

SAP Solution Brief | PUBLIC

SAP Business Technology Platform | SAP Intelligent Robotic Process Automation

Improving Business Performance with Robotic Process Automation

THE BEST RUN



Supporting Digital Transformation by Automating Routine Tasks

By automating repetitive tasks in business processes, you accelerate your journey to becoming an intelligent enterprise. With SAP® Intelligent Robotic Process Automation (SAP Intelligent RPA) services, you can build software bots to augment and automate tasks across lines of business and industries. As a result, you **save time and costs and reduce human error** in your operations.

Routine tasks such as copying and pasting data can be tedious and time-consuming for employees, and often result in manual errors. SAP Intelligent RPA enables you to quickly create and deploy digital assistants, or bots, to automate these tasks.

You can create two types of bots:

- **Attended bots**, which are suitable if you want to actively manage your bot or if your process requires intermittent decision-making
- **Unattended bots** that automatically execute a complete process using trigger mechanisms, without any intervention from employees

Key deployment scenarios include the following:

- **Manual and repetitive tasks:** Consolidation and manipulation of data from multiple data sources, such as Microsoft Excel, vendor portals, or SAP solutions
- **High-volume tasks:** Process steps that must be completed time after time, such as during data migrations or approvals workflows
- **Multiple-system tasks:** Tasks that involve accessing multiple applications, including Web applications, ERP solutions, and third-party software

**Supporting Digital Transformation
by Automating Routine Tasks**

Fast-Forwarding Your Journey to Hyperautomation

SAP Intelligent RPA harnesses the power of “hyperautomation” as the basis for next-level process excellence. You can combine the technology with other powerful solutions and services to accelerate digital transformation and automation of business processes.

With purpose-built integration for SAP applications, SAP Intelligent RPA accelerates bot development, simplifying AI and machine learning integration. It also helps keep your system architecture simple with dedicated connectors to SAPUI5, SAP GUI interface environments, and SAP Fiori® apps.

Enable straightforward integration with SAP and third-party applications to **automate end-to-end processes and digitally transform your business.**

If your organization is under pressure to be innovative and optimize processes, hyperautomation is a valuable approach that enables you to gain speed and agility by combining robotic process automation with other intelligent capabilities. With a growing partner ecosystem, bundled offerings across SAP solutions, and prepackaged content, you also benefit from quick-start enablement and usage-based pricing that allows you to consume and pay according to your needs.



Fast-Forwarding Your Journey to Hyperautomation

Shaping the Future of Enterprise Software

Achieving Next-Level

Shaping the Future of Enterprise Software

Enterprise software must adapt to changing business models and processes. It must also be robust and interconnected while making tasks easier, less expensive, and faster. Embedding low-code or no-code tooling into our solutions is the first step of making this vision a reality and providing users with a new level of flexibility.

With its intuitive bot-building and execution experience, SAP Intelligent RPA empowers even nontechnical personnel without coding skills to automate tasks. Simplified, cloud-based design studio functionality enables you to create and deploy software bots as digital assistants or digital workers that automate tedious tasks.

Business users and citizen developers with some or no development skills can deploy ready-to-use bots and accelerate implementation time. The bot store within SAP Intelligent RPA offers more than 200 free prebuilt bots such as “invoice to cash” for finance, “procure to invoice” for procurement, and “hire to pay” for human resources.

A no-code experience for simple use cases and a low-code experience with JavaScript, supported by intuitive documentation and a very active developer community, help increase developer efficiency. Furthermore, a set of development, debugging, and monitoring tools cuts time to value.

Fast-Forwarding Your Journey to Hyperautomation

Shaping the Future of Enterprise Software

Achieving Next-Level

Achieving Next-Level Process Excellence

Bots created using SAP Intelligent RPA can incorporate embedded intelligent capabilities to help you achieve a new level of operational process excellence. These capabilities include SAP Conversational AI services that use natural-language processing for chatbot interaction and machine learning to handle unstructured data.

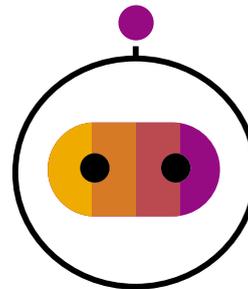
SAP Conversational AI allows the user to communicate with an IT system in natural language, while SAP Intelligent RPA executes the command. The integration between SAP Intelligent RPA and SAP Conversational AI is fully bidirectional. The chatbot asks for information from the user and triggers the automation bot to fetch needed information from an IT system. The chatbot then provides a natural-language answer to the user.

Bots can also use optical character recognition (OCR) capabilities to extract data from unstructured documents, such as PDF files sent by e-mail, and feed that information into an SAP application. To enable this, you can deploy the Document Information Extraction business service. Alternatively, SAP collaborates with technology partners such as ABBYY and OpenText to provide solutions for individual automation requirements.

Fast-Forwarding Your Journey to Hyperautomation

Shaping the Future of Enterprise Software

Achieving Next-Level Process Excellence



Improving Productivity by Innovating Processes

With SAP Intelligent RPA, you can:

- **Streamline digital process automation within your current heterogeneous IT landscape:** Automate underlying applications inside or outside of the SAP ecosystem
- **Adopt a business user–friendly approach for scaling and industrializing automation:** Offer low-code or no-code tools and a cloud-based design studio to enable bot development by nontechnical users
- **Make artificial intelligence infusion real across your operations:** Complement software bots with cognitive skills from SAP solutions or other intelligent services

- **Enable remote working:** Deploy monitorable software bots as digital assistants or digital workers and orchestrate them in the cloud
- **Achieve a rapid return on investment, without capital expenditure:** Implement automation bots quickly and see value generation in weeks with flexible commercial options such as subscription pricing or a Cloud Platform Enterprise Agreement (CPEA)

**Improving Productivity by
Innovating Processes**

Summary

Improve productivity and accuracy while enhancing employee satisfaction by automating repetitive process steps using automation bots. SAP® Intelligent Robotic Process Automation services enable you to create your own bots, with preconfigured tools and a straightforward user experience that makes bot development accessible, even to nontechnical users.

Objectives

- Automate routine, low-value tasks
- Remove the need for employees to spend time on tedious, repetitive activities
- Improve data accuracy by reducing the risk of human error

Solution

- Creation of automation bots for a range of business scenarios
- Intuitive user experience and preconfigured, ready-to-use bots
- Straightforward integration with SAP and third-party solutions
- Ability to combine robotic process automation with other intelligent capabilities

Benefits

- Increased productivity due to accelerated, more-accurate task completion
- Enhanced employee experience, with staff focusing on more-fulfilling tasks
- Rapid return on investment with value generation achieved in weeks
- Support for remote working through cloud-based bot orchestration

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