SAP Solution Brief | PUBLIC
SAP Business Technology Platform

Build Apps Fast with Low-Code and No-Code Application Development

THE BEST RUN **SAP**

Stay Agile by Accelerating Business Innovation

Rapidly changing market conditions offer exciting opportunities for companies to meet new customer needs. However, to succeed, you must move fast to adapt and innovate your processes. Low-code and no-code capabilities that are part of the SAP Build portfolio help developers of many skill levels **create enterprise apps and automations quickly to meet evolving business requirements**.

Whether rethinking business models or digitalizing supply chain operations, companies are seeing a dramatic rise in application development needs. To stay competitive in a dynamic environment, speed to market is critical. However, a scarcity of development resources means that companies are increasingly looking to low-code and no-code programming solutions to stay agile and accelerate the development process.

Seasoned developers optimize their productivity with preconfigured templates and low-code tools that enable them to deliver applications faster. Meanwhile, a new community of nontechnical developers are solving business problems by creating enterprise-ready business solutions without writing a single line of code and without having to rely on the IT department.

Stay Agile by Accelerating Business Innovation

Discover Development Tools for Many Skill Levels in One Place

Based on SAP Business Technology Platform, our low-code and no-code solutions offer rich repositories of business-specific content to accelerate application development. With thousands of ready-to-go components, formula functions, business services, bots, APIs, and open connectors, you can reduce time spent on time-consuming coding and cut development time.

From a single entry point, you can access the developer tools that best fit your application development and process-automation needs. SAP Business Application Studio offers low-code

programming options to speed up application development. Meanwhile, the SAP Build Apps tool provides a drag-and-drop development environment for building sophisticated enterprise-grade apps without the need to write code. (See the **Figure**.)

You can access and share projects developed using SAP Business Application Studio and SAP Build Apps in an easily accessible project studio environment. In addition, a unified design system and runtime environment streamline application development and offer built-in governance features. Furthermore, native integration with other SAP applications helps cut complexity in your IT landscape.

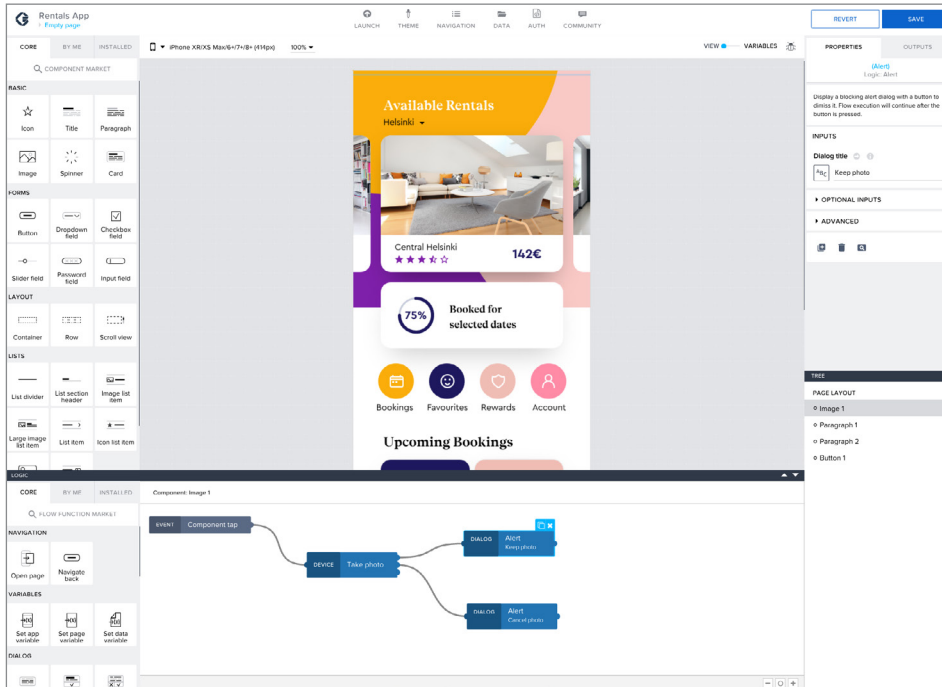**Discover Development Tools for Many Skill Levels in One Place**

Help IT Professionals Deliver Enterprise Applications at Speed

Empower Citizen Developers with Intuitive Tools

Boost productivity with a unified, streamlined development experience.

Develop Applications with the Intuitive No-Code Experience in SAP Build Apps

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Help IT Professionals Deliver Enterprise Applications at Speed

SAP Business Application Studio helps scale the productivity of developers who are already familiar with using SAP technology such as SAP Cloud Application Programming Model, SAPUI5, and SAP Fiori® apps. Enabling the rapid assembly of user experience components, business logic, and data services, the tool offers low-code capabilities that help accelerate the development process. These include visual modeling of data, UIs, and workflows. Professional developers can access advanced workflow capabilities to build more complex process flows, forms, or process visibility dashboards and make these available for consumption by citizen developers through the

SAP Build Process Automation solution. In addition, SAP Business Application Studio provides access to a marketplace and library with a range of ready-to-use content, such as prebuilt apps and business services, to help accelerate your development.

Preconfigured development environments (or "dev spaces") enable you to develop, build, test, and run applications using preinstalled runtimes and tools. You can choose different dev spaces based on target scenarios such as extensions for SAP S/4HANA®, specific business services, SAP Fiori apps, and more.

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Empower Citizen Developers with Intuitive Tools

Accelerate time to market with a **high-productivity development studio**.

Empower Citizen Developers with Intuitive Tools

SAP Build Apps meets the needs of line-of-business professionals who have a strong understanding of the business challenges that must be solved but no coding skills. This next-generation no-code tool enables nontechnical citizen developers to build enterprise-grade applications for mobile devices and Web browsers.

Powerful features for sophisticated application development include a drag-and-drop UI builder, more than 400 built-in formulas, and preconfigured flow functions. Predefined integrations and custom connectors help make connecting to
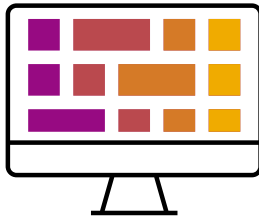
external data sources straightforward. Furthermore, intuitive application publishing capabilities for the Web, iOS, and Android help you connect to various platforms with ease.

A rich marketplace for components and extensions enables reuse of building blocks across projects and fuels collaboration between developers both inside and outside your organization. Meanwhile, learning resources and know-how from the growing community of users of SAP Build Apps are just a click away.

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Build high-quality applications with an enterprise-grade no-code tool.

Unlock Your Capacity to Innovate and Reduce the Cost of Development

With low-code and no-code solutions from SAP, you can confidently deliver high-quality, enterprise-ready applications using best practice–based content and robust governance features. In addition, straightforward integration of applications with other SAP solutions helps keep your IT landscape streamlined and increases return on investment in your existing SAP software infrastructure.

Whatever your development expertise, a simplified user experience and intuitive tools enable you to create applications fast, unlocking innovation and enabling rapid change across your business. Nontechnical personnel can solve business challenges quickly by creating their own solutions and extensions without needing to involve IT. Meanwhile, IT professionals can be more productive by drawing on preconfigured templates, integrations, business-specific content, and drag-and-drop application builder tools, reducing time to market and cutting development costs. You can also benefit from content developed by our broad ecosystem of partners and community members for both SAP and third-party solutions.

Because the tools are all part of the same development framework, they help break down silos between citizen and professional developers. Projects initiated by citizen developers can be handed over to professionals when your company requires more-complex processes and capabilities.

Summary

Speed up application development with low-code and no-code application programming capabilities from SAP. Offering a simple and unified development experience for both IT professionals and citizen developers, SAP® Business Application Studio and the SAP Build Apps tool provide preconfigured, best practice–based components. They also offer native integration to SAP solutions and open connectivity to third-party applications.

Objectives

- Move fast to adapt processes and introduce new business models to take advantage of emerging market opportunities
- Reduce time required for developing new applications by removing time-consuming coding requirements
- Empower nontechnical personnel to create applications without help from IT

Solution

- Unified development experience based on SAP Business Technology Platform, with a single point of entry for both low-code and no-code solutions
- High-productivity, low-code development tools in SAP Business Application Studio
- Intuitive no-code features for enterprise-grade application development in SAP Build Apps

Benefits

- Accelerated time to market for innovative applications
- Increased business agility with the ability to adapt to changing market conditions faster
- Reduced costs due to shorter development cycles
- Increased governance and collaboration between IT and other lines of business

Learn more

To find out more, call your SAP representative today or visit us **online**.

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