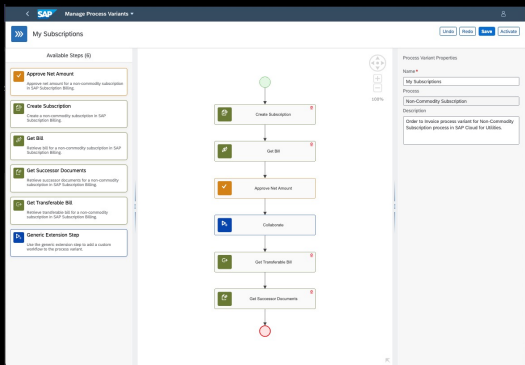
SAP Workflow Management



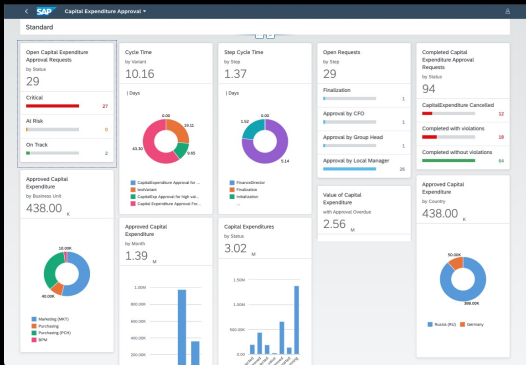
Workflow Editor (Low Code)
Application Workflow



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**

A woman with curly hair, wearing a plaid shirt, is sitting in an office. She is balancing a yellow and purple ball on her right index finger and talking on a smartphone with her left hand. The office background includes computer monitors, a desk, and framed pictures. A large, bold, black text 'DEMO' is overlaid on the image.

DEMO

SAP **Intelligent** Robotic Process Automation



Criteria for Selecting Processes for Automating with RPA

Manual & Repetitive



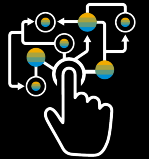
Consolidate and manipulate data from multiple data sources, e.g. MS Excel, vendor portal, SAP systems

High Volume



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

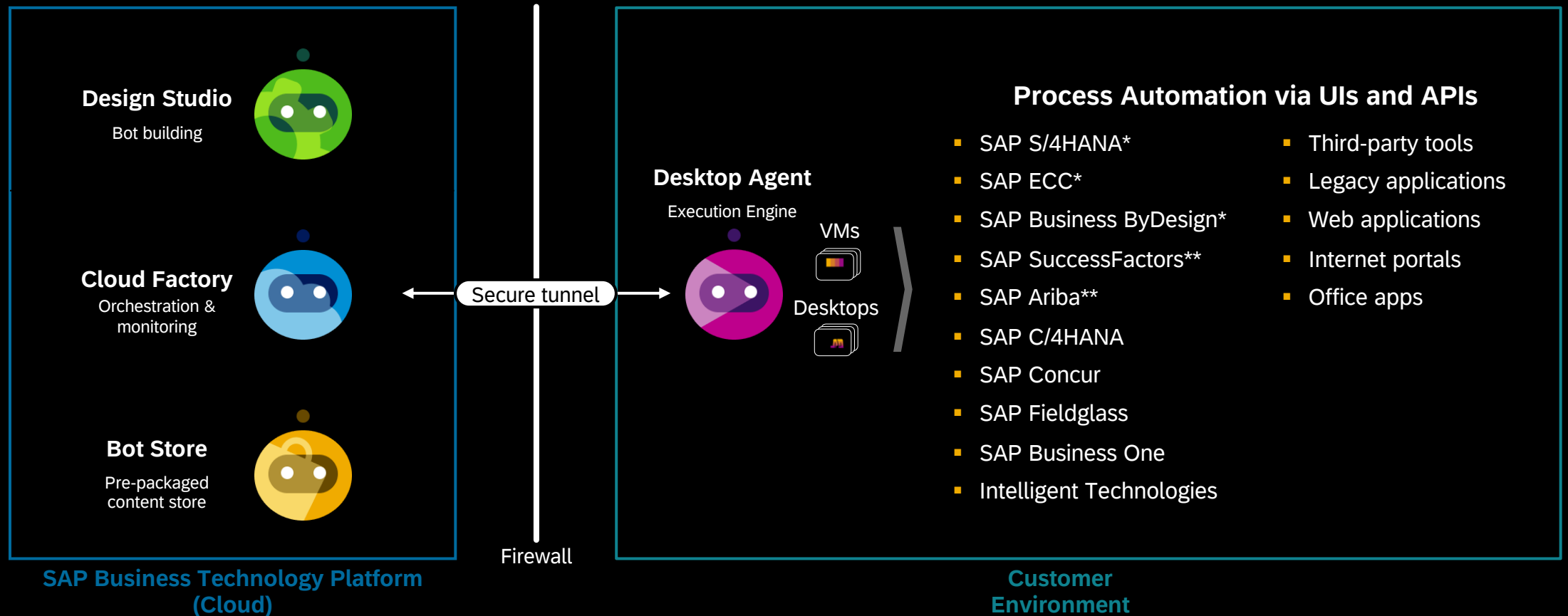
Multiple Systems



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

Over 250 bots available

→ Public Site

Connectors



Interaction via UIs and APIs

— SAP Applications — — Non-SAP Applications —

- Digital Core
- Pre-defined content for SAP S/4HANA and ECC
- SAP C/4HANA
- SAP SuccessFactors
- SAP Ariba
- SAP Concur
- SAP Fieldglass
- Intelligent Technologies
- Third-party tools
- Legacy applications
- Web applications
- Internet portals

SAP Applications

- SAP GUI for Windows
- SAP Web GUI
- SAP S/4HANA SAP UI5
 - Cloud edition
 - On-premise edition

Third-Party Applications

- Windows-based applications (UI automation)
- Web-based applications

Office & PDF

- Excel
- Outlook (mail)
- Word
- PDF

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 plaid shirt, is sitting in an office. She is smiling and talking on a mobile phone held to her ear with her left hand. With her right hand, she is balancing a yellow and grey ball on her index finger. The background shows a typical office environment with computer monitors, a desk, and framed pictures on the wall. A large, bold, black text 'DEMO' is overlaid on the image, partially obscuring the woman's torso and the desk area.

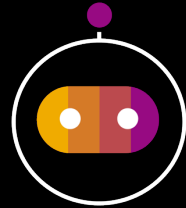
DEMO

Automatic Upload of **Bank Statement Files**

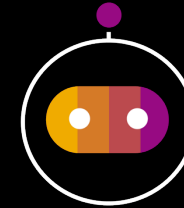
Executive Triggers Bot to
Download Bank Statement
Files from Email



Bot Reads email, retrieves
file and Stores them in a
local folder

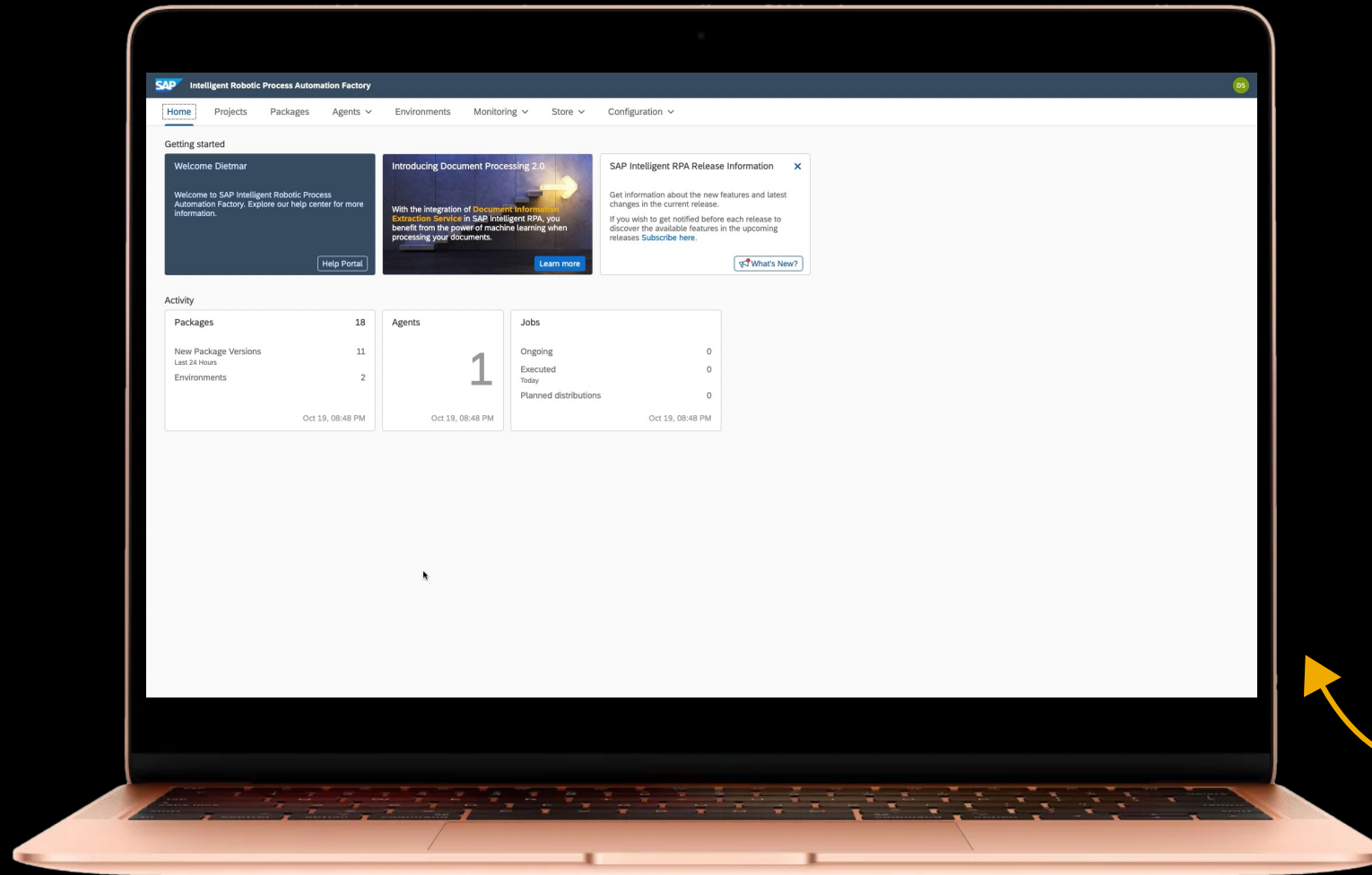


Bot then runs the automatically upload
the input files as bank statements files
in the appropriate format



Bot Sends Email
to Stakeholders
with report

Automatic Upload of **Bank Statement File** Retrieving and Configuring the Bot



Getting started

Welcome Dietmar

Welcome to SAP Intelligent Robotic Process Automation Factory. Explore our help center for more information.

Help Portal

Introducing Document Processing 2.0

With the integration of **Document Information Extraction Service** in SAP Intelligent RPA, you benefit from the power of machine learning when processing your documents.

Learn more

SAP Intelligent RPA Release Information ✕

Get information about the new features and latest changes in the current release.

If you wish to get notified before each release to discover the available features in the upcoming releases [Subscribe here](#).

What's New?

Activity

Packages18

New Package Versions11
Last 24 Hours

Environments2

Oct 19, 08:48 PM

Agents

1

Oct 19, 08:48 PM

Jobs

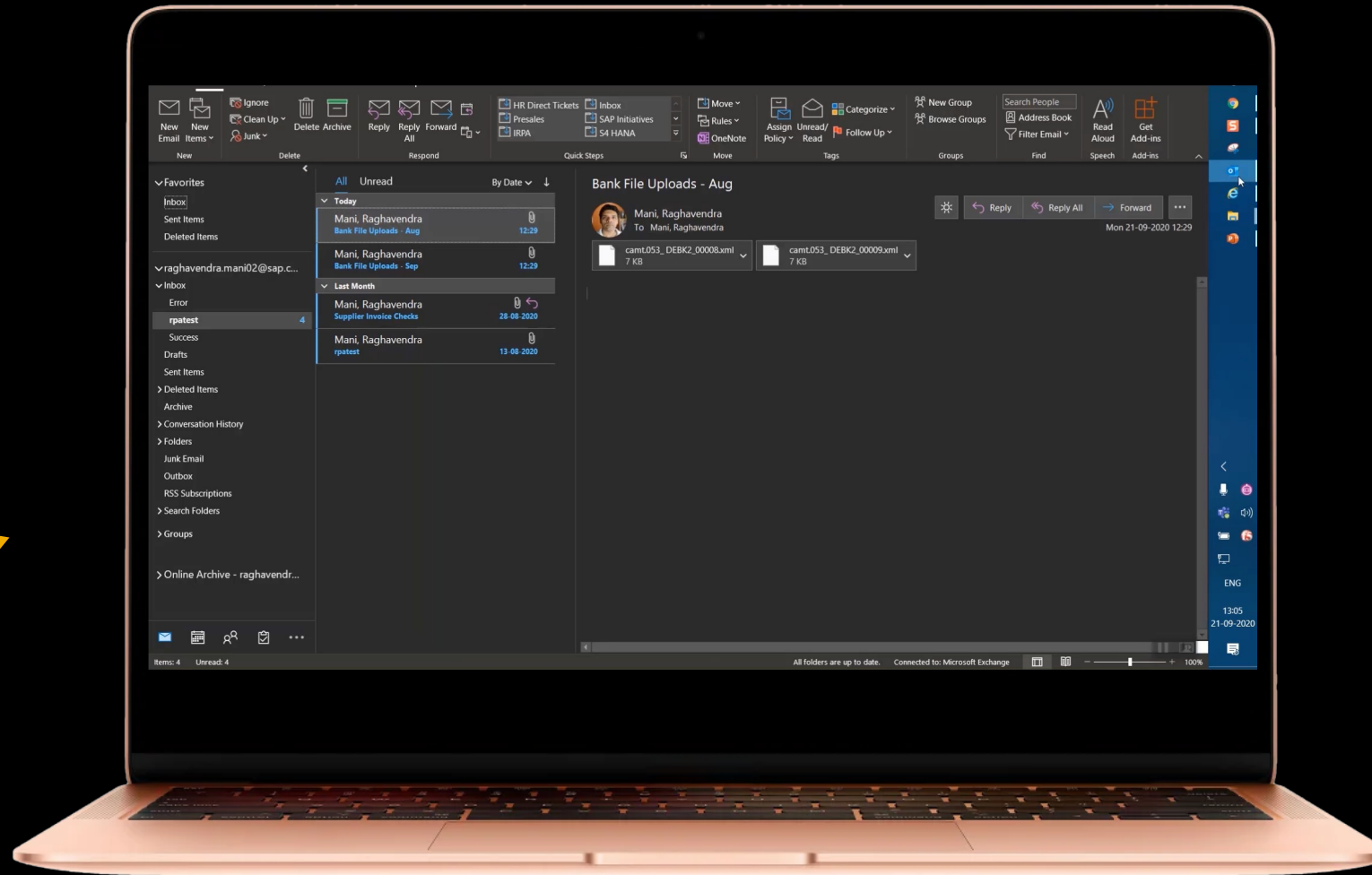
Ongoing0

Executed Today0

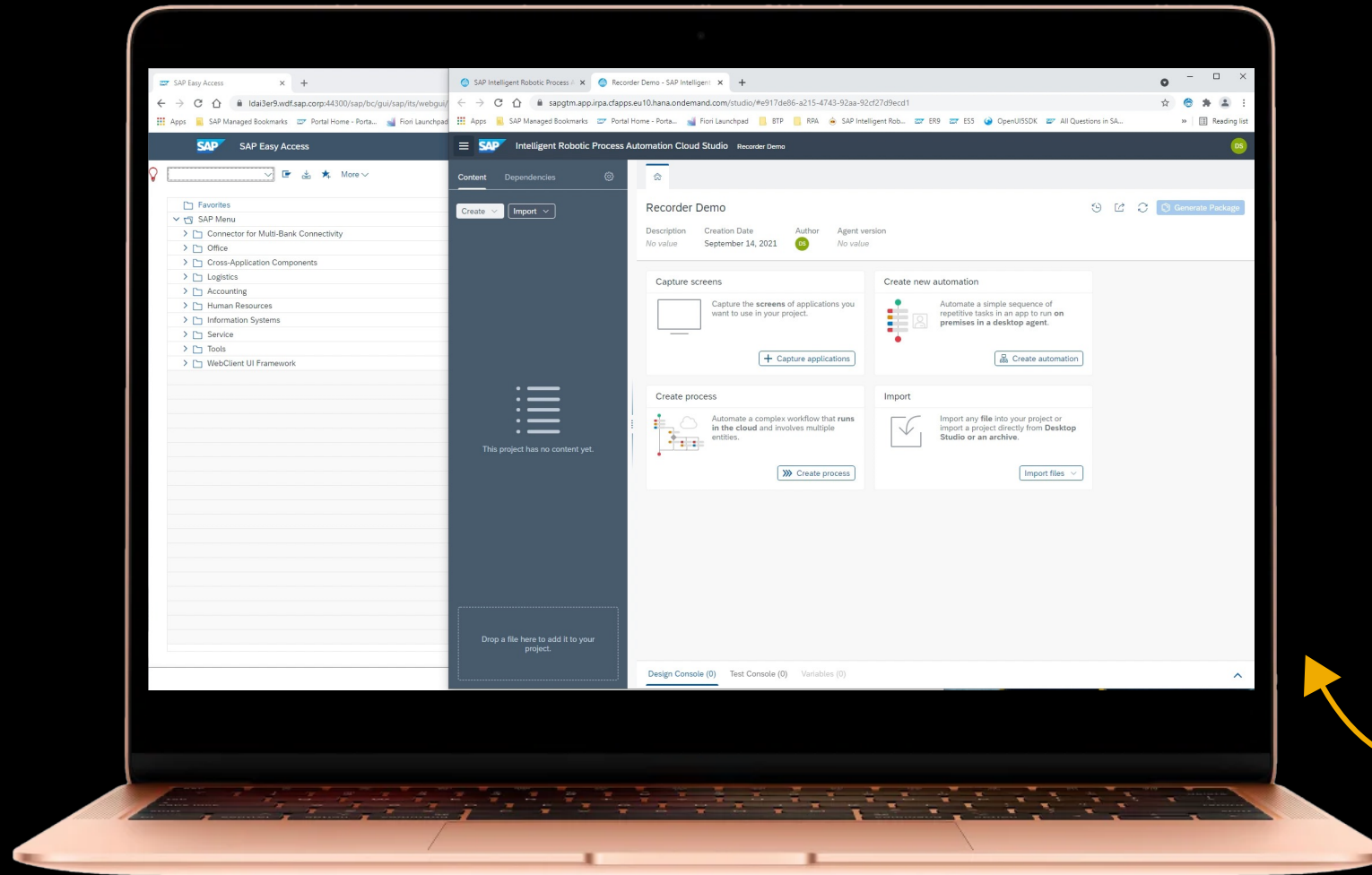
Planned distributions0

Oct 19, 08:48 PM

Automatic Upload of **Bank Statement Files** Running the Bot



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 interface 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 project details include a description of 'No value', a creation date of 'September 14, 2021', an author 'DS', and an agent version of 'No value'. The main workspace 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' button). A 'Generate Package' button is located in the top right. The bottom status bar shows 'Design Console (0)', 'Test Console (0)', and 'Variables (0)'.

SAP Easy Access

SAP Intelligent Robotic Process Automation Cloud Studio

Recorder Demo

DS

Content Dependencies

Create Import

Description: No value, Creation Date: September 14, 2021, Author: DS, Agent version: No value

Generate Package

Capture screens

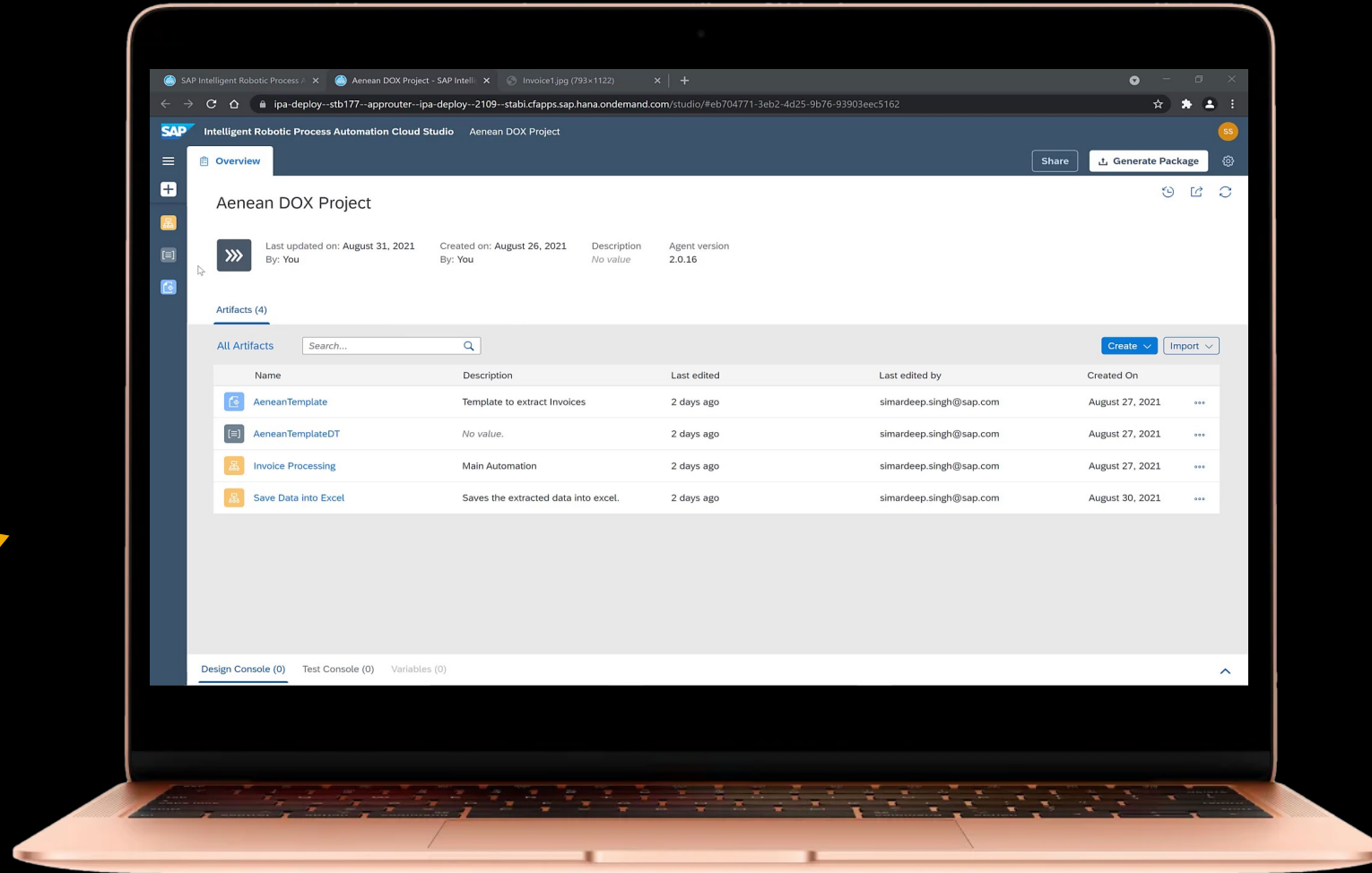
Create new automation

Create process

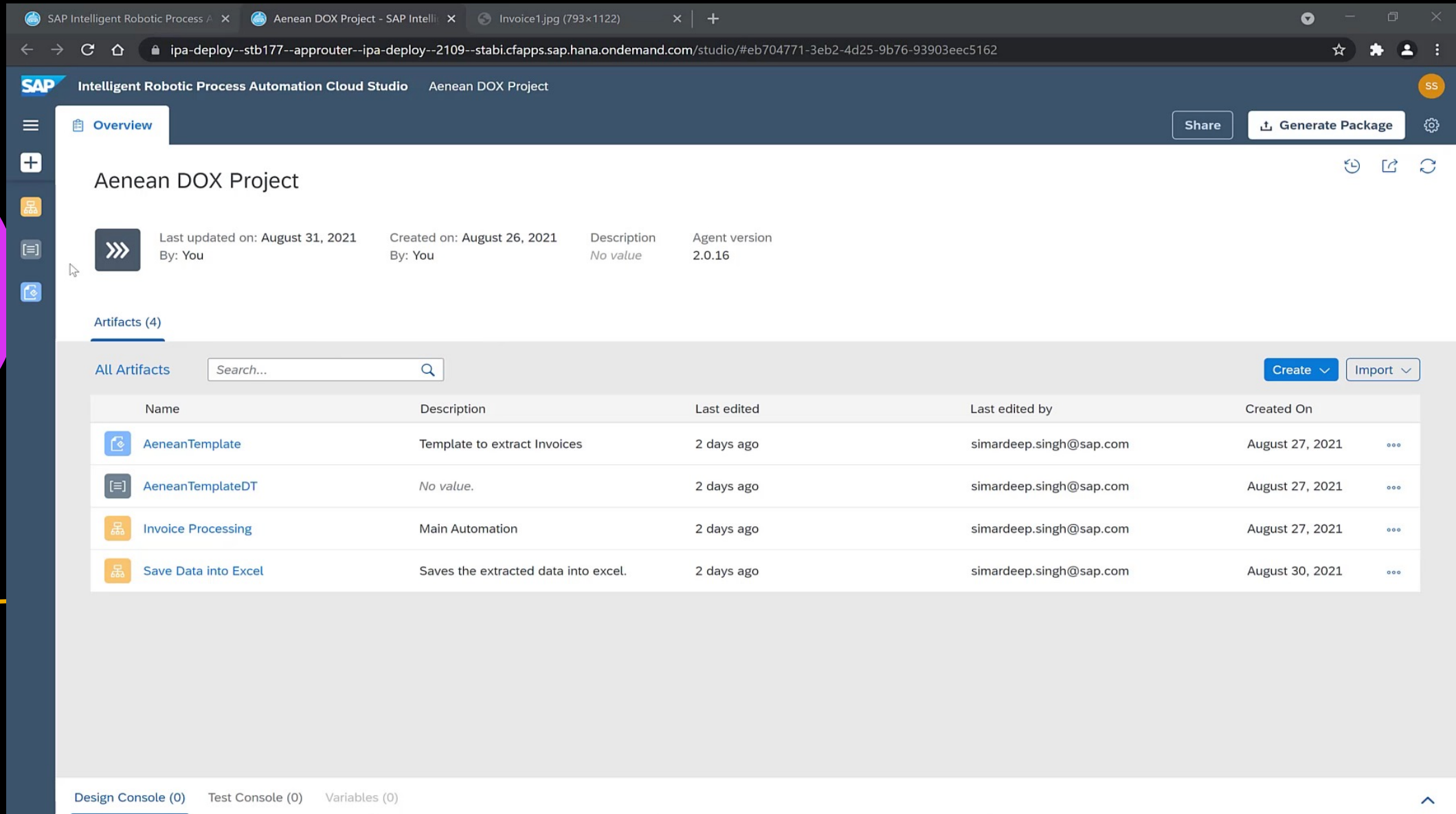
Import

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 tabs at the top include 'SAP Intelligent Robotic Process Automation Cloud Studio', 'Aenean DOX Project - SAP Intelligent Robotic Process Automation Cloud Studio', and 'Invoice1.jpg (793x1122)'. The 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 SAP logo is visible in the top left corner.

The main header area includes the text 'Intelligent Robotic Process Automation Cloud Studio' and 'Aenean DOX Project'. On the right, there are buttons for 'Share' and 'Generate Package', along with a user profile icon labeled 'SS'.

The left sidebar contains a menu with icons for Overview, Design Console, Test Console, and Variables. The 'Overview' tab is currently selected.

The 'Aenean DOX Project' section shows a card with the following details:

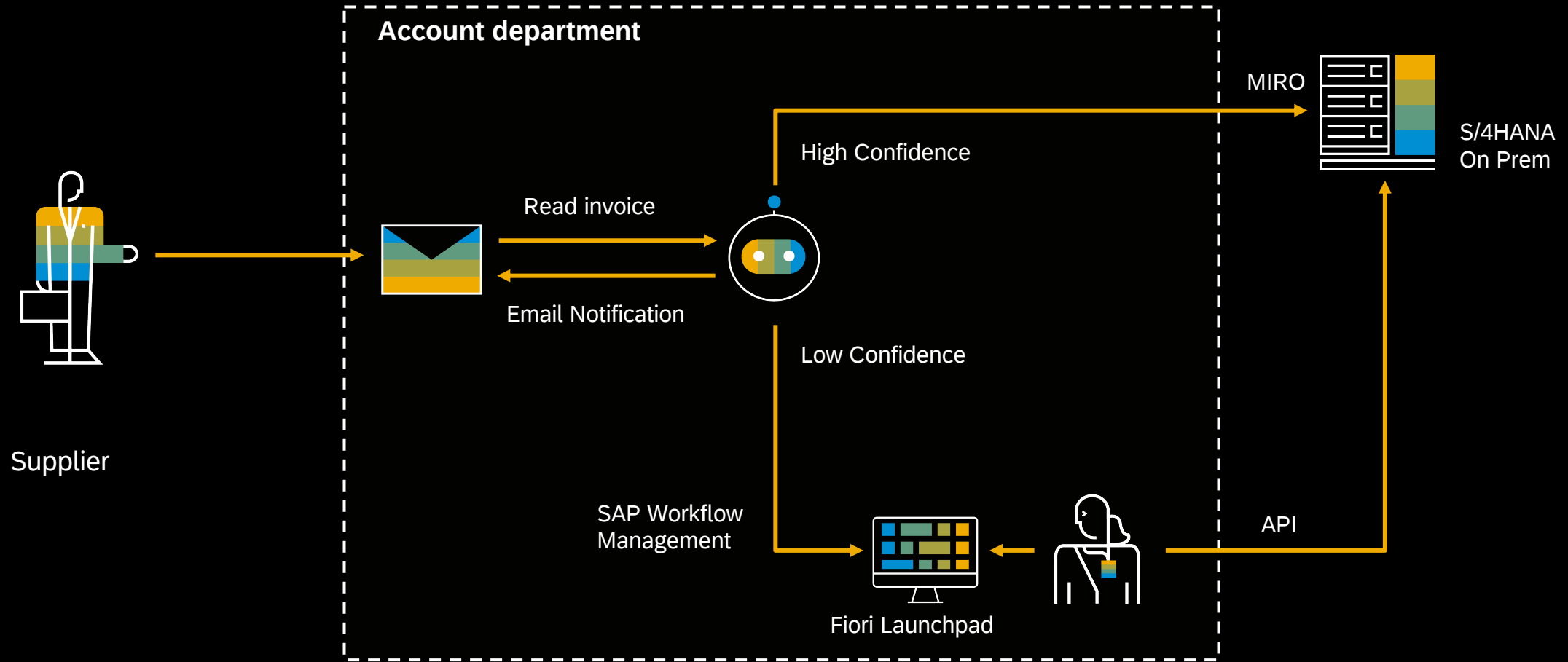
- Last updated on: August 31, 2021
- Created on: August 26, 2021
- Description: No value
- Agent version: 2.0.16

Below this, the 'Artifacts (4)' section is displayed. It includes a search bar and buttons for 'Create' and 'Import'. The artifacts are listed in a table:

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, 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

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 Address:
Broadbus Company
100 Broadstreet Plaza
New York, NY 10004
Phone: (212) 512-1234

Invoice To:
Broadbus Company
100 Broadstreet
New York, NY 10004
Phone: (212) 512-1234

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
33009	Talk (M)	3	\$30.00	\$90

Subtotal	\$90
2% A Sales Tax	\$0
Shipping	\$20
Total	\$110

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

Update Reject Show Log Claim

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Lead Creation with Conversational AI



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