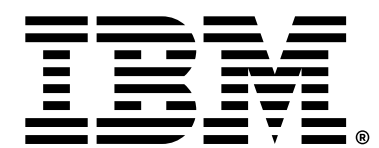


SAP Transformations

Entering the LoCode - NoCode era with SAP Build

April 4, 2023



Agenda

1. Current vs. Future Development Approach
2. SAP No Code / Low Code with SAP Build
3. Q&A



[Caitlin Moulund](#) – Partner,
S/4HANA Public Sector, IBM



[Manas Sharma](#) – Technical
Architect, SAP Services, IBM

Current vs. Future Development Approach

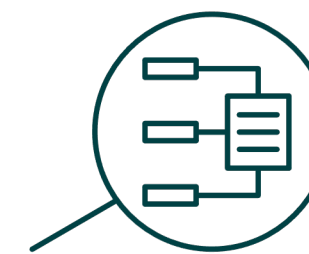
1. Evolution of SAP Engagements
2. Key Customer Asks for Next-Gen ERP Transformation
3. IBM Clean Core Services & Benefits
4. Introduction to SAP Build



Evolution of SAP Engagements

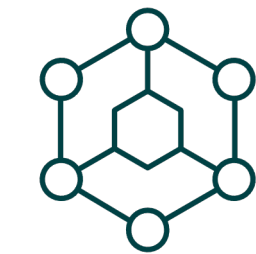
We see an evolving trend *from the traditional System of Record ERP* based solutions to the era of the *Intelligent and Sustainable Enterprise*.

This is enabled by modern business platforms, delivering completely *new ways of working (Experience)* by making solutions *Simpler (Efficiency), Smarter (Effectiveness), Greener (ESG) and more Connected*



ERP-Centric Solution focused on Transactional Excellence

- Focus on Process Standardization
- Characterized by largely SAP-based solutions as the basis for the end-to-end process capabilities
- Typically focused on exploiting some of the new features in S/4HANA and leveraging some of the native capabilities around in-built automation and AI.
- Based on Clean Core, and modern extensibility principles ie. Building S/4HANA the right way!



Lean(er) or Composable ERP balancing Front End Agility with Back End Standardization

- Modularized Application Architecture
- Set the context for ERP
- Higher Emphasis on the “connected enterprise” with enterprise data models and modern enterprise integration
- Use of Process Automation solutions to orchestrate the e2e processes
- Design SAP using Clean Core Principles so the Back-End system doesn’t become a bottleneck for business agility

Intelligent Enterprises from transactional excellence to *intelligent workflows*

- Redefining how work gets done in enabling experience-led solutions
- The solutions extend beyond ERP, to leveraging data to turn manual work to intelligent insights
- Leverage new PaaS (Business) Platforms eg BTP, Azure Power Platform, AWS etc.
- Make work simpler, smarter and more connected
- Embed Sustainability lenses in core operations
- Focused on a design for change philosophy, with agility being the key design principle

Key Customer Asks for Next-Gen ERP Transformations

We are evolving from the traditional System of Record ERP based solutions to the era of the *Intelligent and Sustainable Enterprise*. This is enabled by modern business platforms, delivering completely *new ways of working (Experience)* by making solutions *Simpler (Efficiency)*, *Smarter (Effectiveness)*, *Greener (ESG)* and *more Connected*

Intelligent Solutions

Continuous Insights & Optimization

Shift from transactional flows to Intelligent Workflows that are continuously mined, benchmarked and optimized

Operationalize Sustainability (ESG)

Going Beyond just ESG Reporting to embedding Sustainability outcomes into everything we do with *IBM Sustainability Solutions for SAP*

Simpler and Smarter Industry and LoB Solutions

Consume insights into core business processes that simplify and improve the quality of the outcomes with *IBM Industry Cloud Solutions for SAP*

Platform (Enable Intelligent Outcomes)

Composable Solutions & Lean(er) ERP

Next Generation of Application Architecture is balancing the role of ERP with best-of-breed solutions. **New Industry Cloud Solutions from IBM leveraging Impact + Evolution**

Get Back to Standard: Clean Core

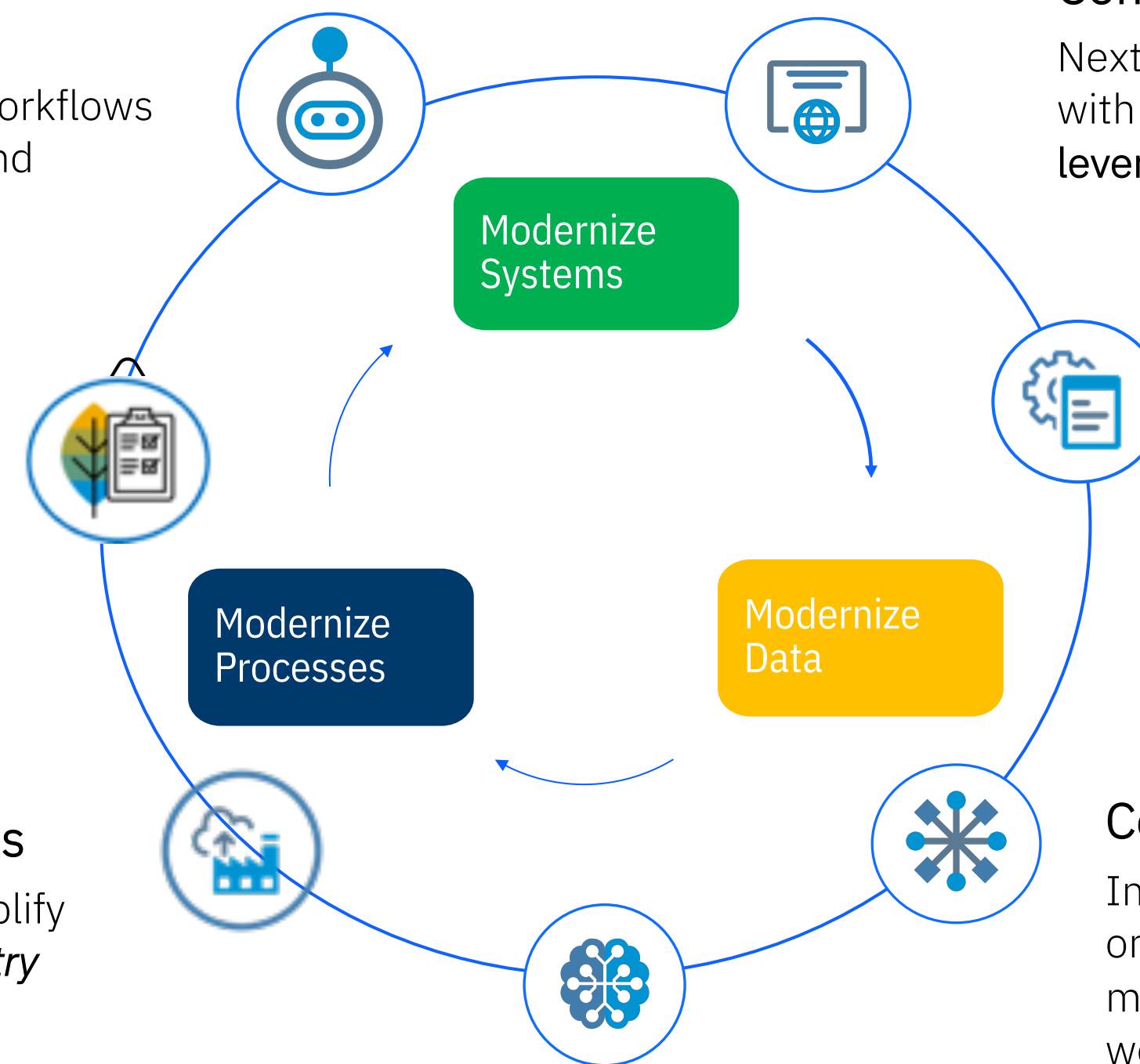
Build ERP the Right Way. Shifting away from traditional / classical approaches of extending the application to cloud native extensions and Low Code Composable Solutions with *IBM Clean Core solutions for SAP*

Connected Enterprise

Increasing complex application landscapes places higher emphasis on Enterprise Integration and Enterprise Data Models + Need to move from Application silos to connected and orchestrated workflows

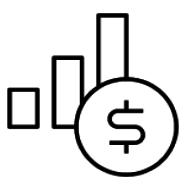
Extend and Innovate

Embed Extreme Automation & Advanced Analytics & AI to redefine how work gets done, shifting manual execution to an experience-led design that embeds intelligence into operational design of the e2e workflow processes

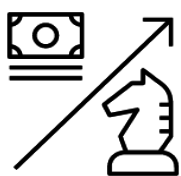


IBM Clean Core Services & Key Benefits

Benefits of IBM SAP CleanCore



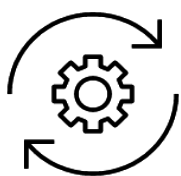
Reduce the Total Cost of Ownership (TCO)



Reduce the cost of the S/4HANA migration



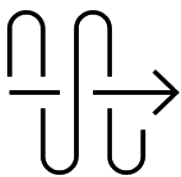
Rationalize and modernize code



Operationalize automation



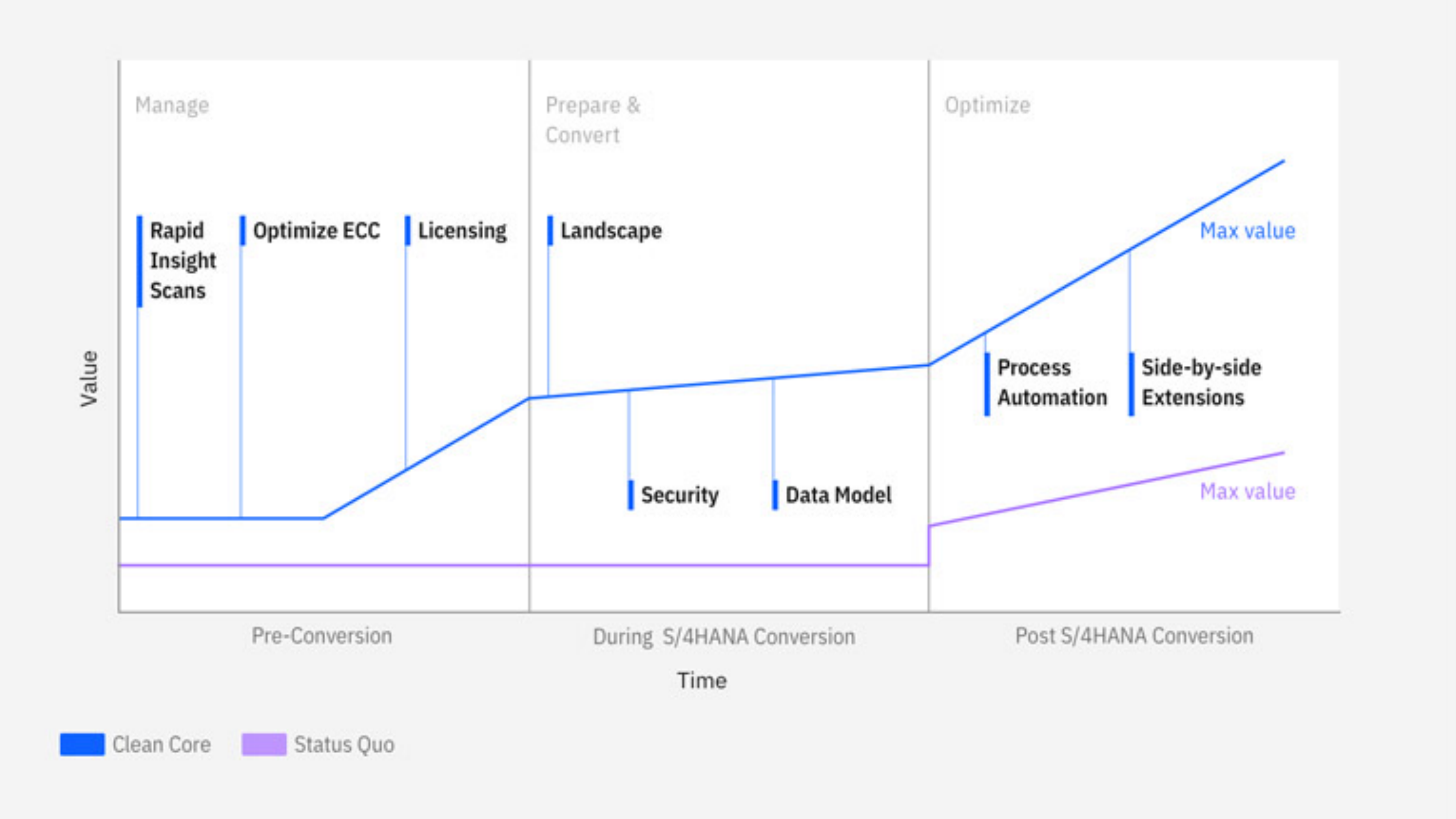
Strengthen governance



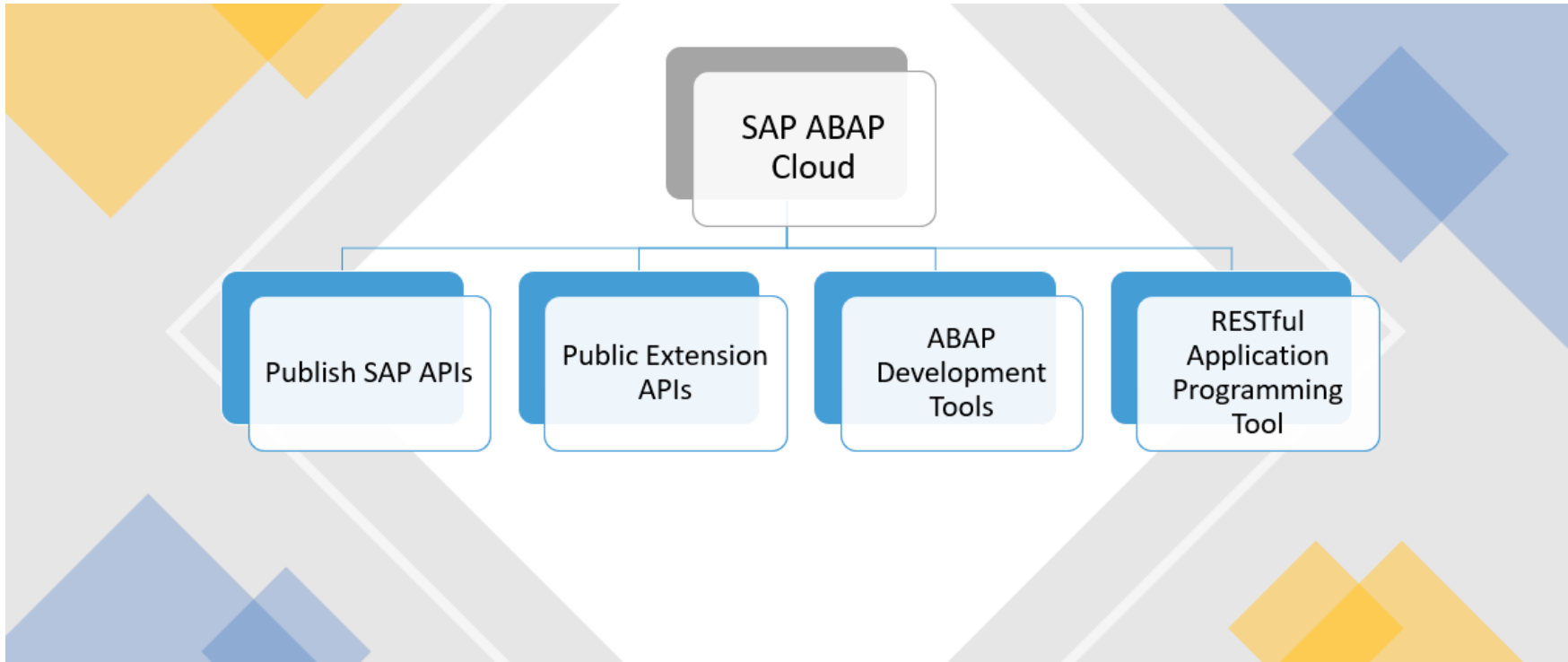
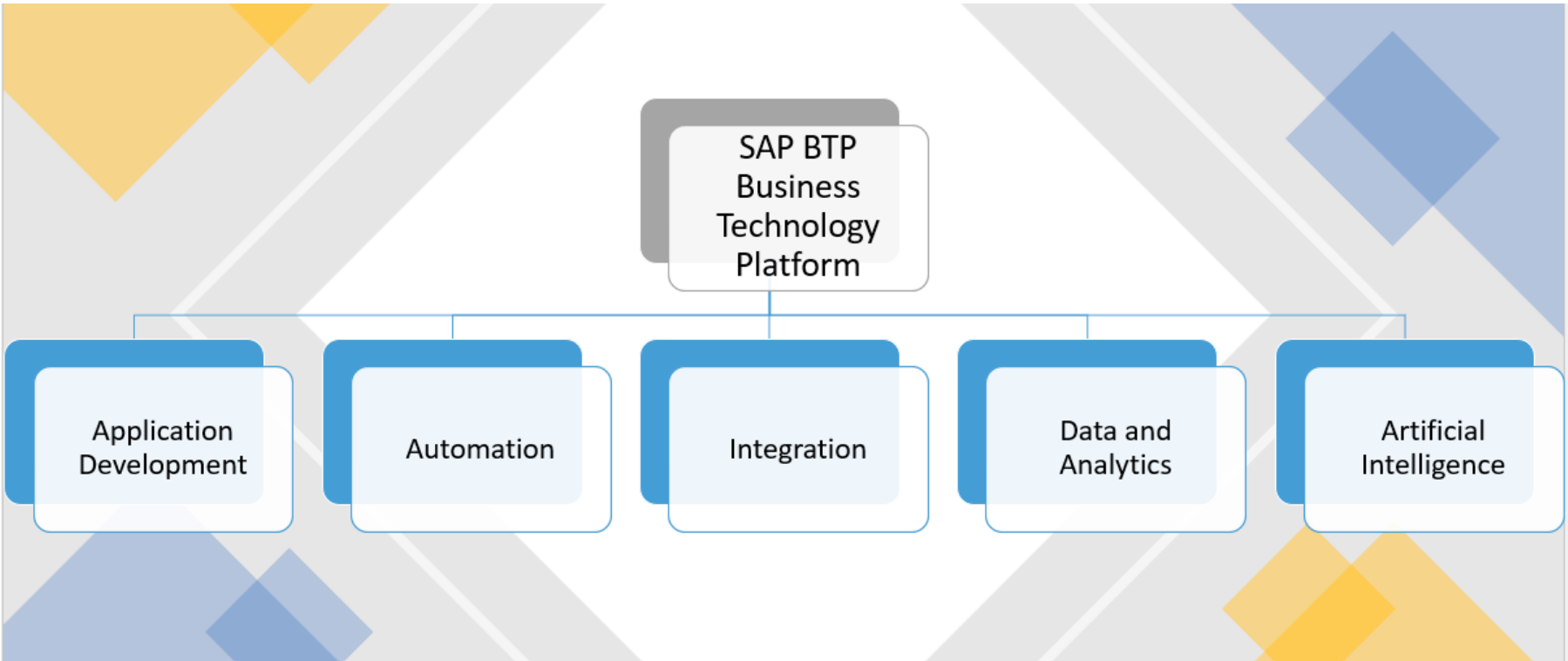
Integrate more efficiently



Drive sustainability initiatives



Build Visually, Integrate Seamlessly and Collaborate Securely



SAP Build
Build Visually.
Integrate Seamlessly.
Collaborate Securely.

Visual Cloud Functions

SAP Build Apps

SAP Build Work Zone

SAP Build Process Automation

SAP Builders Program

1,300
Use-Case Specific
Workflows and Automations

AI
Capabilities

SAP Signavio
Integration

SAP S/4HANA and
Other SAP & Non-SAP
Application Data Access

ABAP Cloud
Available in all
SAP S/4HANA
Editions

**SAP Business
Application
Studio**
Runs on VS Code

**3,000,000
Developer
Community**

CAP
Multi-Tenancy

Event Mesh
Integration

SAP BTP
iOS SDK

Feature
Toggle

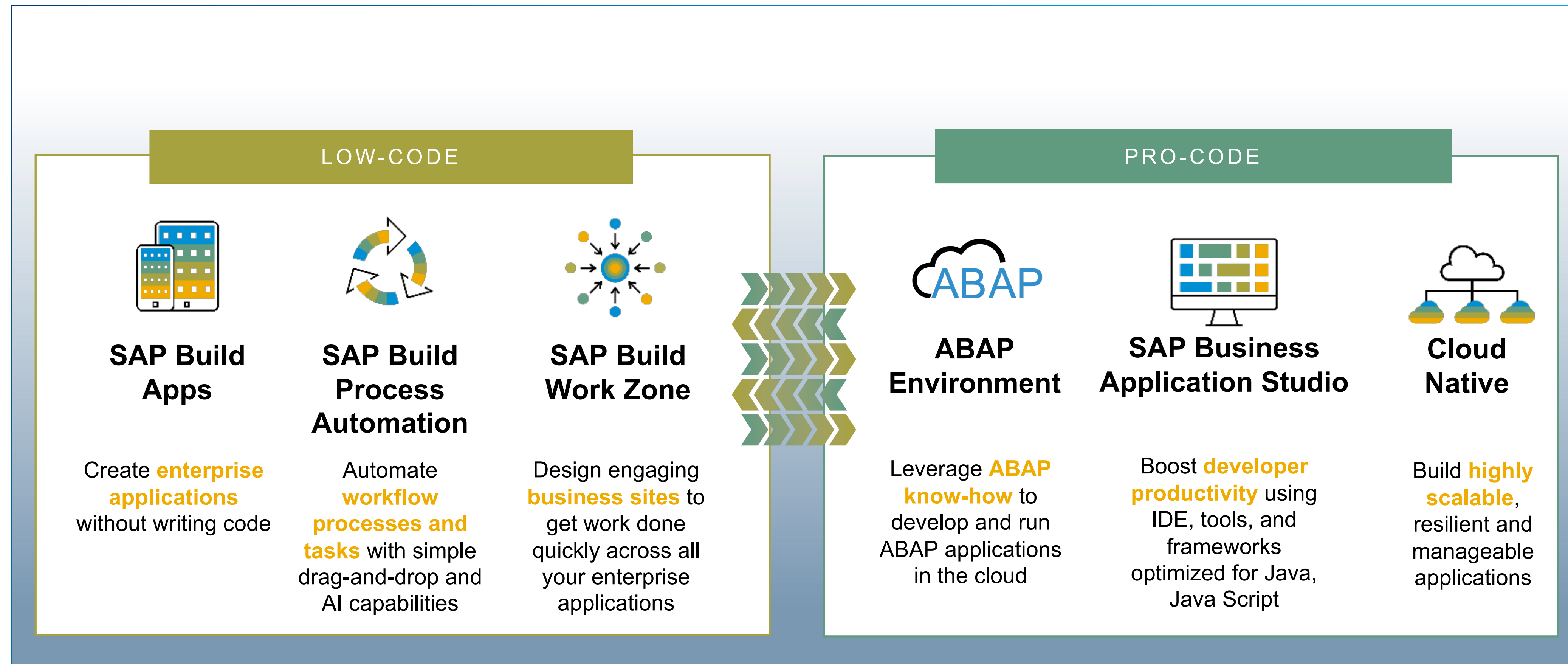
Kyma
Support

Extensibility

SAP No Code / Low Code with SAP Build

1. SAP No Code / Low Code Tools
2. SAP Build Apps
3. SAP Build Process Automation
4. SAP Build Work Zone
5. Identify Opportunities with Low Code / No Code
6. The Future: Accelerate Innovation with Low Code
7. SAP Build Work Zone Examples

SAP No Code / Low Code / Pro Code Tools Offerings

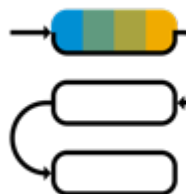


SAP Build

Create enterprise apps, automate processes, design business sites with drag-and-drop simplicity



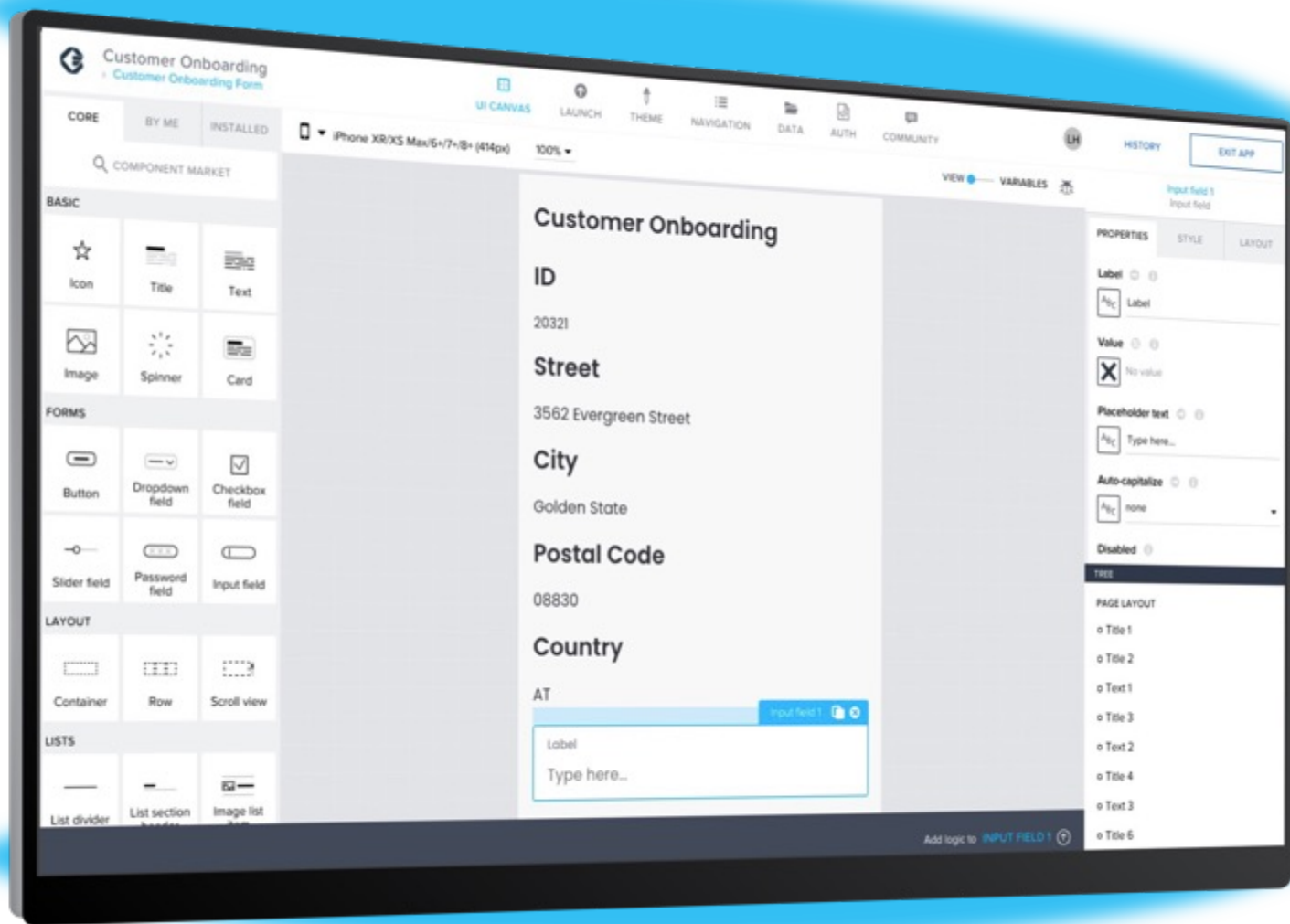
Compose apps



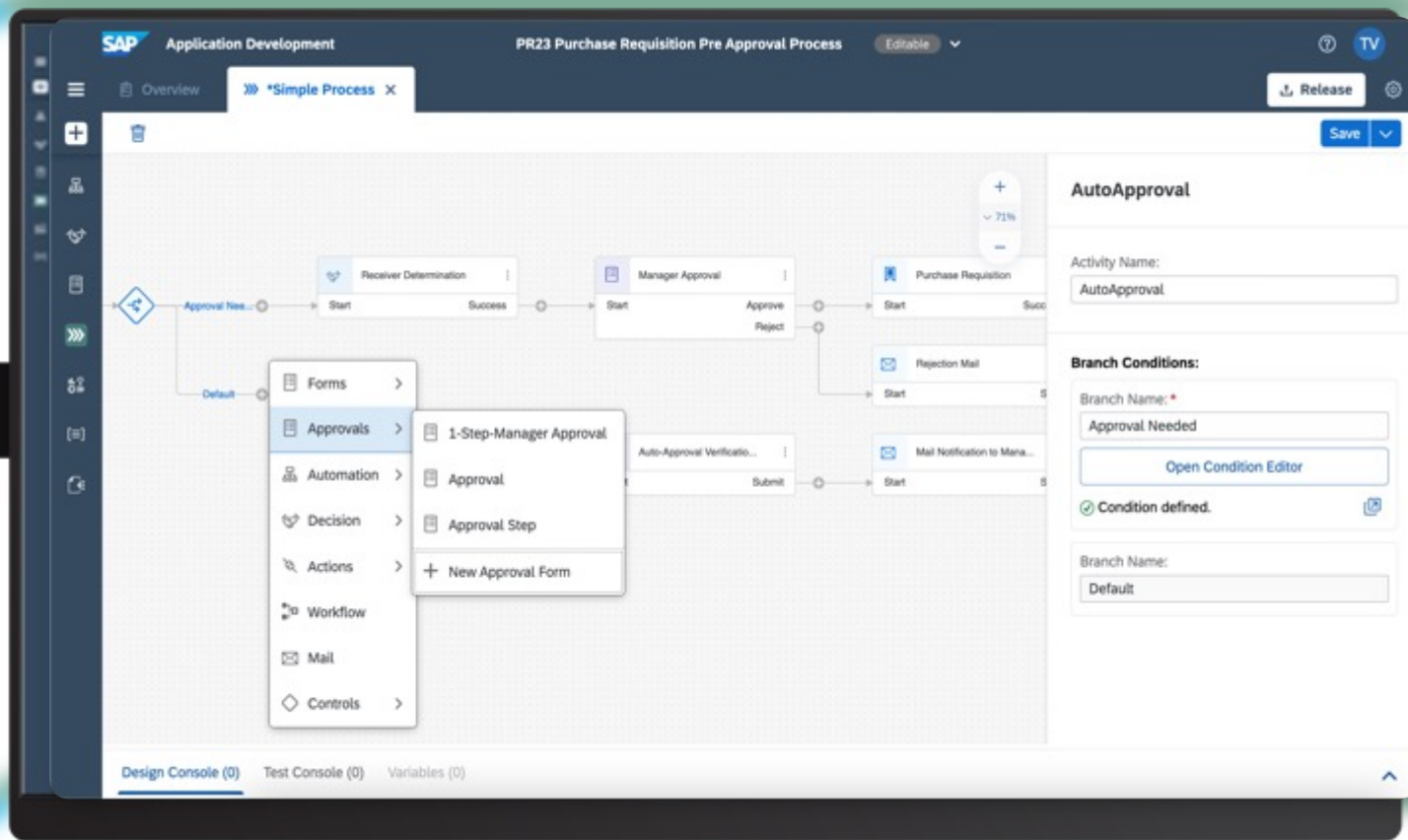
Automate processes



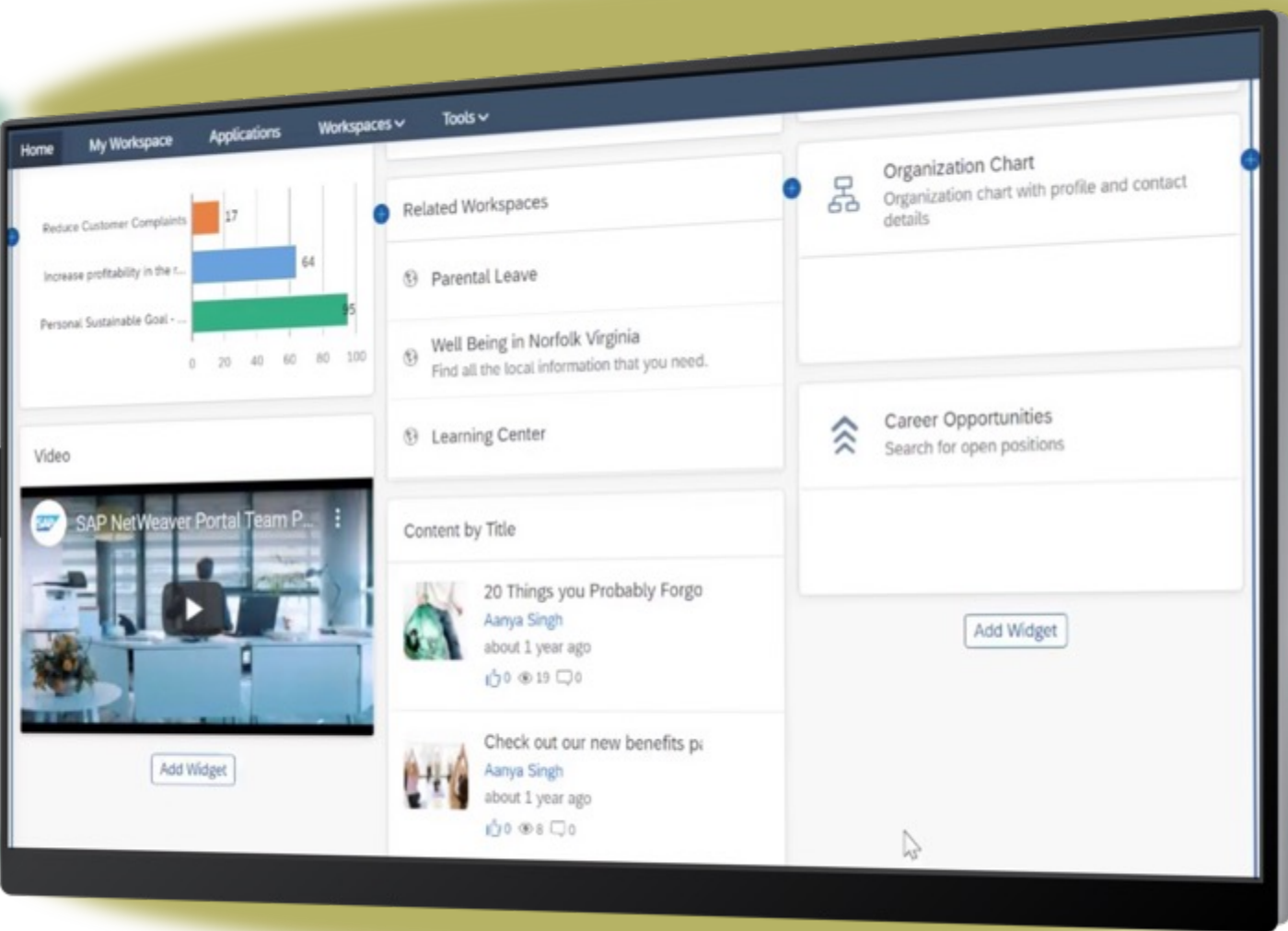
Design business sites



SAP Build Apps



SAP Build Process Automation



SAP Build Work Zone

Build Visually

Integrate Seamlessly

Collaborate Securely

SAP Business Technology Platform

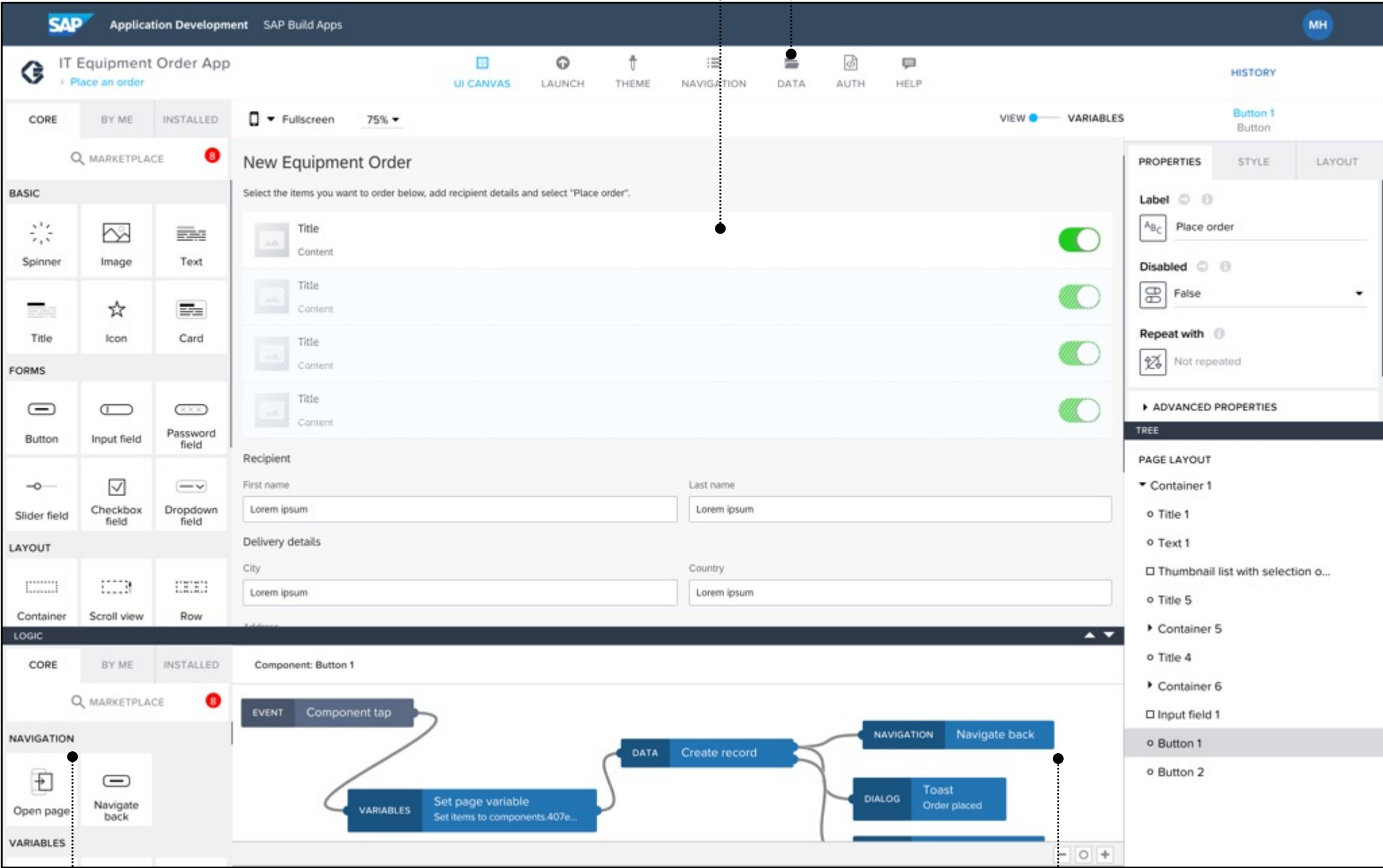
SAP Build Apps

Powerful features for full-stack visual development

Drag & Drop UI Design

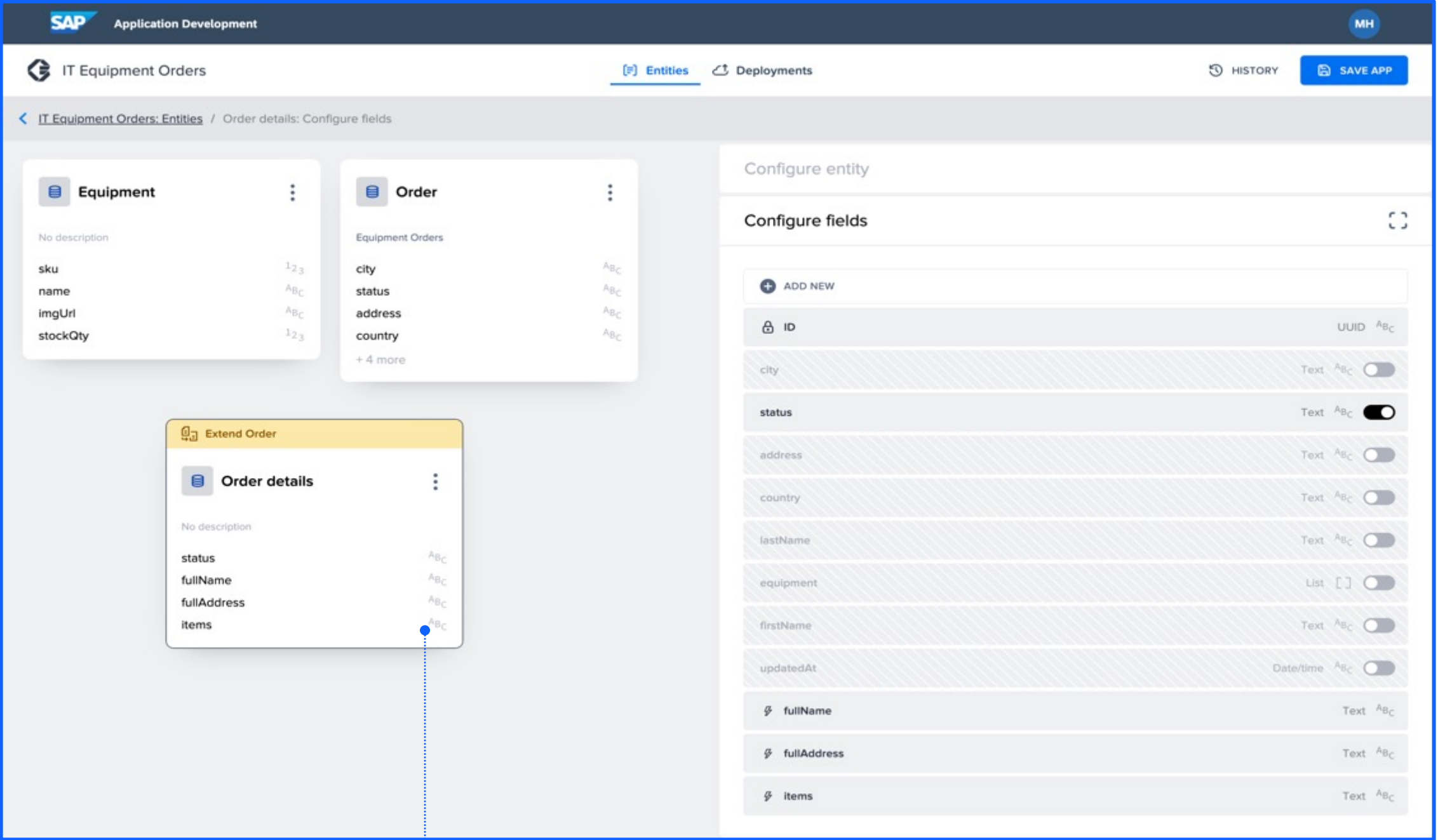
Multi-channel support

Formulas for data transformation and API connectivity



Customizable components and 400+ built-in formula functions

Visual business logic

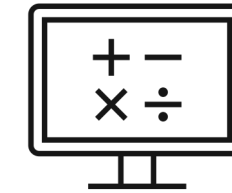


NEW: Visual data modeling with visual cloud functions

SAP Build Apps – Portfolio



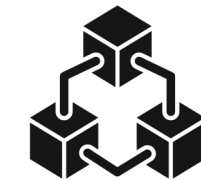
Stand-alone & SAP App Extensions



Wide Collection of Formula Functions



Development Continuum



Simple Data Modelling



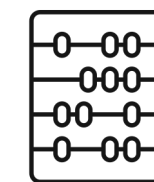
Cross Platform support



Rich set of UI controls, theming, layout

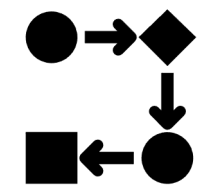


Graphical Editor and Logic Canvas

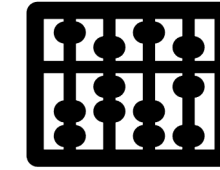


Enterprise scale governance through BTP

SAP Build Process Automation



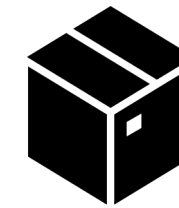
Processes & Workflows



Business Rules and Decisions



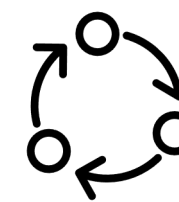
Forms and Multi-Step Approvals



Pre-Built Contents



Process visibility & Flexibility



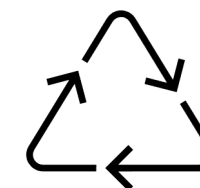
Task Automation



Unified Launchpad & Task Center



Document Understanding



Reusability of artifacts across the Processes

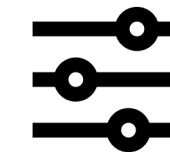


Easy Integration

SAP Build Workzone



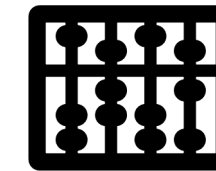
Intuitive Page Building and Authoring



Flexible Customization and extensibility



Interactive Workspace



Personalized and Role-based user experience



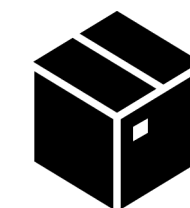
User Engagement and Knowledge Management



Secure and central access to apps, task and processes

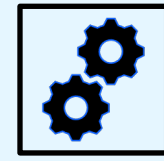


Context aware UI Cards and Content Widgets



Business content from SAP solutions and third party apps

Identify Opportunities with Low Code / No Code Development



Repetitive tasks that can be automated



Increased turnaround time required



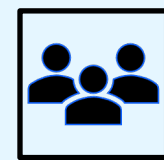
Application uses confidential data



Require a custom integration with external and internal applications

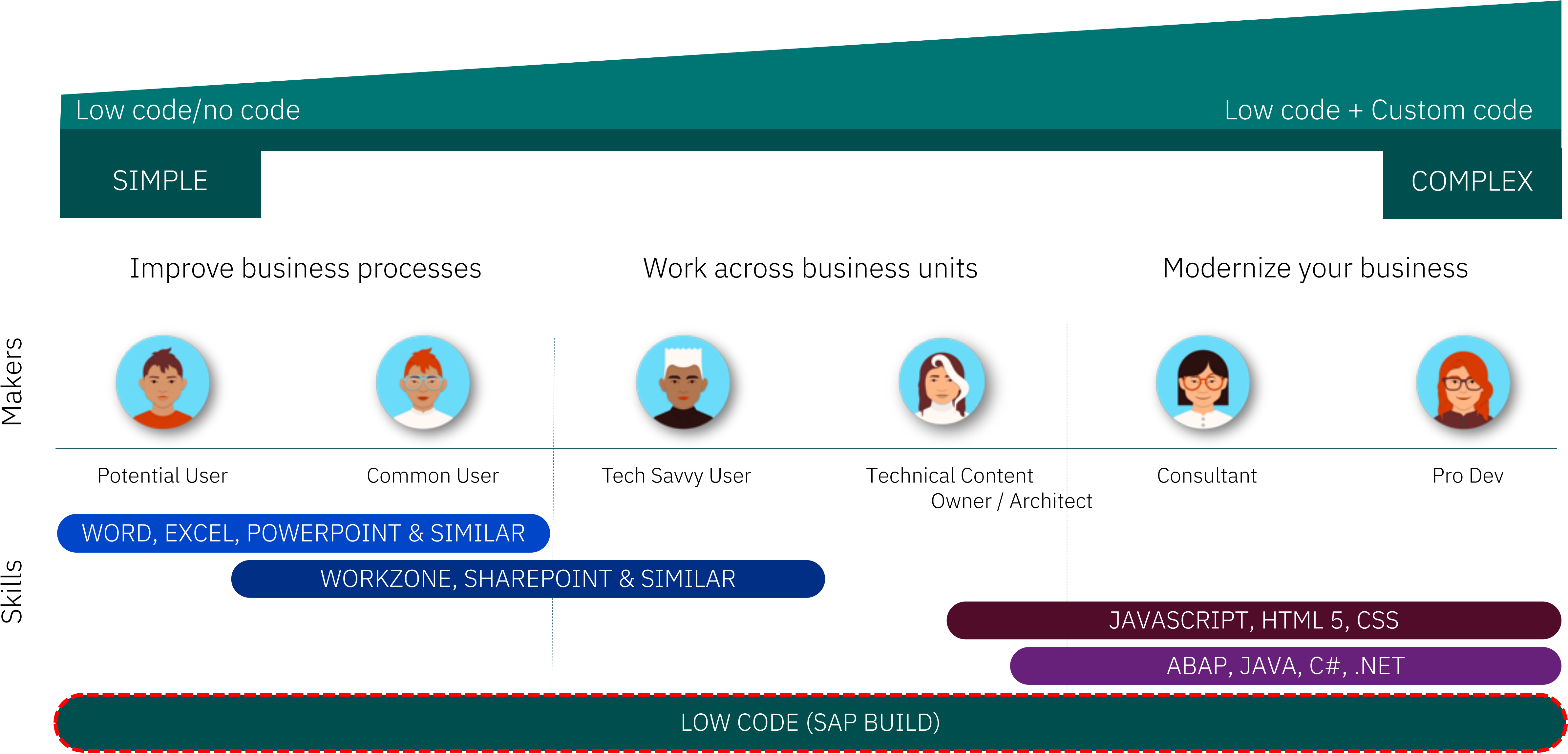


Manual processes causes missed KPIs and increase in inefficiencies

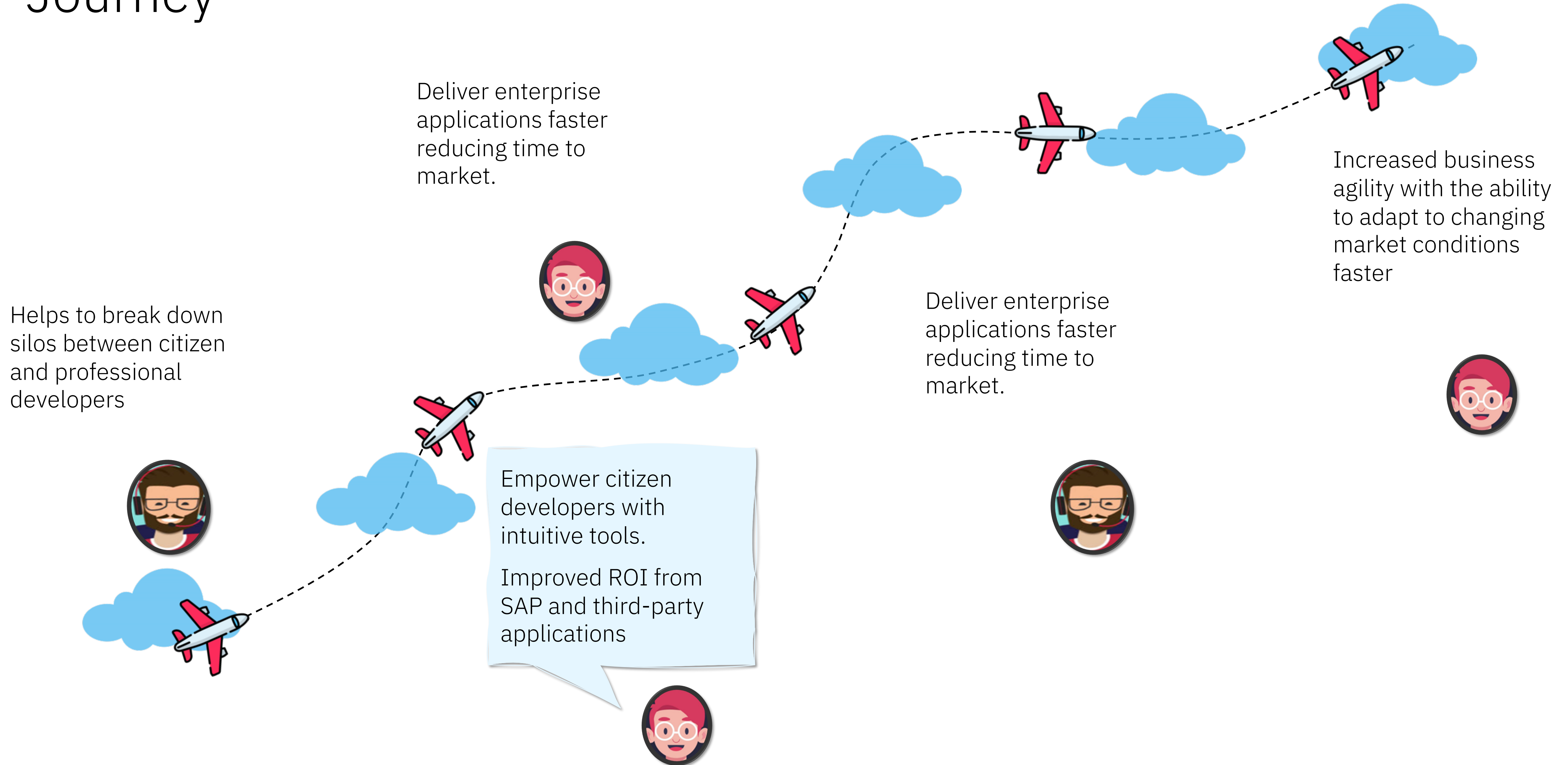


Organization requires retention of code control

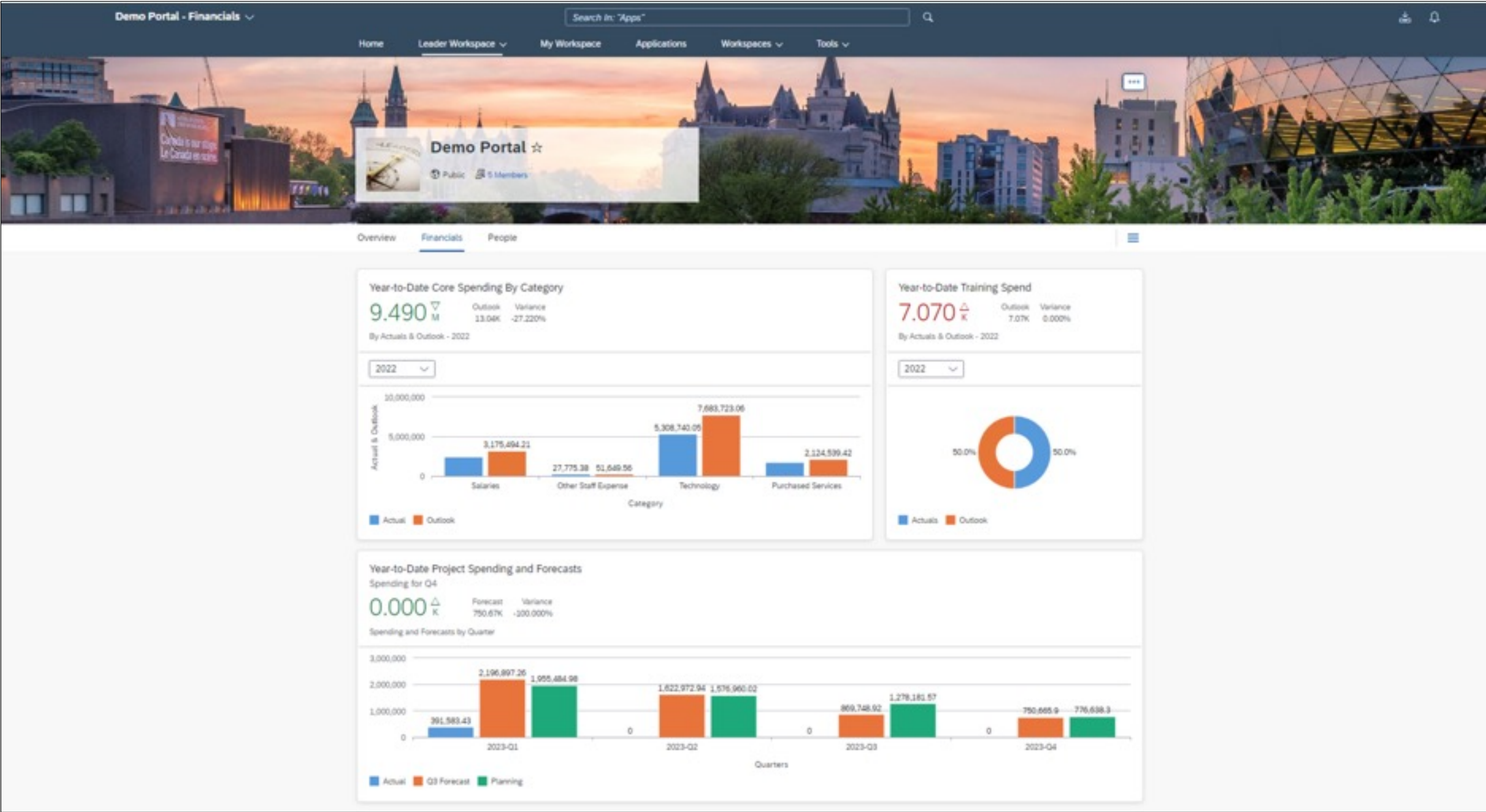
The future: Accelerate innovation with low code to do more with less



SAP Build – Ensuring Turbulence Free App Development Journey



Work Zone Example – Financial Custom UI Integration Cards



Work Zone Example – Success Factor Integration

SAP Task Center

This Workspace Search for This Workspace...

3 All 3 SuccessFactors 0 Others

Task Center

Refresh Tasks

Search: Search by Task Title Task Type: Priority: Status: Created Within: MMM d, y - MMM d, y

Due By: MMM d, y Go Clear Adapt Filters

Tasks (3)

Task	Priority	Created By	Status	Created On	Due	Actions
Goals, Coaching & Feedback SuccessFactors task	Medium		Open	Mar 7, 2023		>
Goals, Coaching & Feedback SuccessFactors task	Medium		Open	Mar 3, 2023		>
Goals, Coaching & Feedback SuccessFactors task	Medium		Open	Mar 3, 2023		>

2023 Performance & Development Plan

Actions

Route Map

Introduction

Goals

Core Competencies Reference

Leadership Competencies

Route Map

1

Goals, Coaching & Feedback

①

2

Year-End Recap & Recommendation

①

3

Year-End Calibration

①

4

Outcomes Discussion

①

5

Employee Comments

①

6

Completed

①

Introduction

Goals

Core Competencies Reference

Change Contributor

Effective Communicator



SAP Build

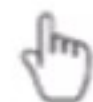
Create

What would you like to do?



Build an Application

Use SAP Build Apps to create web and mobile applications, including cloud-based backends for data and business logic.

[Learn more](#)

Build an Automated Process

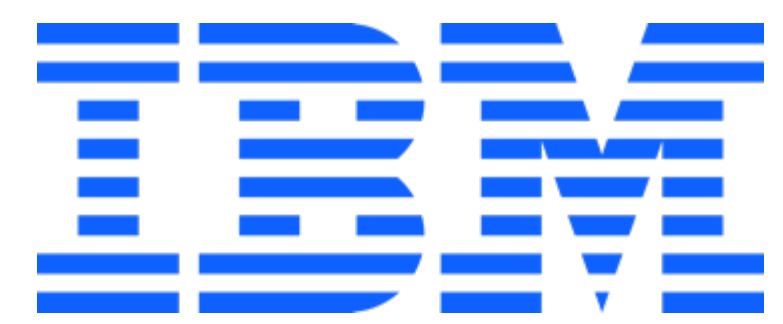
Use SAP Build Process Automation to automate processes and tasks with drag-and-drop simplicity.

[Learn more](#)

Build a Business Site

Create and customize business sites with an easy no-code experience.

[Learn more](#)[Cancel](#)

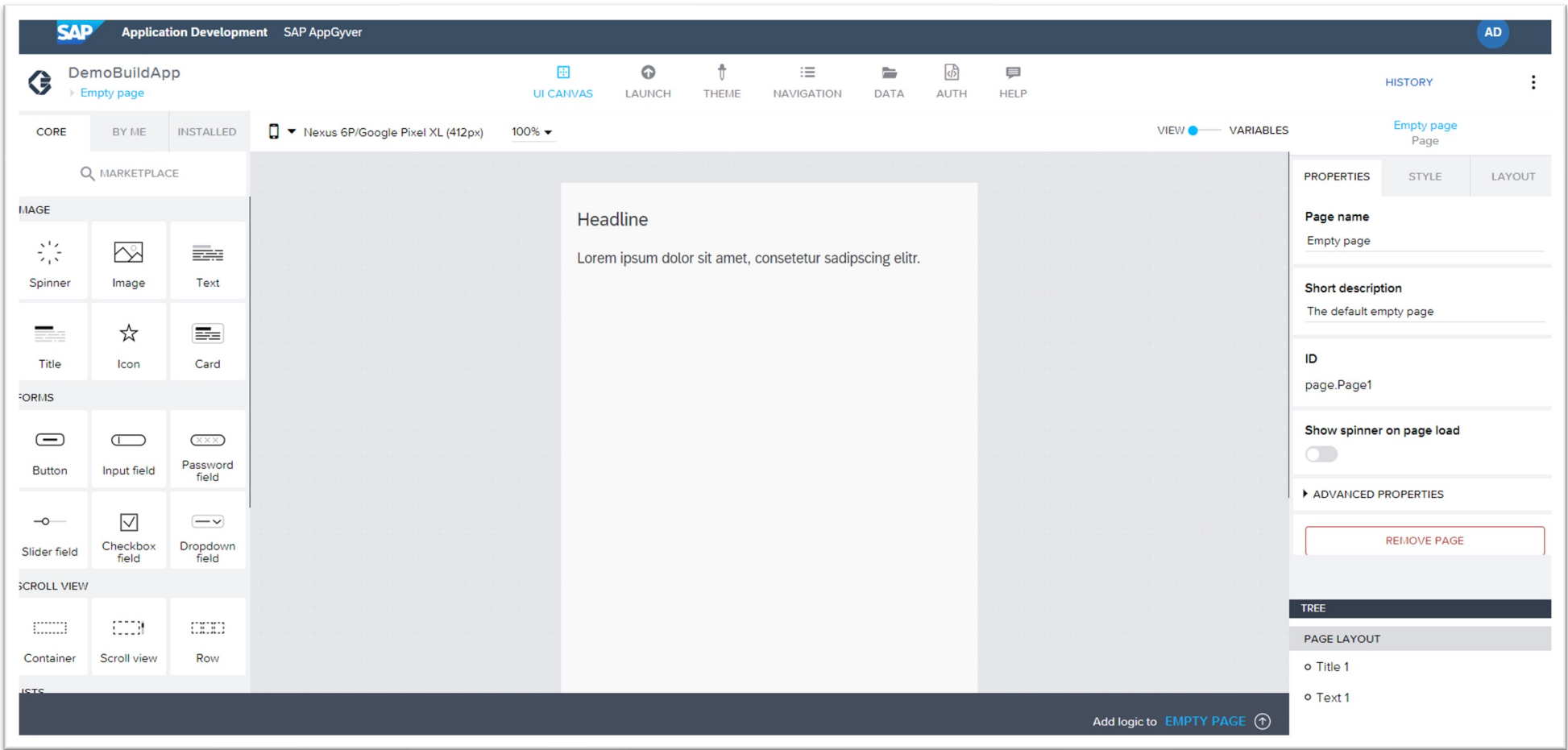


Appendix

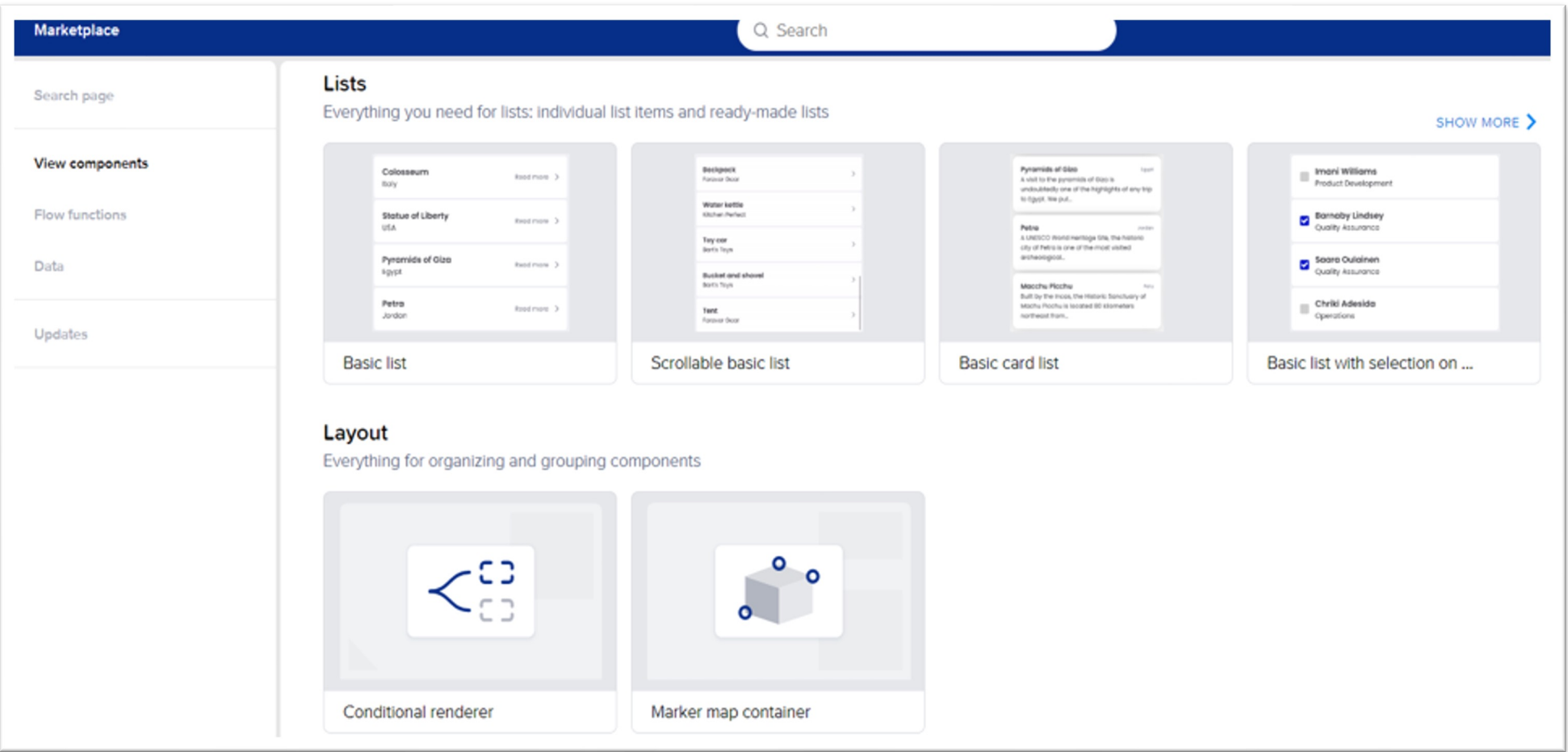
1. Snapshots – SAP Build Apps
2. Snapshots – SAP Build Process Automation
3. Snapshots – SAP Build WorkZone

SAP Build Apps – Snapshots

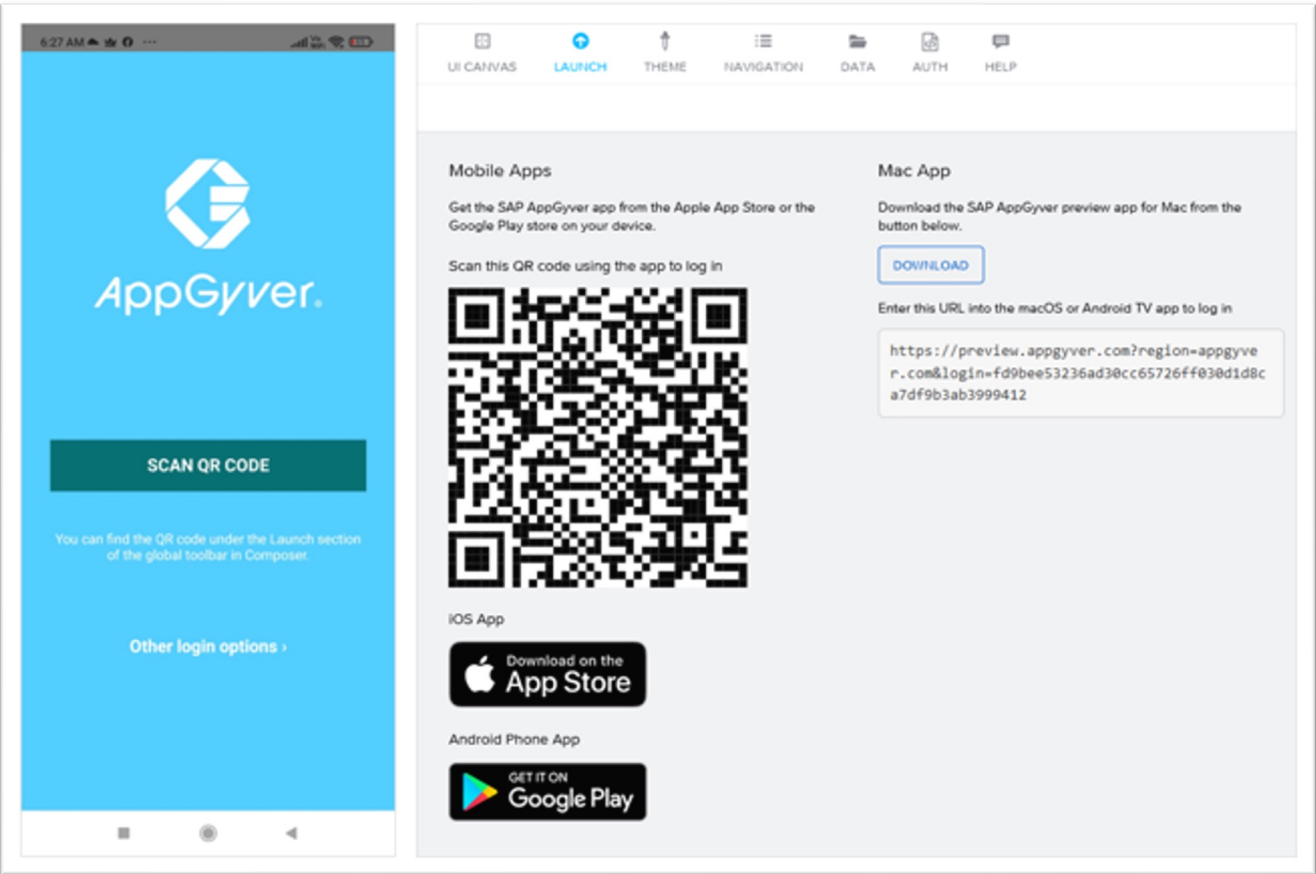
Visual Composer enables drag-n-drop based development of Business application



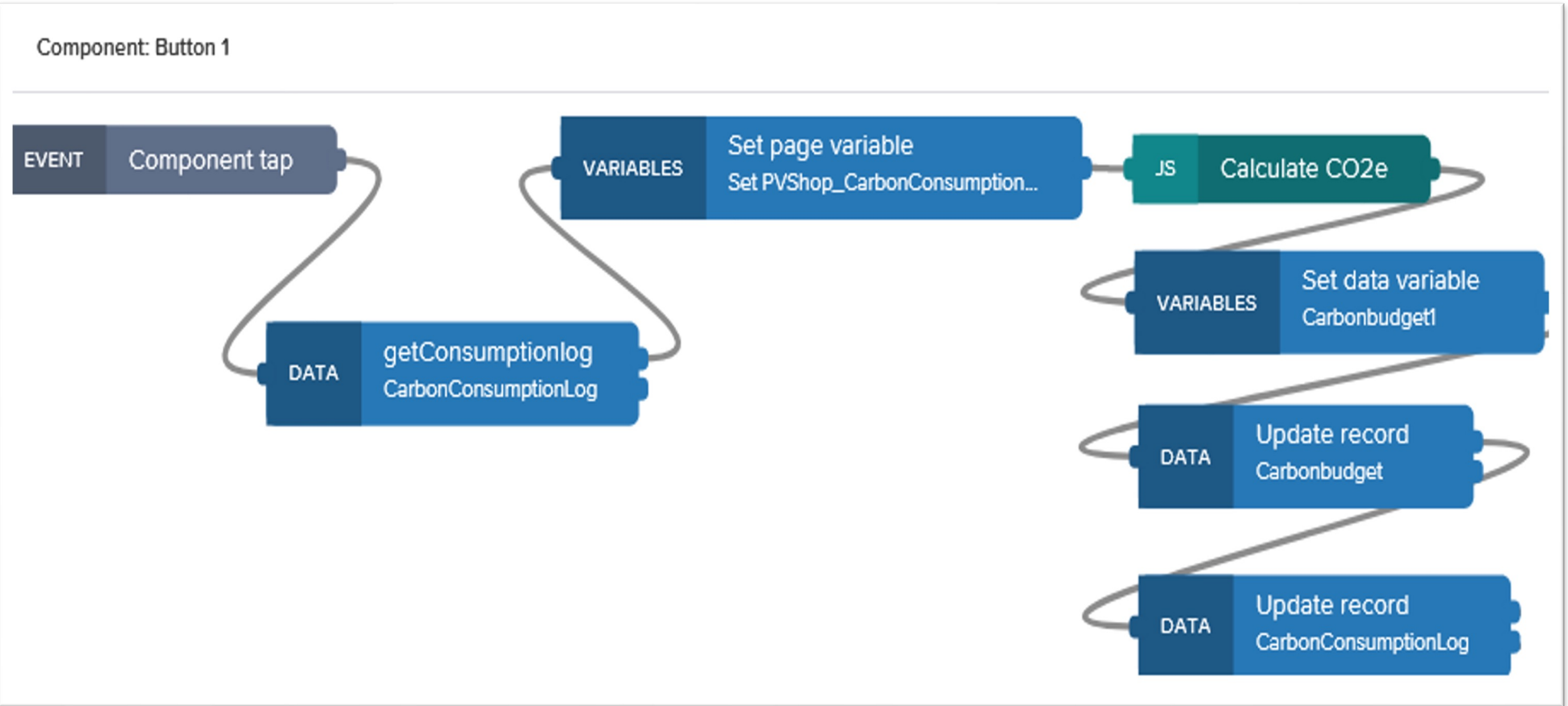
Robust Marketplace with a rich collection of controls including provision to create custom control



Easy to bundle release for market supporting multiple platforms



Create Business Logic graphically through simple configuration and mapping using Logic Canvas

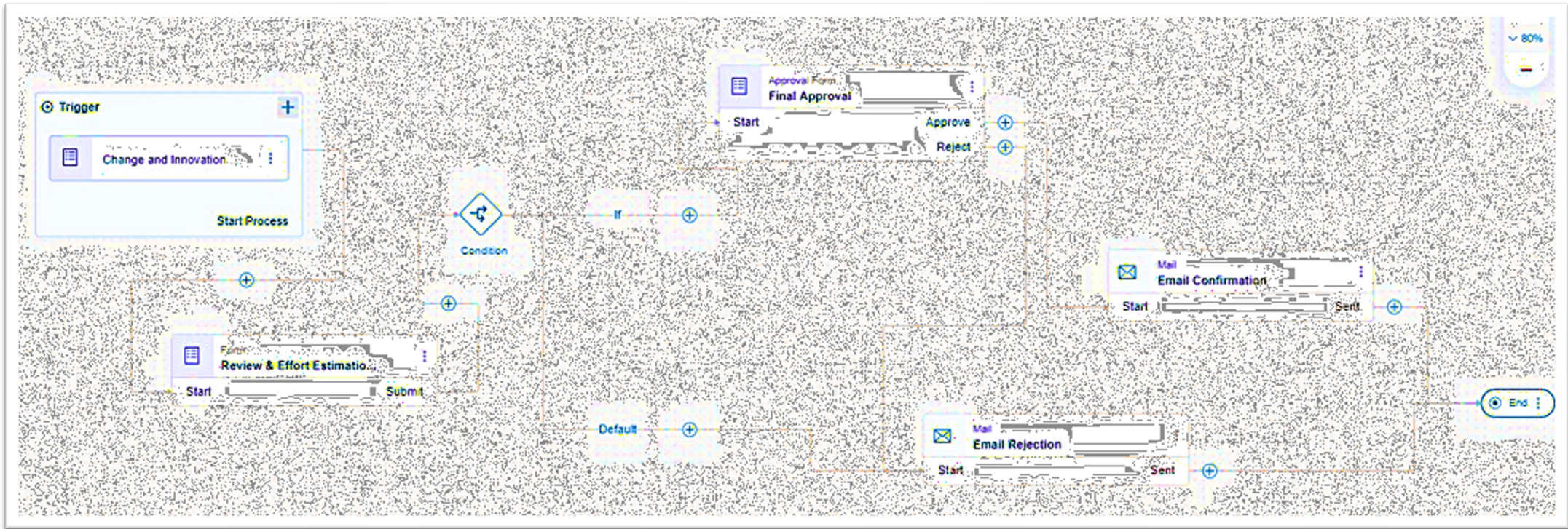


Inject Script as needed by leveraging rich collection of formula function.

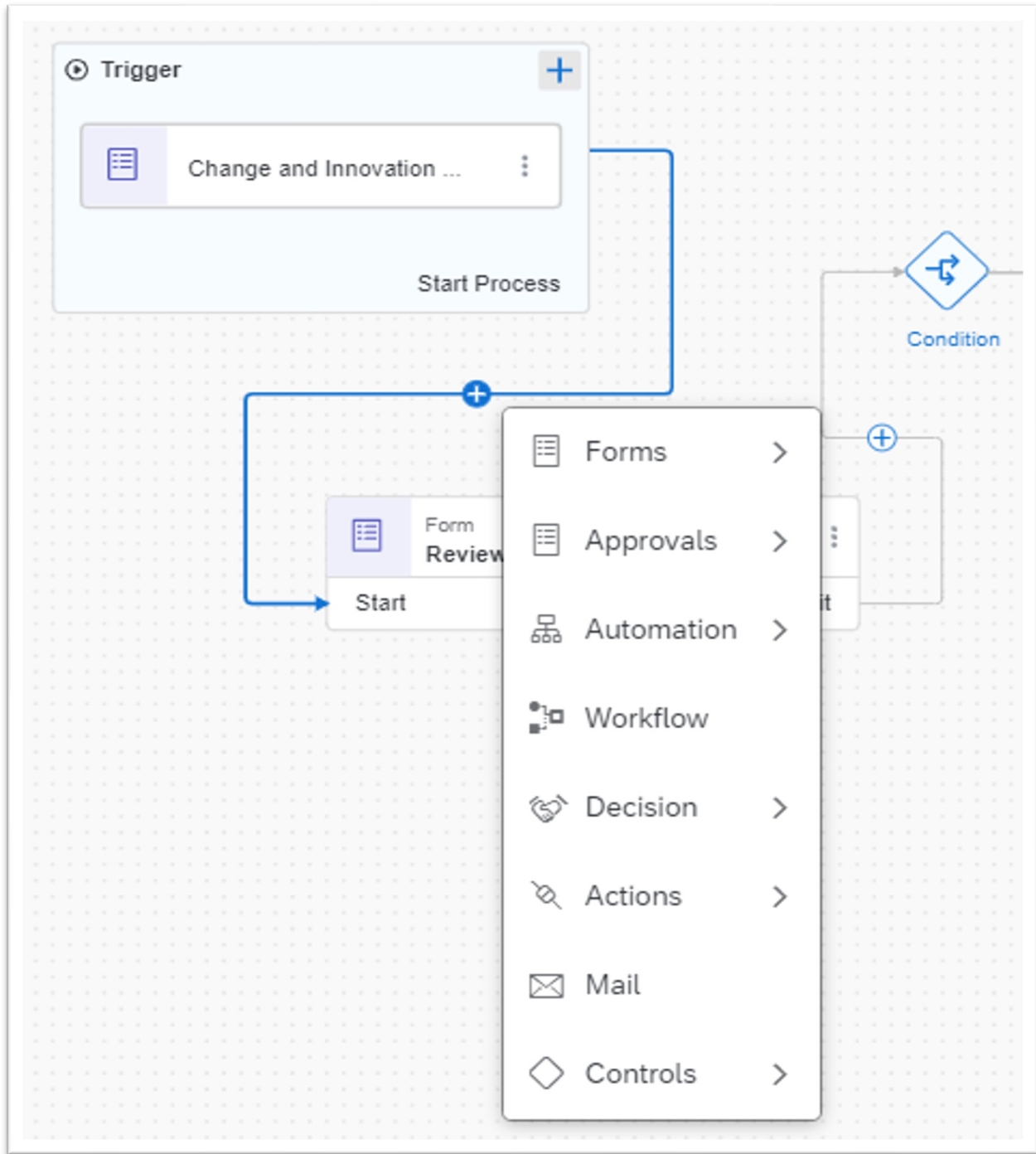


SAP Build Process Automation - Snapshots

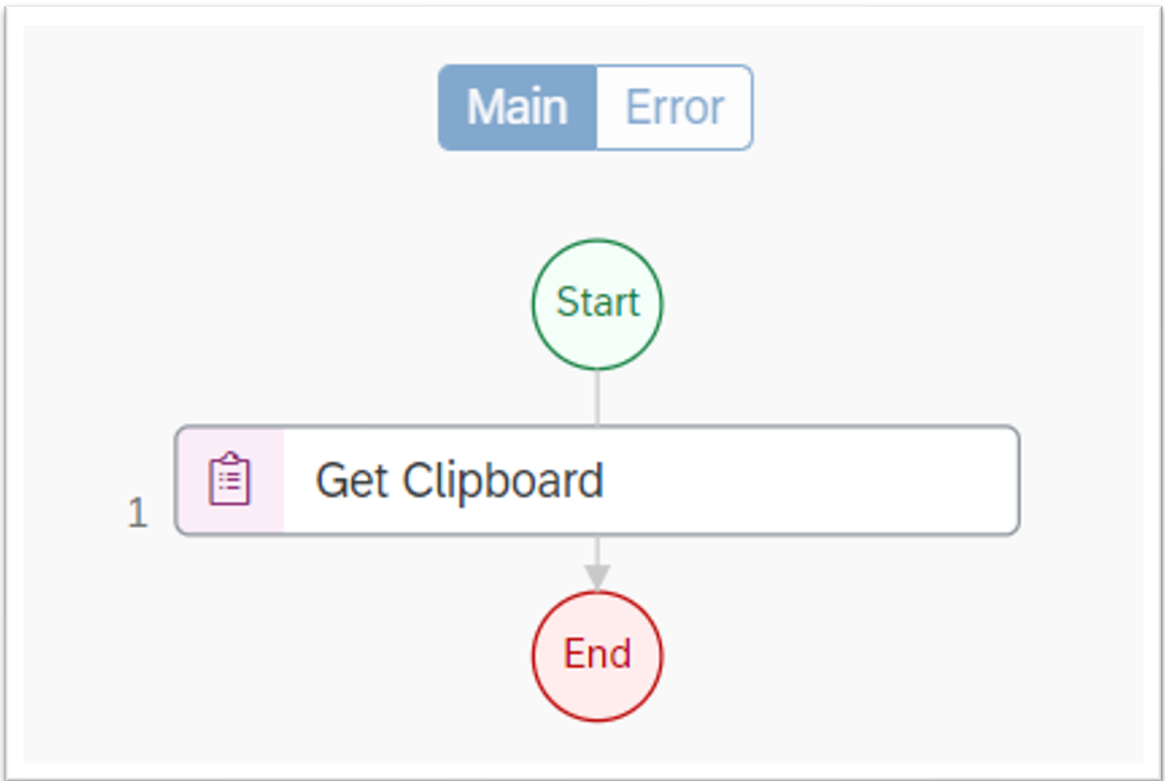
Unique Process Builder



Various Integration Capabilities to address robust business processes



Drag-n-Drop based automation flow design



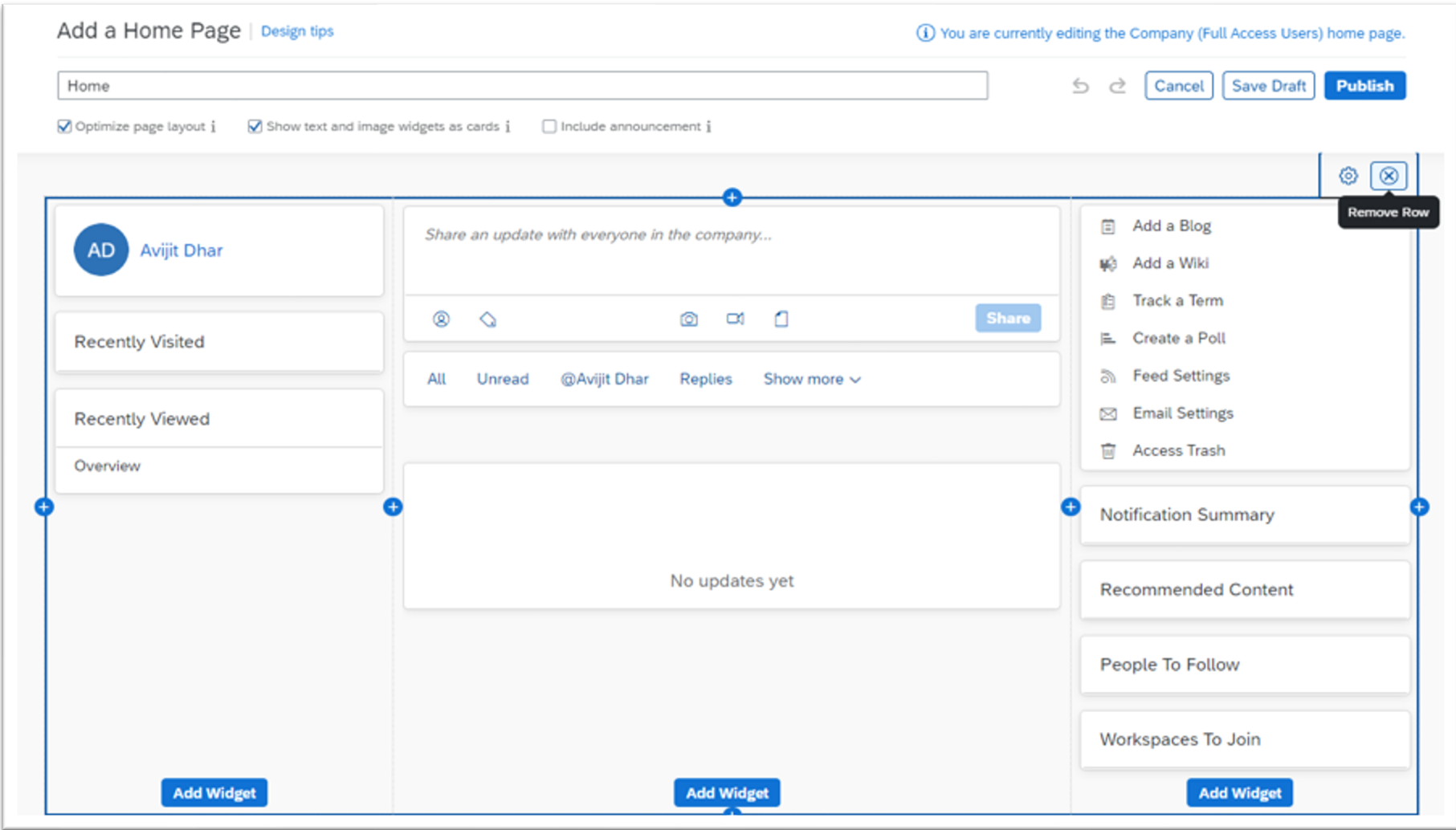
Form Builder

Robust collections of automation functions

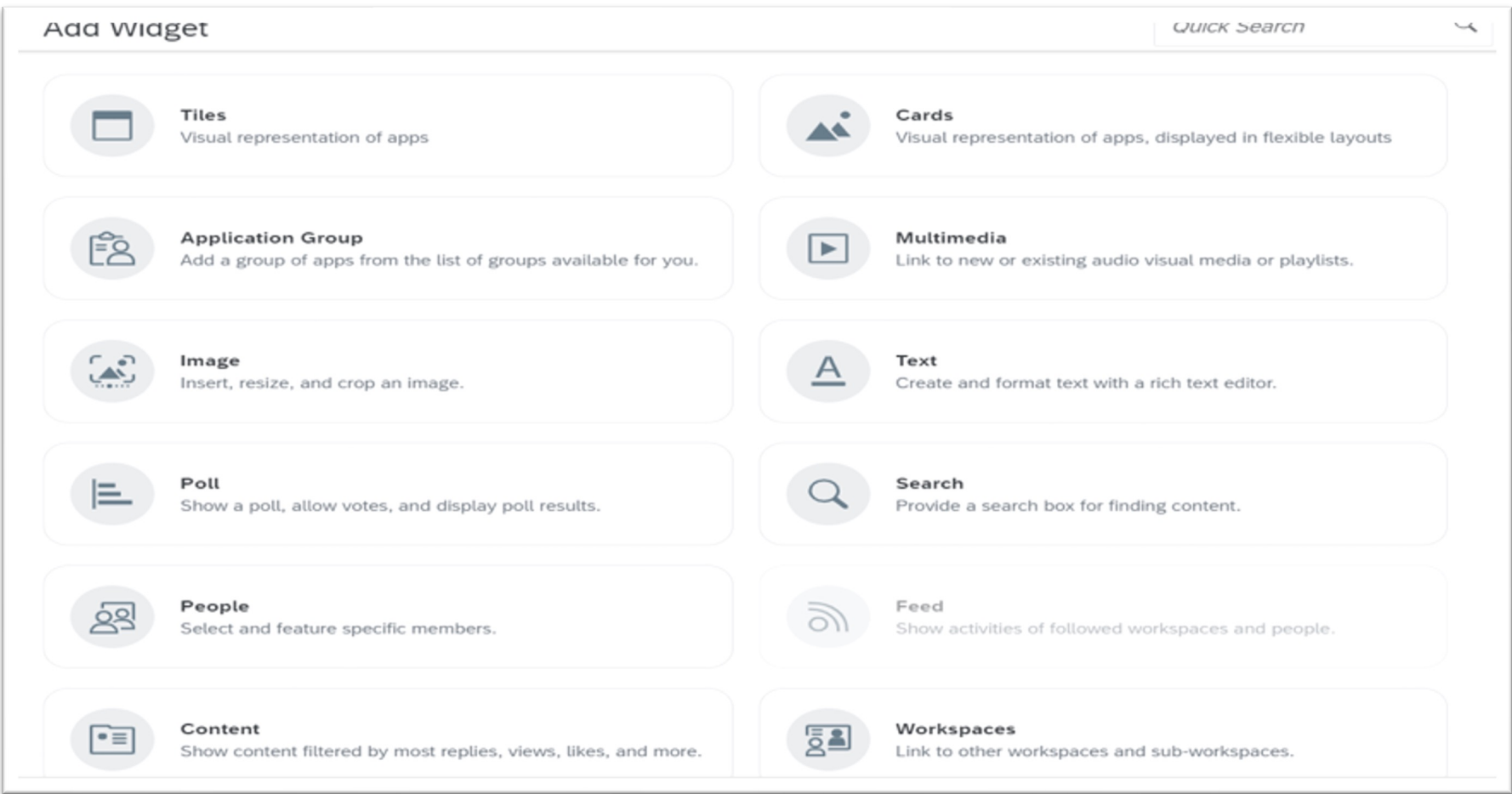
> Base64 Encoding	irpa_core
> Clipboard	irpa_core
> Dialogs	irpa_core
> Mouse	irpa_core
> Security	irpa_core
> WMI Client	irpa_core
> Automation Alerting	irpa_core
> Local Agent Variables	irpa_core
> File Transfer Protocol (...)	irpa_core
> Cryptography collection	irpa_core

SAP Build Workzone

Interactive Site editor with drag-n-drop actions



Rich Collection of widgets and controls



Create Sites in minutes – easy to preview and integrate enterprise apps

