

A simpler and faster way to
automate business processes

SAP Build Process Automation

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March, 2023

THE BEST RUN 



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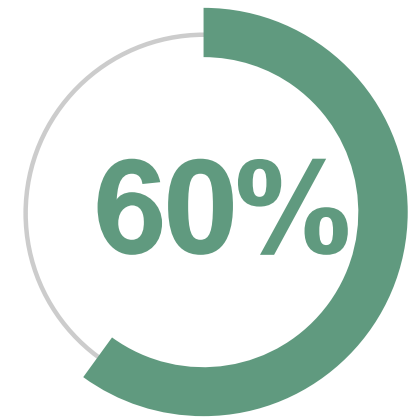
Organizations are turning to low code



Full-time developer vacancies can't be filled ¹



Shift development tasks to low-code ²



Increase in investment compared to code-first tools ²

¹ [The Low-Code Development Imperative, IDC, Nov 2021](#)

² [Breaking the Code – How Low Code is Changing Development, IDC, May 2022](#)

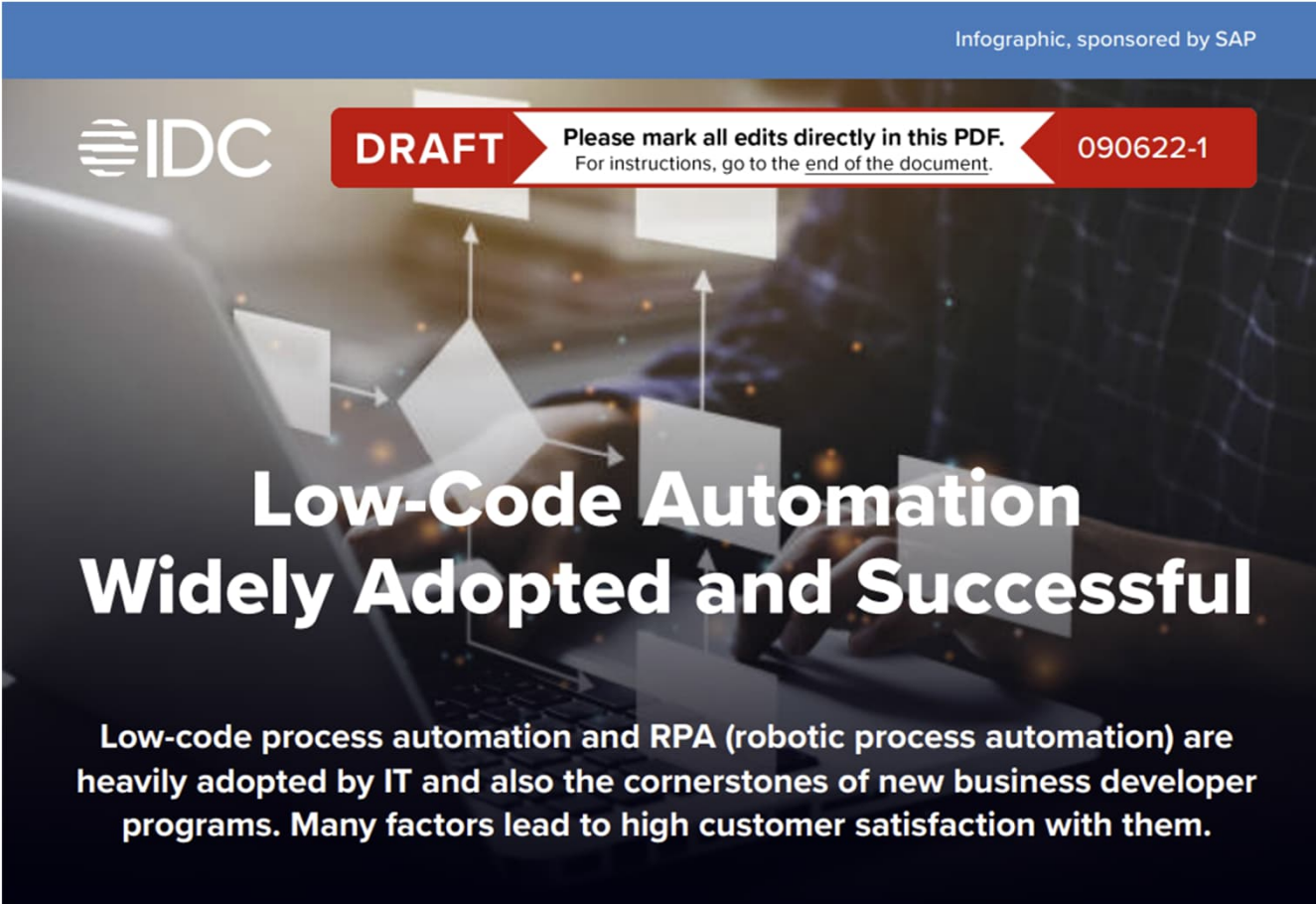
IDC Report

Infographic, sponsored by SAP

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For instructions, go to the end of the document. 090622-1

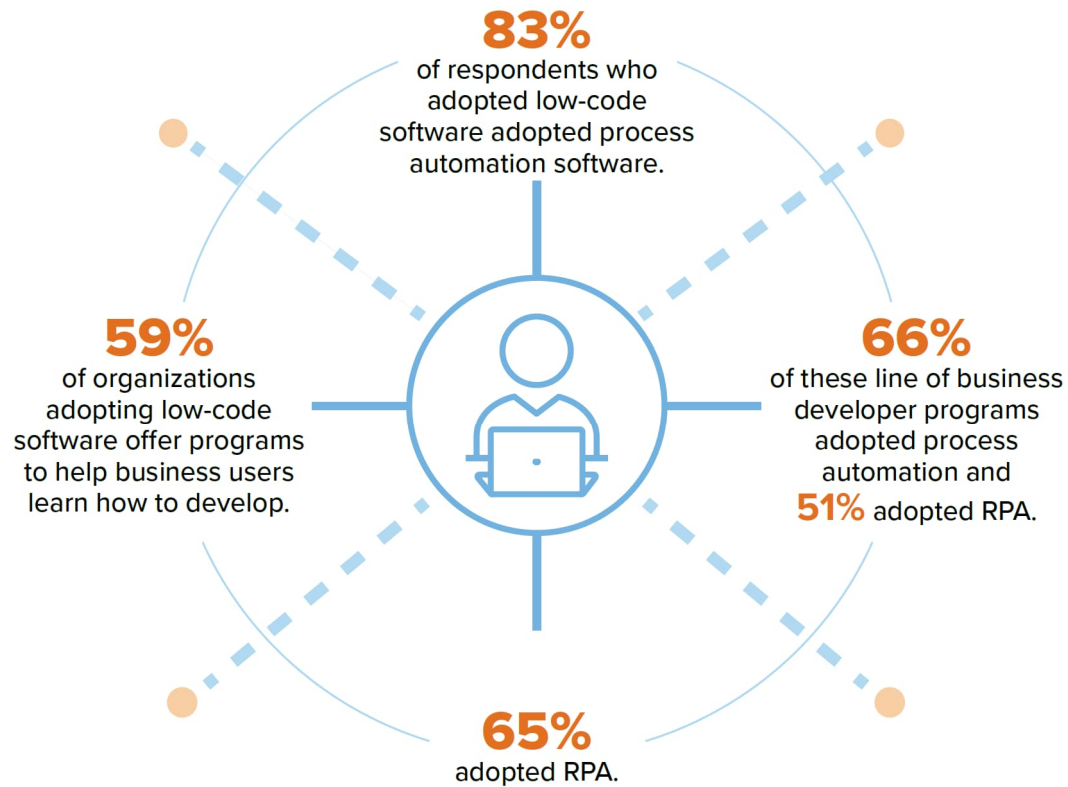
Low-Code Automation Widely Adopted and Successful

Low-code process automation and RPA (robotic process automation) are heavily adopted by IT and also the cornerstones of new business developer programs. Many factors lead to high customer satisfaction with them.



Process Automation's High Adoption Rate

Developers in both business and IT adopt low-code process automation software to improve and automate their business processes and repetitive manual work.



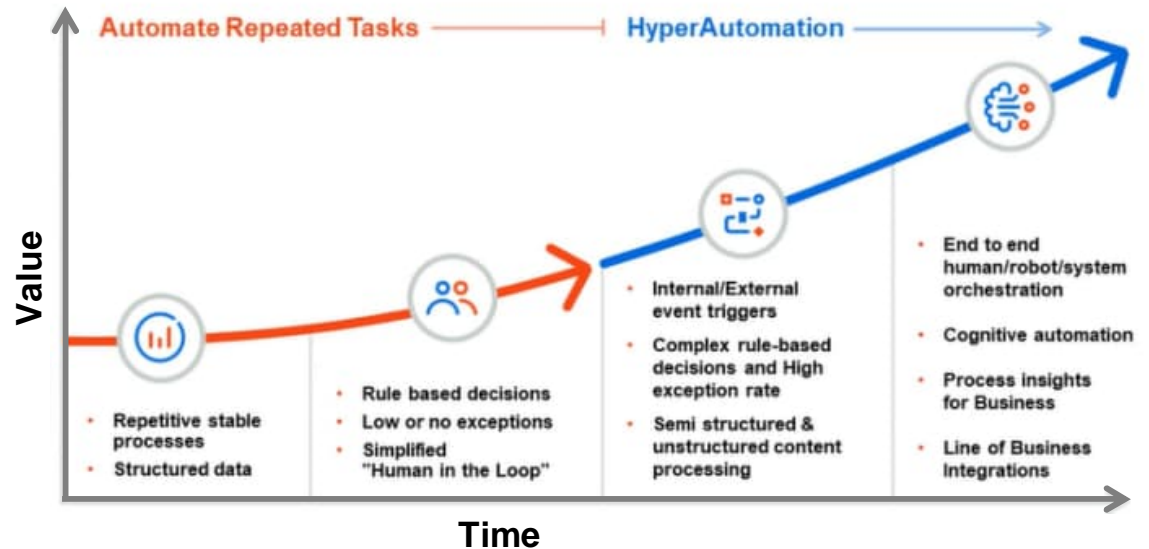
Source: IDC's *Worldwide SAP Low-Code Thought Leadership Survey*, March 2022

Hyperautomation – More Than Just Tools

Hyperautomation is not a platform, a set of tools or even a process.

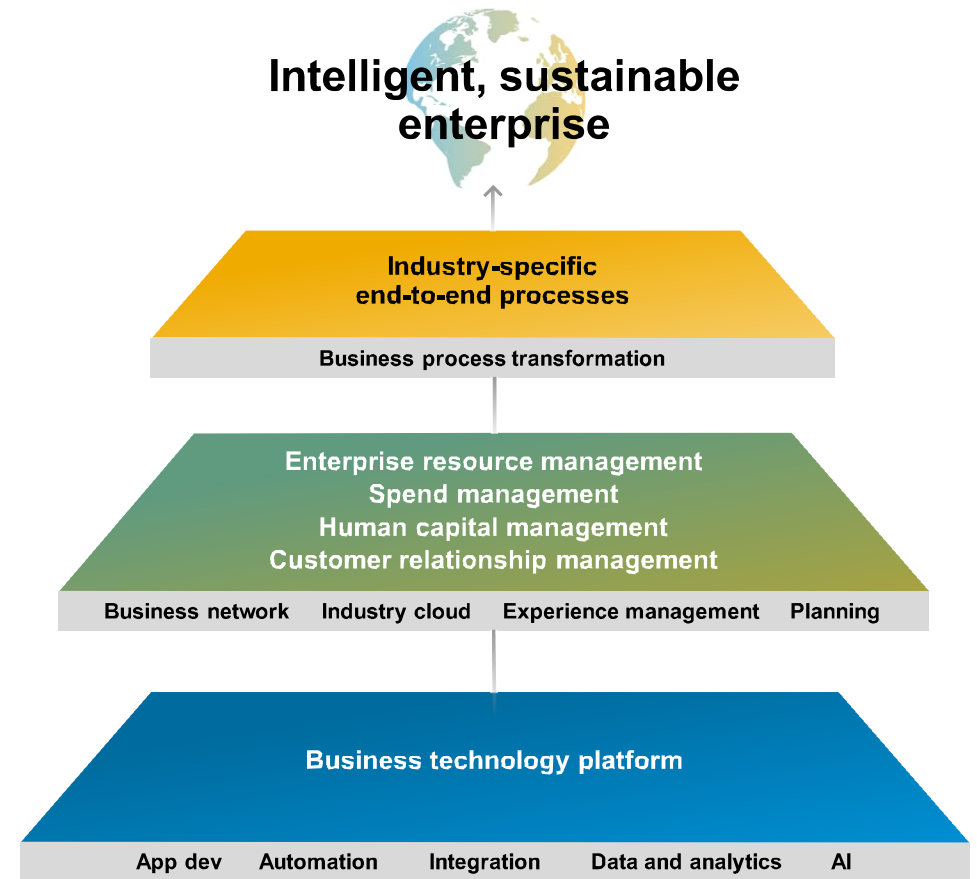
Hyperautomation involves the orchestrated use of multiple technologies, tools or platforms, including:

- Artificial intelligence (AI)
- Machine learning
- Event-driven software architecture
- Robotic process automation (RPA)
- Business process management (BPM & iPaaS)
- Process Mining
- Integration platform as a service (iPaaS)
- Low-code/no-code tools
- Packaged software
- Other types of decision, process and task automation tools¹

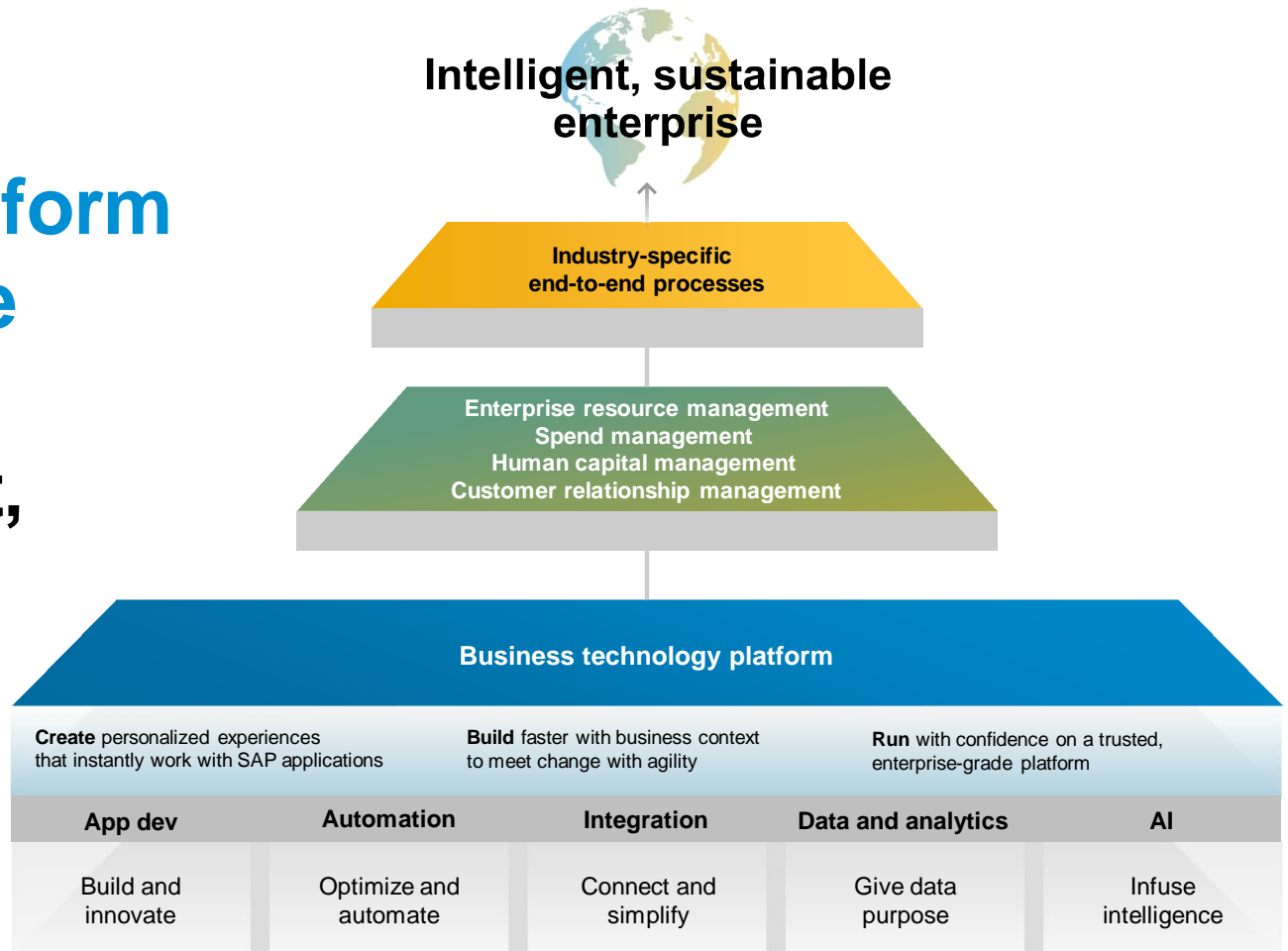


¹Gartner: <https://www.gartner.com/en/information-technology/glossary/hyperautomation>
Built-in: [Hyperautomation: 8 Examples and Use Cases | Built In](#)

Enable every enterprise to become an **intelligent, sustainable enterprise**



SAP Business Technology Platform (SAP BTP) is the foundation of the intelligent, sustainable enterprise



Enable fusion team development

App development and automation with SAP Business Technology Platform



Enterprise readiness with holistic lifecycle management

- Change and deployment management
- Technical ops automation
- Alerting
- Smooth integration option into existing ALM processes

SAP Build

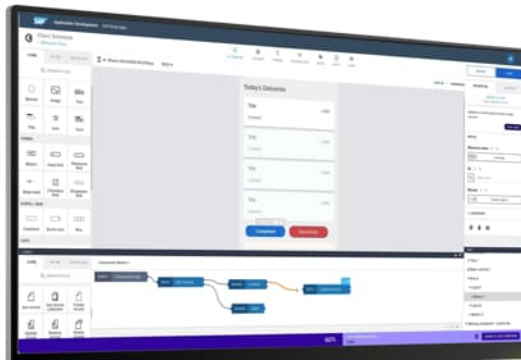


Enterprise security services and hybrid identity & access management

- Cloud identity services
- Risk & compliance
- Secure development

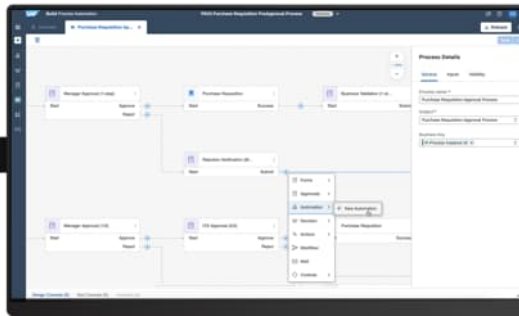
SAP Build

Compose apps



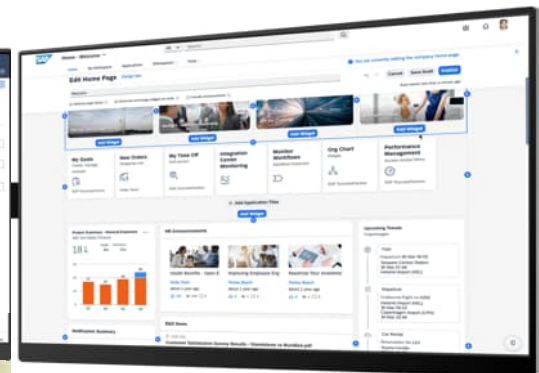
SAP Build Apps

Automate processes



SAP Build Process Automation

Design business sites



SAP Build Work Zone

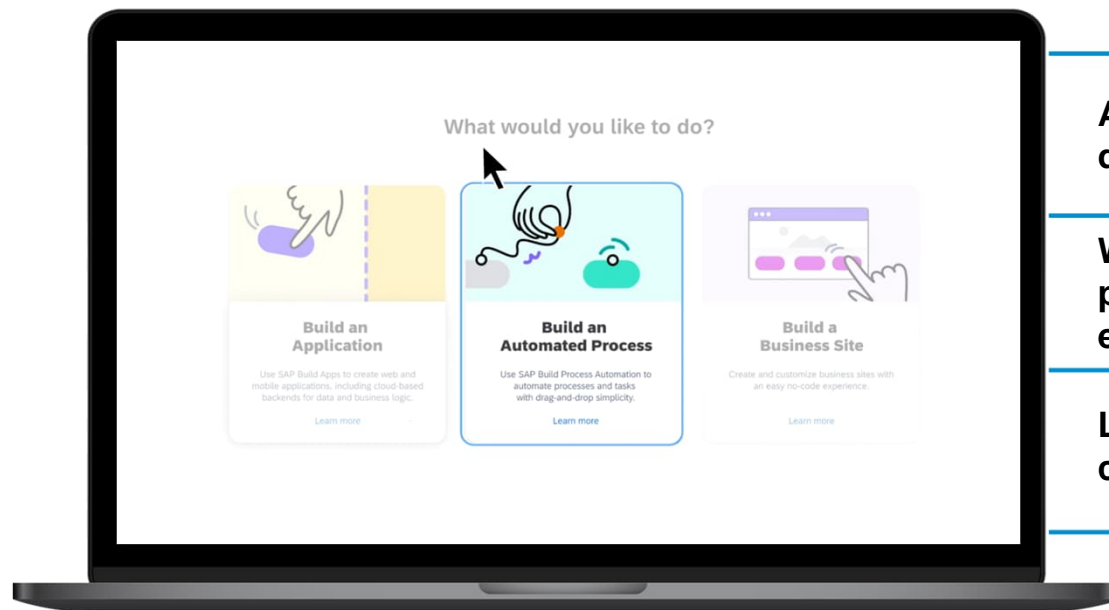


Build Visually
Integrate Seamlessly
Collaborate Securely

SAP Business Technology Platform

Automate Visually

Simplify process and task automation



Automate processes and tasks with drag-and-drop simplicity

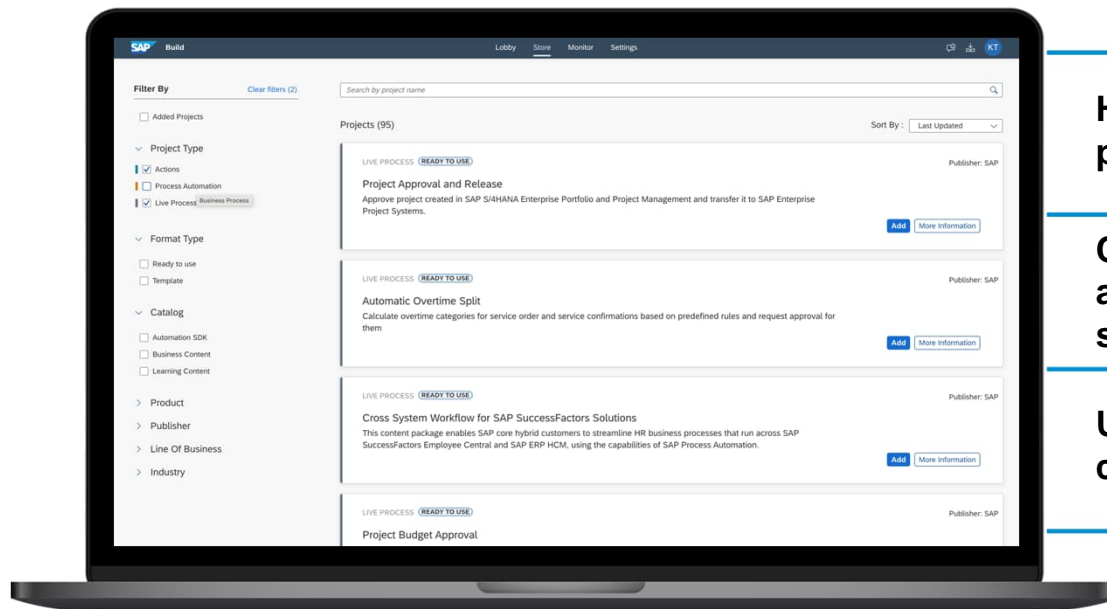
Workflow management, robotic process automation (RPA), and embedded AI in a single solution

Leverage process expertise without coding

SAP Build Process Automation

Integrate Seamlessly

Develop faster using pre-built workflows, bots and connectors for SAP and non-SAP systems



Content store

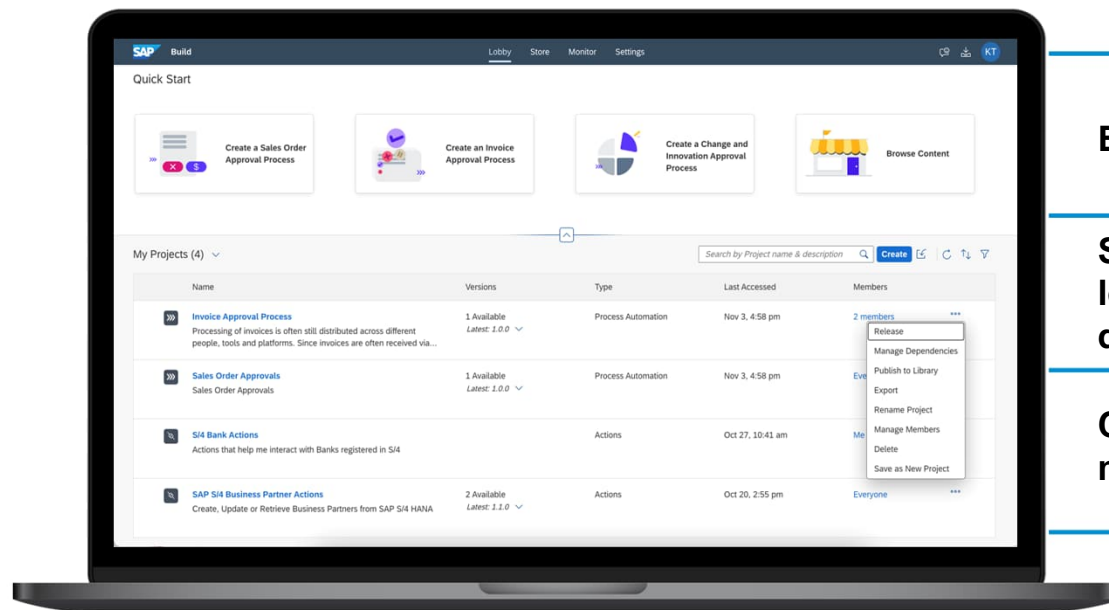
Hundreds of process content packages, RPA bots and connectors

Connect with applications, processes and data across SAP and non-SAP systems

Use business data without losing context and meaning

Collaborate Securely

Foster collaboration and operate with confidence



Unified lobby

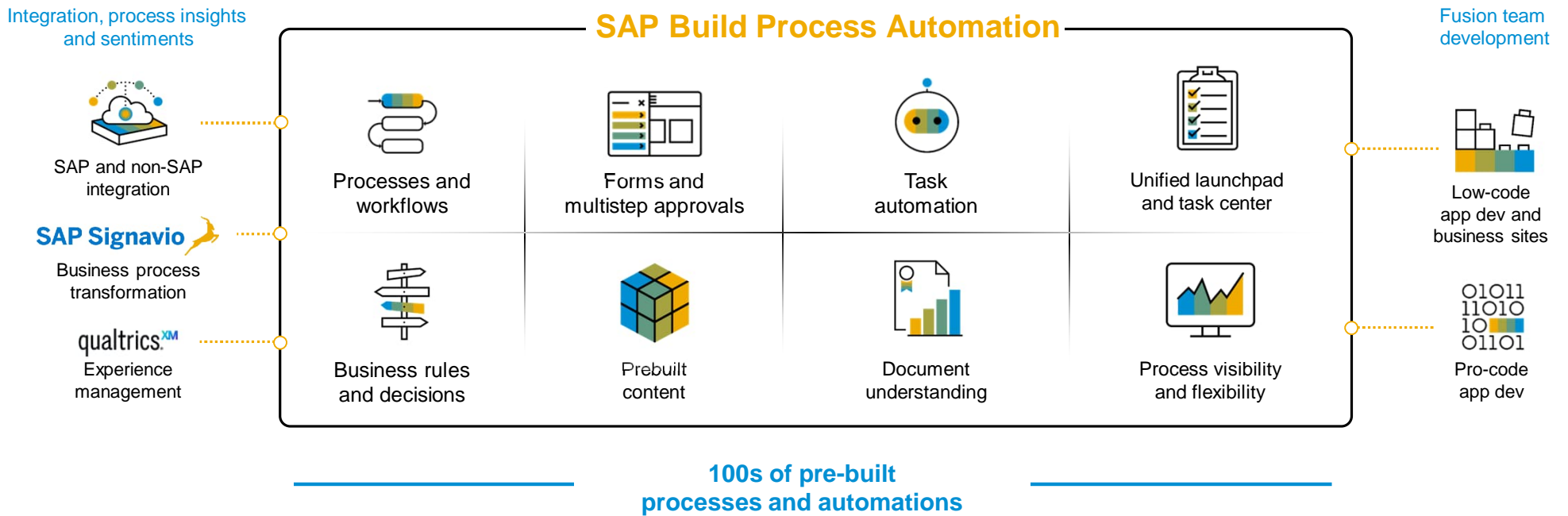
Enable fusion team development

Share artifacts and leverage complex logic contributed by professional developers

Centralized lifecycle management, monitoring, and governance

SAP Build Process Automation

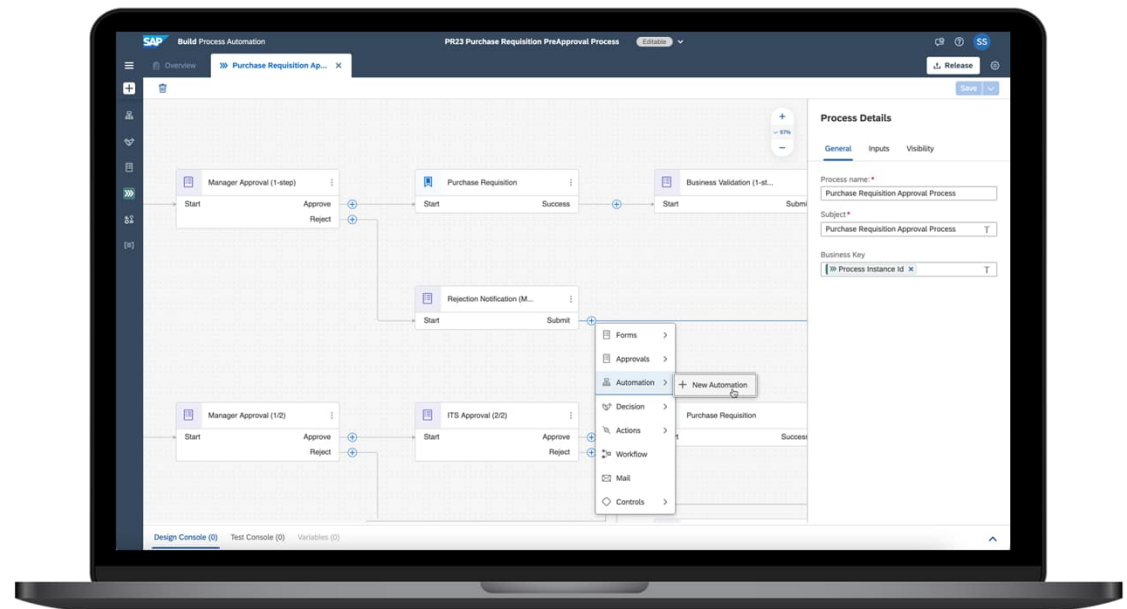
Automate processes and tasks with drag-and-drop-simplicity



Processes and workflows

Build, adapt, and organize process flows

- Visual no-code process builder
- Define start triggers, flows, process controls and more
- Directly add forms, decision logic and RPA bots into process flows

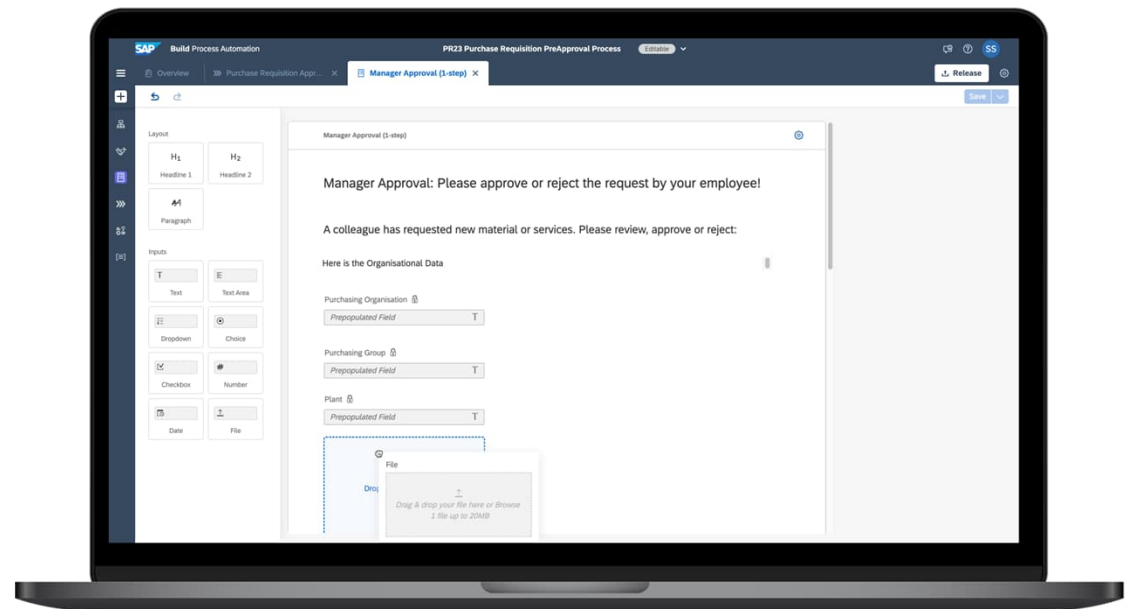


Process builder

Forms and multistep approvals

Design forms for requests and approvals

- Drag-and-drop forms builder
- Define clean and easy-to-consume layouts
- Incorporate text, number and date fields, drop-down menus, and check boxes

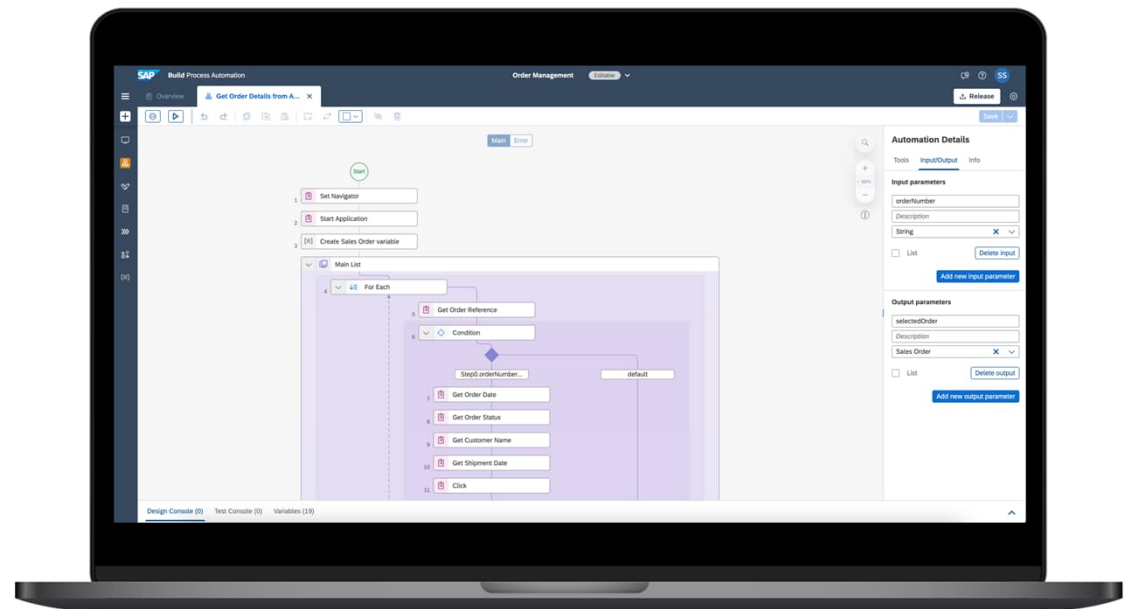


Forms builder

Task automation

Automate routine tasks with robotic process automation (RPA) capabilities

- Automate repetitive manual tasks, high-volume tasks and multiple-system tasks
- No-code or low-code (JavaScript) experience depending on complexity
- Automation recorder for UI-based automations

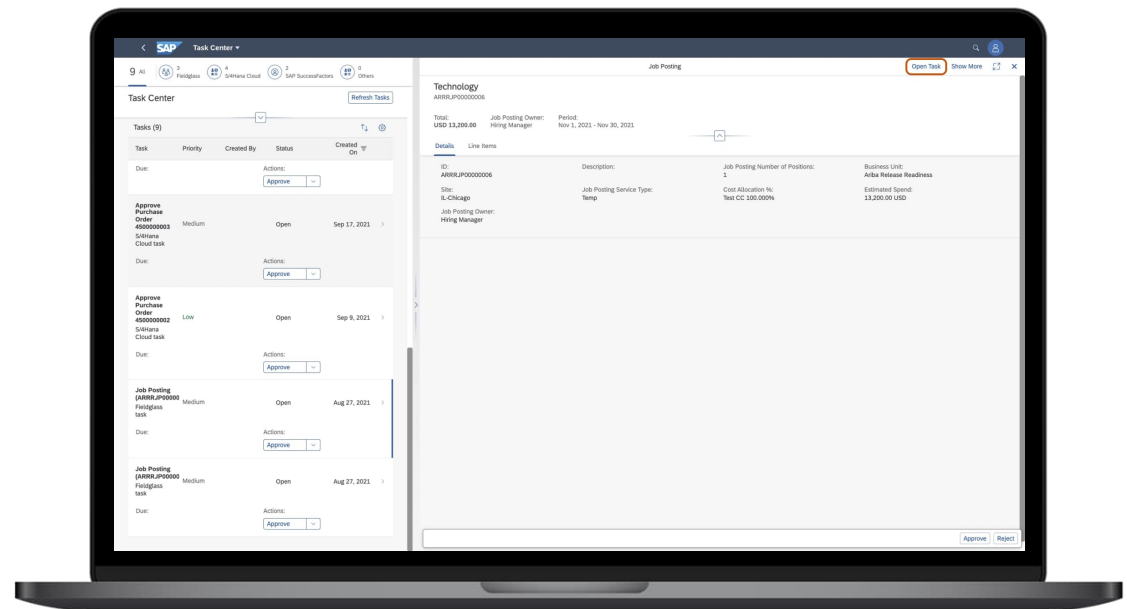


Automation editor

Unified launchpad and task center

Simplify access and improved operations

- Access and process all notifications and tasks across different solutions in one place
- Web and mobile access
- Improve efficiency by delivering a seamless user experience

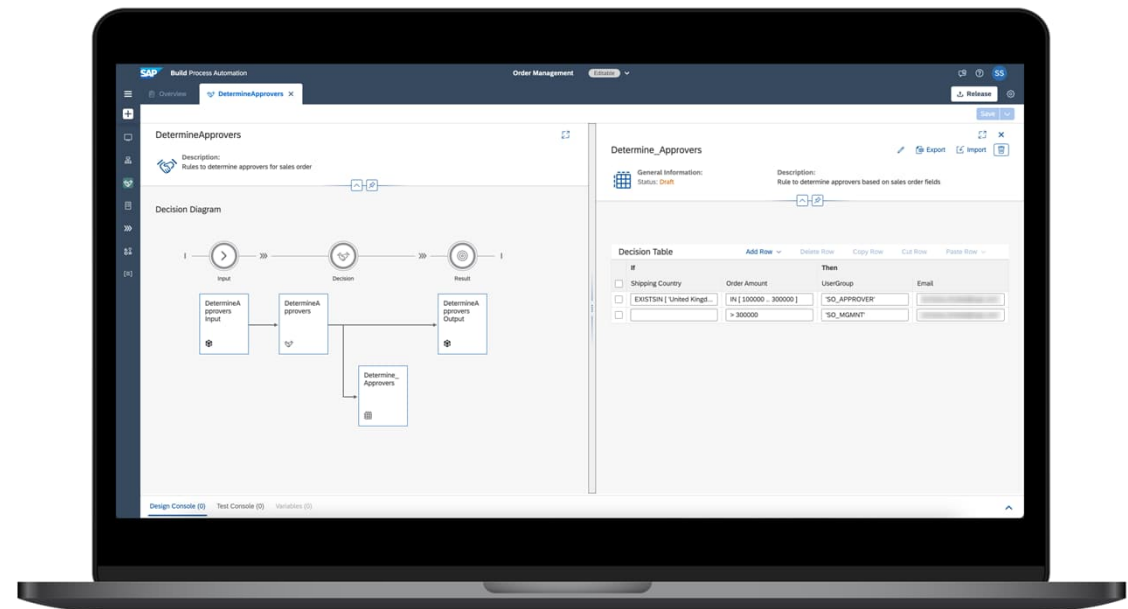


SAP Task Center

Business rules and decisions

Create and maintain business rules for decision management

- Spreadsheet-like decision tables or text-based rules
- Validation, error-highlighting, orchestration
- Create, maintain, and manage rule versions without relying on IT for additional development effort

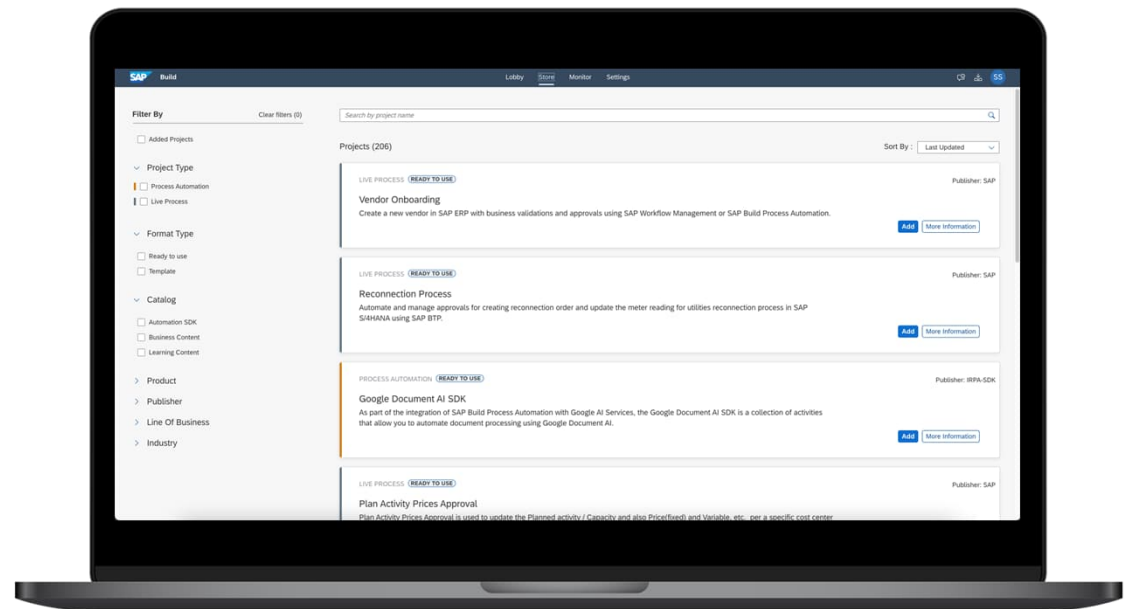


Business rules editor

Prebuilt content

Accelerate development with pre-built content and components

- 250+ process content packages, RPA bots and connectors
- Content designed specifically for SAP S/4HANA, SAP Ariba, SAP SuccessFactors, and more
- Line-of-business and industry-specific use cases

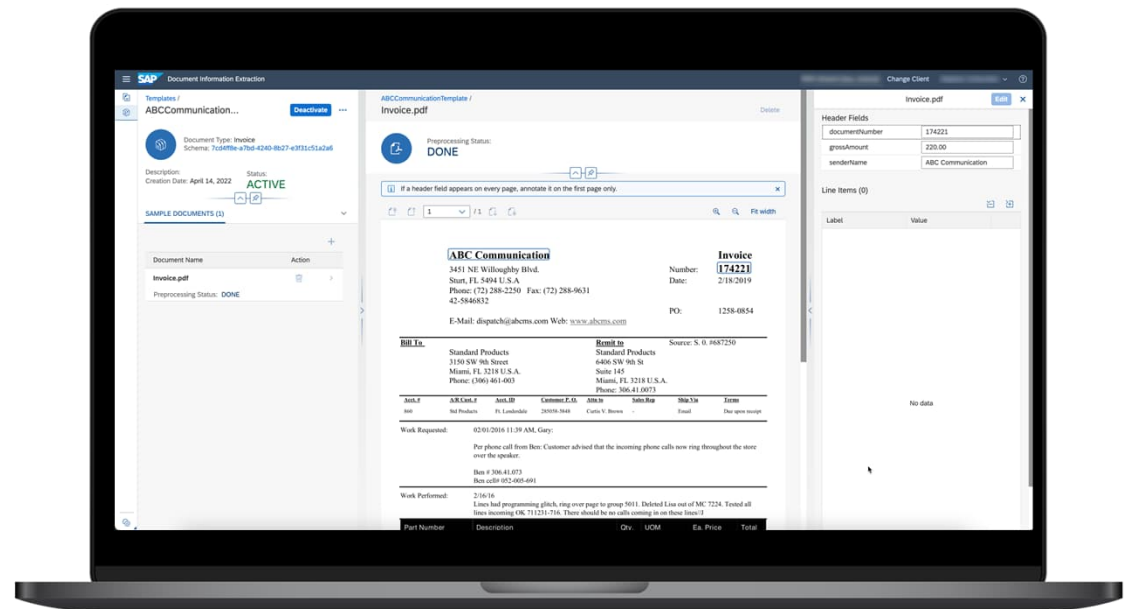


Content store

Document understanding

AI-based document processing to use data from digital documents

- Extract data from digital documents, use them in the process and / or transfer them to your enterprise systems for processing
- Structured and unstructured data sources
- Pre-trained machine learning models and easy template creation without data scientists' support

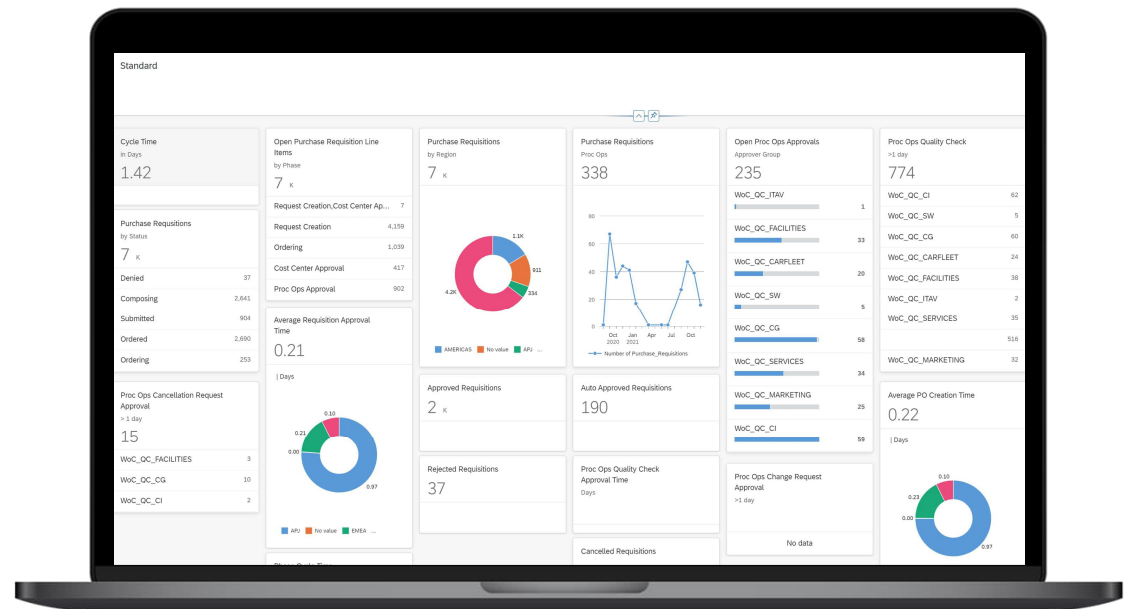


Data extraction template creation

Process visibility

Monitor and manage process performance

- Monitor processes in and across SAP and third-party applications
- Event-driven process views and AI-based cycle-time predictions
- Milestones, service-level-agreements and key performance indicators tracking

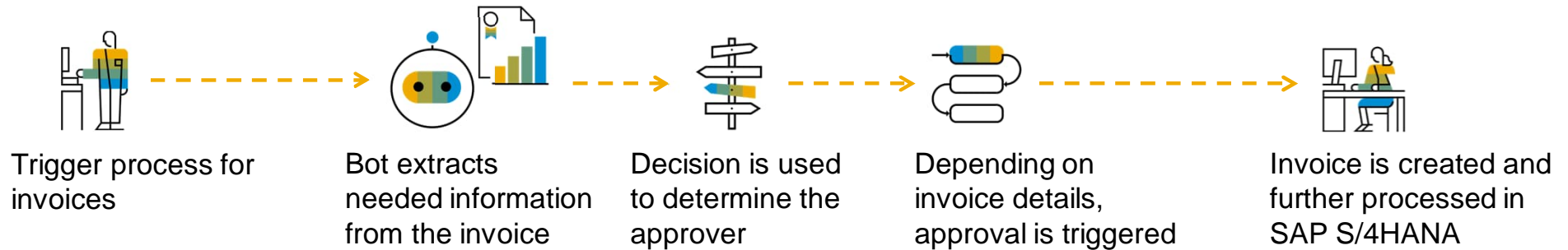


Process visibility dashboard

Example: Automate paper-based invoice posting in SAP S/4HANA

SAP Build Process Automation

SAP S/4HANA

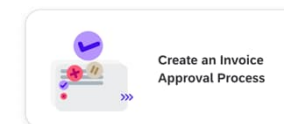


An example scenario, showing how to improve the efficiency of invoice processing for further posting to your transactional system with SAP Build Process Automation.

Throughout the **mission** participants will create a process, combining forms, automation, embedded Document Information Extraction service, and approval flow including rules on how to select the approver.

[Check out the SAP Discovery Mission](#)

+ **sample project available** in the store for the creation of this invoice approval process

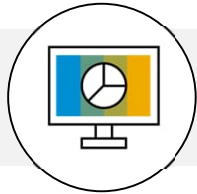


SAP Build Process Automation use cases

Get inspired, start today



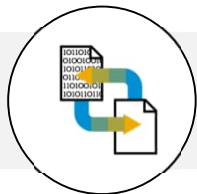
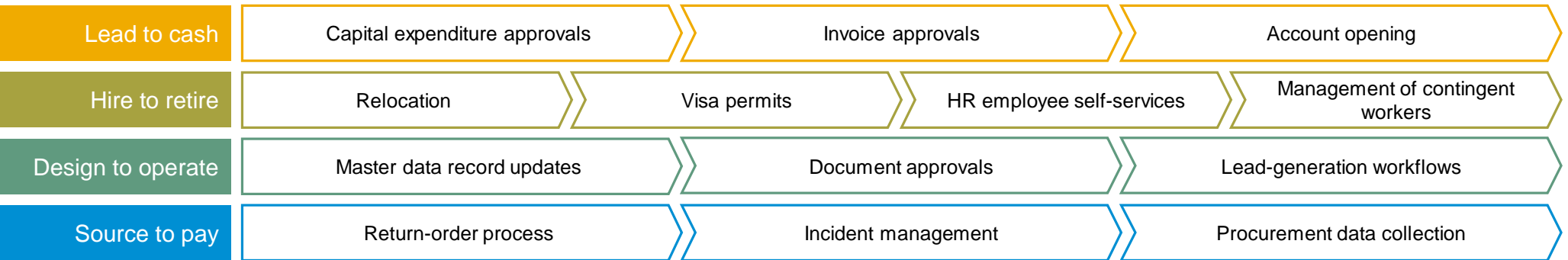
Automate manual, repetitive tasks



Enable "lights-out" automation of high-volume process steps



Automatically aggregate data from multiple systems



Digitalize manual and semi-automated processes



Extend and adapt standard application flows



Automate comprehensive cross-application workflows

77% of the world's transactions run through SAP systems
#1 ERP | #1 Procurement | #1 Supply Chain | #1 Human Capital | #2 CRM

Common use cases



Automate manual, repetitive tasks

Challenge

Time-consuming, error-prone manual tasks such as copy-and-paste operations, data extraction, data entry, and data creation

Solution

Automate repetitive tasks within process flows using robotic process automation (RPA)



Example

Villeroy & Boch automated recurring tasks like general ledger postings, updating purchasing information records and more

[Read the customer story](#)



Enable “lights-out” automation of high-volume process steps

Challenge

High-volume process steps that must be completed time after time but don't require human intervention

Solution

Automate using unattended bots that can be scheduled or triggered when needed



Example

Chunghwa Telecom automated the transfer of 300 pieces of information required to generate a monthly bill

[Read the customer story](#)



Automatically aggregate data from multiple systems

Challenge

Tasks that involve accessing multiple applications that offer no suitable APIs

Solution

Automate data-transfers by mimicking user interactions on UI-level



Example

Singha Estate automated data mapping and reconciliation between disparate business applications

[Read the customer story](#)

Common use cases



Digitalize manual and semi-automated processes

Challenge

Paper- or e-mail-based loosely organized process

Solution

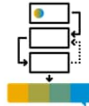
Structured digital process following to a defined flow, including variants and business rules



Example

Danone replaced an e-mail-based approval process with a mobile-enabled digital workflow

[Read the customer story](#)



Extend and adapt standard application flows

Challenge

Existing (or out-of-the-box) process no longer supports changing business requirements or requires customization

Solution

Process adjustment, variant or all new process extending existing application



Example

TasNetworks extended its SAP ERP with a mobile app to improve asset inspection process

[Read the customer story](#)



Automate comprehensive cross-application workflows

Challenge

Disconnected process stages running in different applications and locations

Solution

Orchestrated end-to-end process spanning cross different applications, systems, and services



Example

Toyota created end-to-end lead-to-cash and source-to-pay processes across SAP and 3rd-party systems

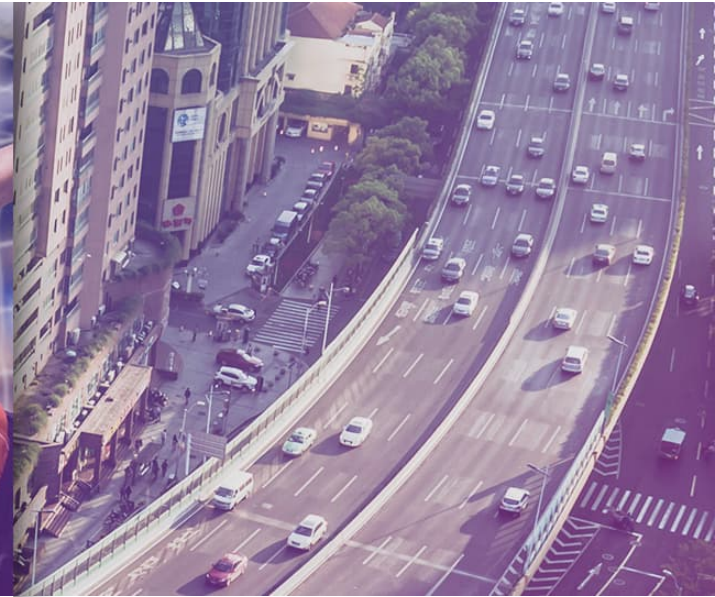
[Read the customer story](#)



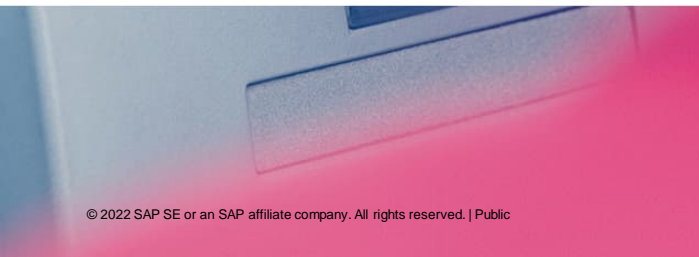
Rabobank



Daimani

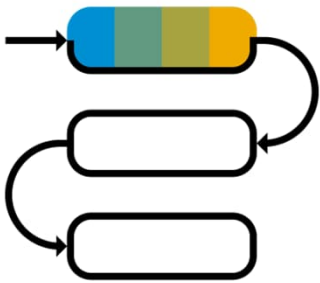


Costain



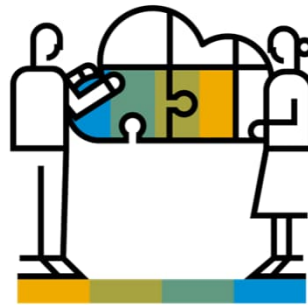
SAP Build Process Automation

A simpler and faster way to automate business processes



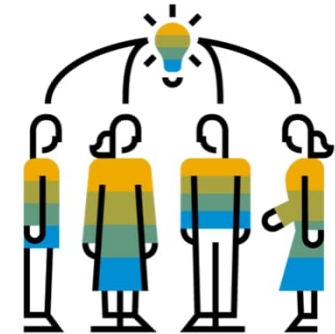
Automate visually

Simplify automation with drag-and-drop and AI capabilities



Integrate seamlessly

Automate faster using pre-built workflows, bots and connectors for SAP and non-SAP systems



Collaborate securely

Enable fusion team development in a secure and agile fashion

Become a SAP Builder and build your own process automations

Community & ecosystem as key drivers for fusion teams

Learn

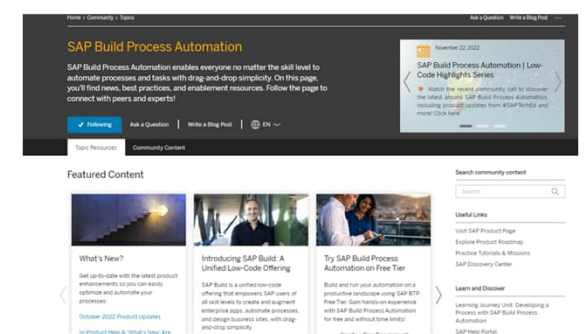
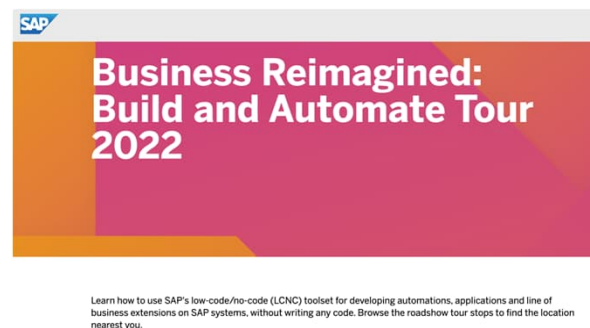
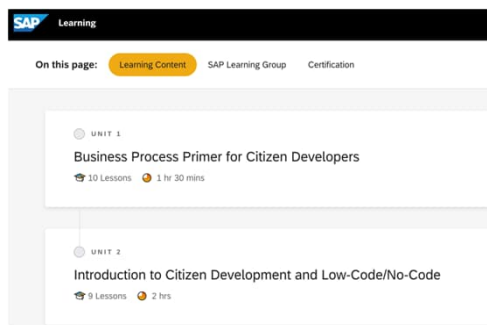
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Thank you.

Shantanu Sharma

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THE BEST RUN 

Appendix

Enable fusion team development

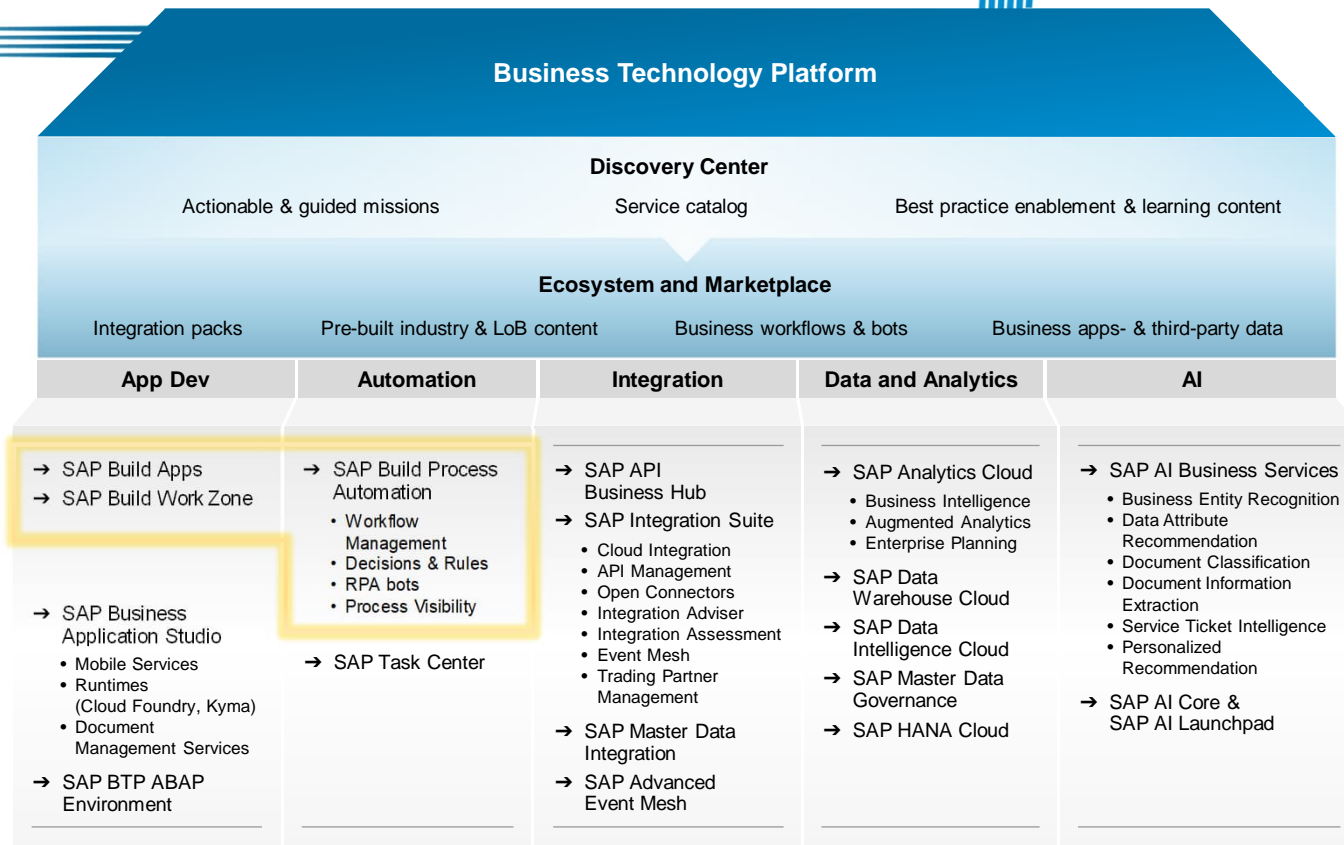
App development and automation with SAP Business Technology Platform



Enterprise readiness with holistic lifecycle management

- Change and deployment management
- Technical ops automation
- Alerting
- Smooth integration option into existing ALM processes

SAP Build

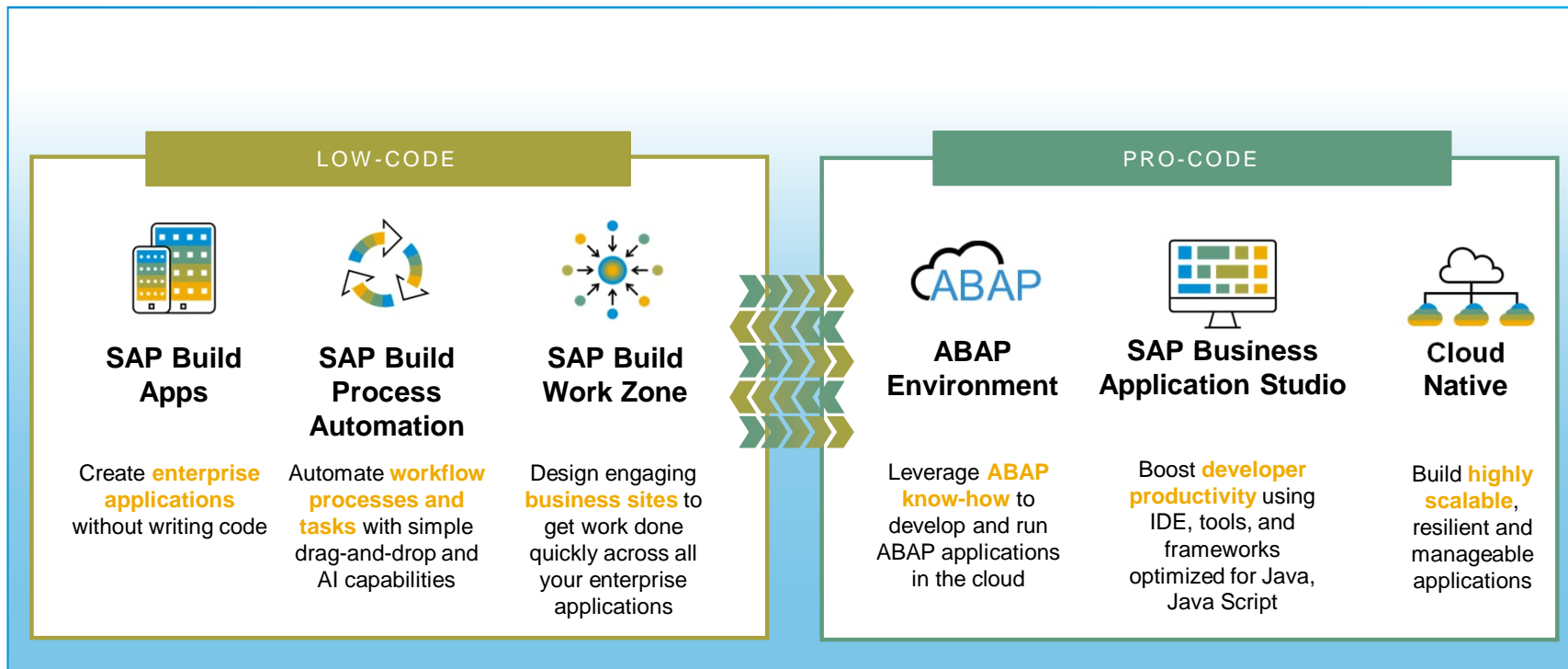


Enterprise security services and hybrid identity & access management

- Cloud identity services
- Risk & compliance
- Secure development

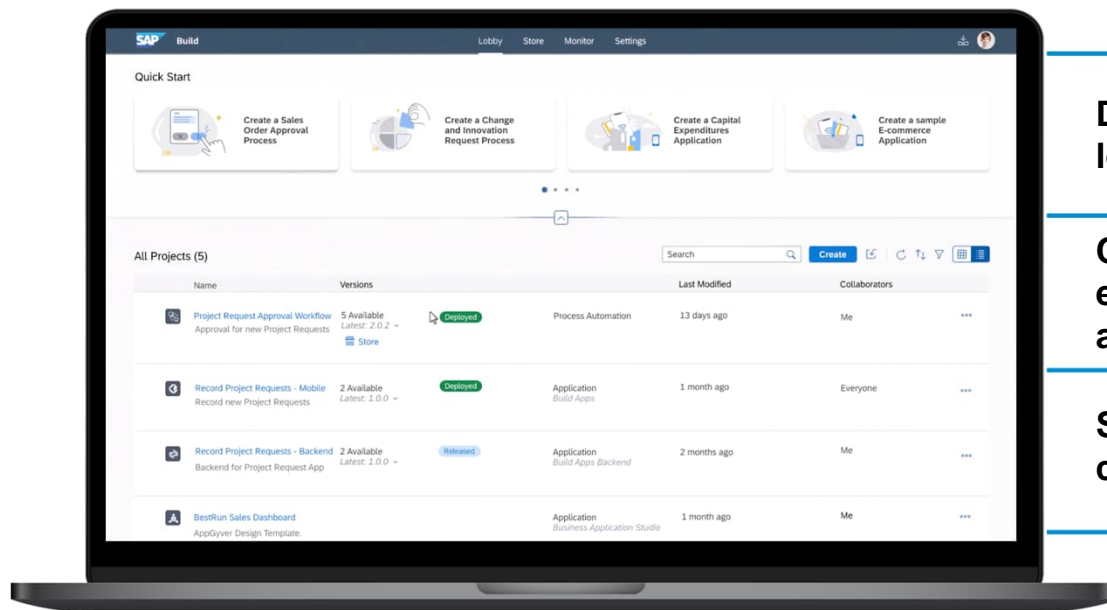
Enable fusion team development

Collaboration between low-code and pro-code



Enable fusion team development

Use the development tools that best fit the respective skill set



Developers can contribute complex logic created using pro-code tools

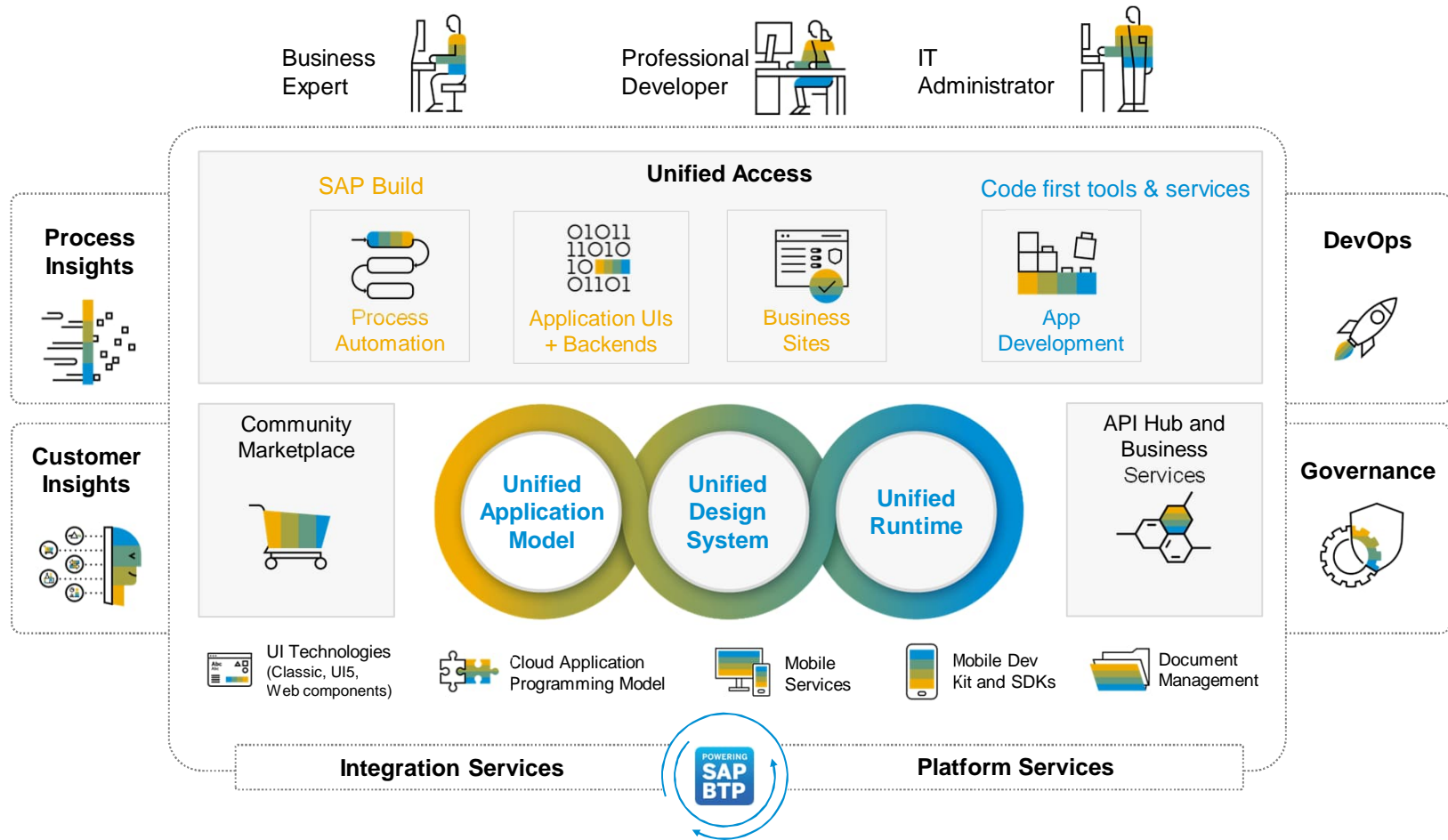
Central access from a unified lobby, easy to use export/import functionalities and shared artifact repositories

Sharing of artifacts facilitates creation of composable applications

Frontend, backend, and process components in project repository

Enable fusion team development

Use the development tools that best fit the respective skill set

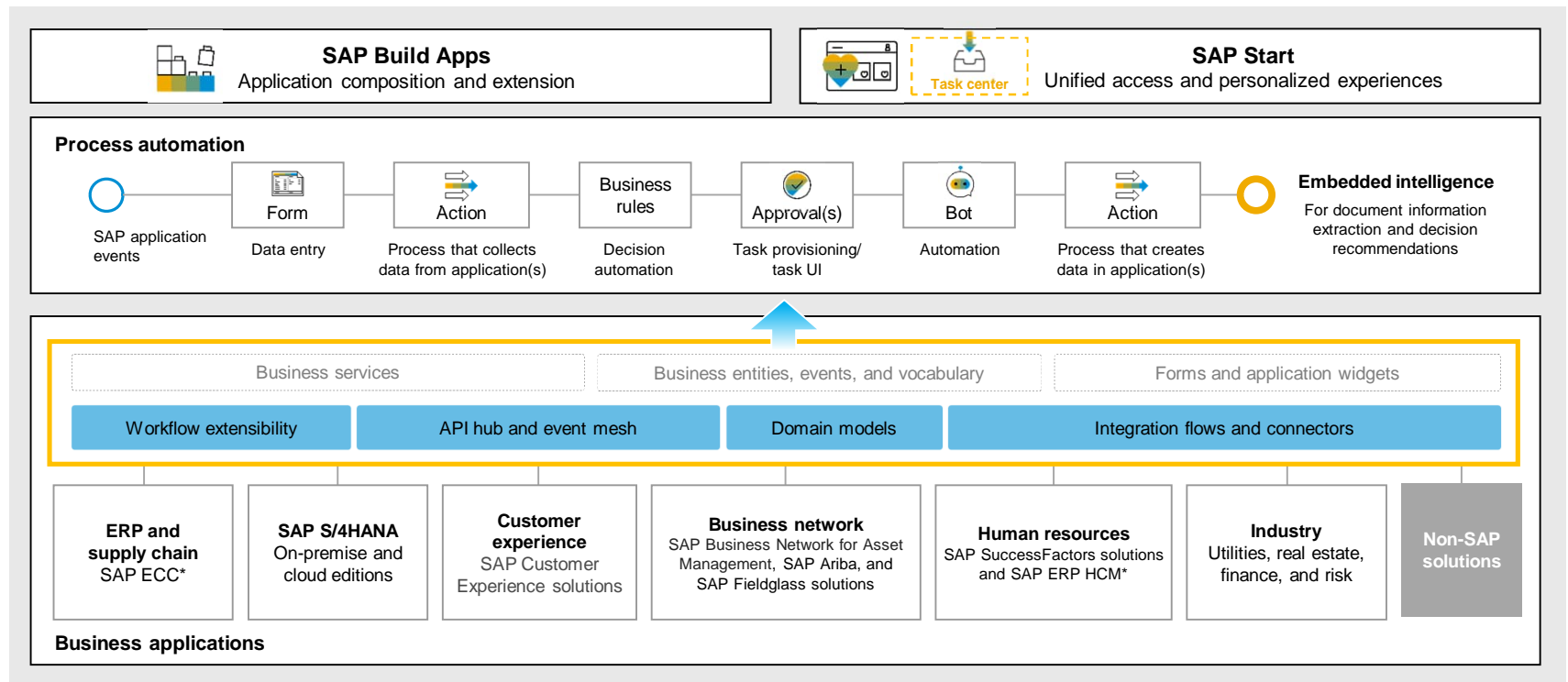


Native access to SAP application data and processes

Discover the full power of your business applications

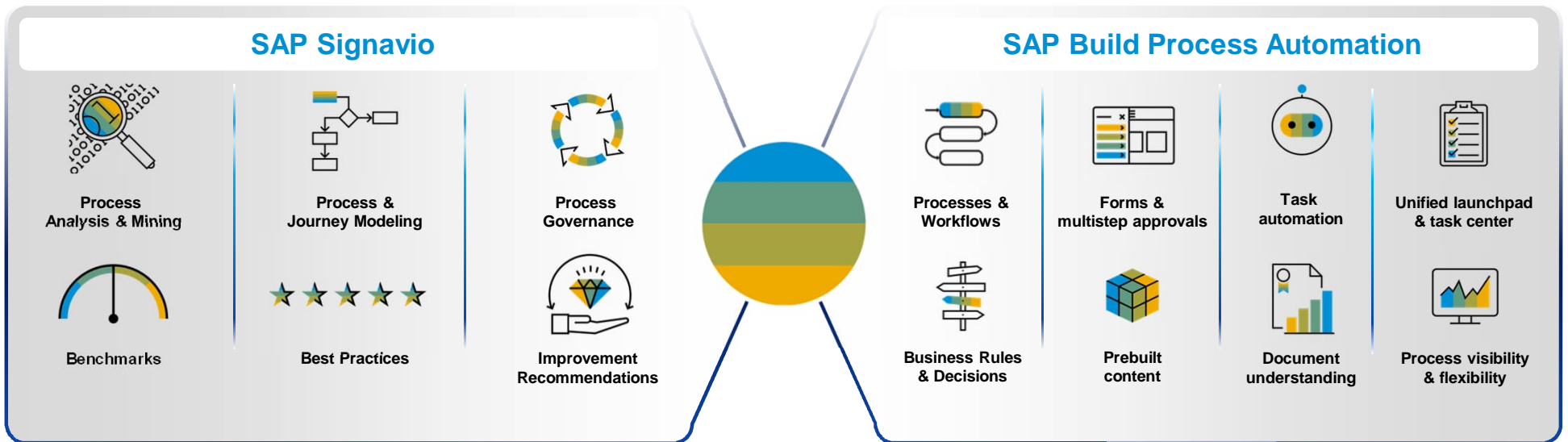
Process extensions, cross-LoB workflows, and automations require semantic access to business objects, data, and services with:

Event integration | Data entry and forms with value helpers and context | Actions to create, read, update, and delete business records | Automated tasks



SAP Signavio & SAP Build

Combining capabilities to accelerate business transformation



SAP Process Insights Recommendations

- 135+ tailored recommendations for SAP Build Process Automation available

SAP Signavio Process Intelligence Action Triggers

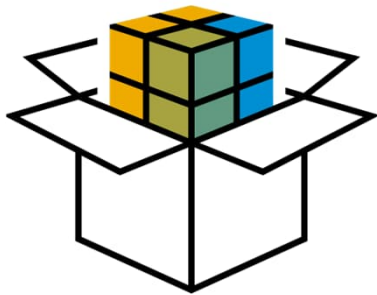
- Ability to **trigger automated actions** through APIs from SAP Signavio Process Intelligence; ability to trigger process automations (workflow, bots)

Workflow / Process Governance

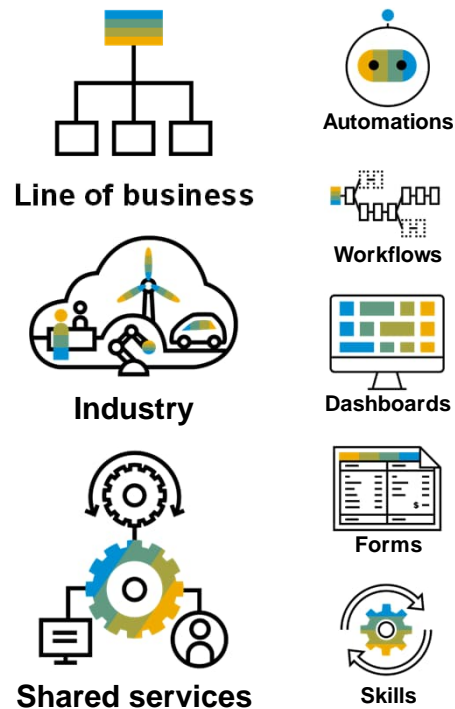
- SAP Build Process Automation complementing SAP Signavio Process Governance

Accelerate business transformation with prebuilt content packages

Jump-start automation development while making use of best practices



Hundreds of
content packages



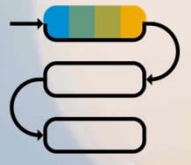
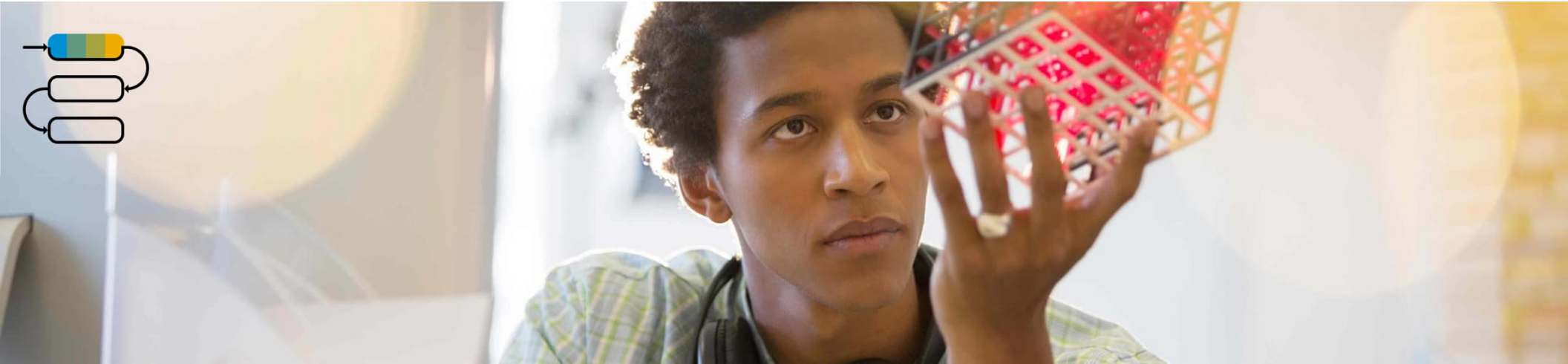
Automations and process extensions for:

- SAP S/4HANA
- SAP ECC
- SAP SuccessFactors solutions
- SAP Ariba solutions
- SAP Business ByDesign
- SAP Fieldglass solutions
- Industry cloud solutions for automotive

Covering every LoB and several industry best practices:

- Sales
- Finance
- Procurement
- Human resources
- Supply chain
- Asset management
- Sustainability
- Cross-LoB
- Retail
- Utilities
- Manufacturing
- Automotive
- Real estate and more

Increase the power of your business application



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- Learn more: [SAP Help Portal](#) | [SAP Learning Journey](#) | [Tutorials](#)
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