

What is robotic process automation?

Robotic process automation (RPA) is a software technology that makes it easy to build, deploy, and manage software robots that emulate humans actions interacting with digital systems and software. Just like people, software robots can do things like understand what's on a screen, complete the right keystrokes, navigate systems, identify and extract data, and perform a wide range of defined actions. But software robots can do it faster and more consistently than people, without the need to get up and stretch or take a coffee break.

Where can RPA be used?

Today, RPA is driving new efficiencies and freeing people from repetitive tedium across a broad swath of [industries](#) and [processes](#). Enterprises in industries ranging from financial services to healthcare to manufacturing to the public sector to retail and far beyond have implemented RPA in areas as diverse as finance, compliance, legal, customer service, operations, and IT. And that's just for starters.

RPA has become so widespread because it is broadly applicable. Virtually any high-volume, business-rules-driven, repeatable process is a great candidate for automation—and increasingly so are cognitive processes that require higher-order AI skills.

Robotic Process Automation(RPA) Tools:

In the market there are different RPA tools. Now let's go through the tools one after the other in detail.

- Blueprism
- UiPath
- Automation Anywhere
- Pega
- Kofax
- Krayan

- Softomotive
- Inflectra Rapise
- Contexor
- Viusal Cron

1. Blue Prism:

All core capabilities are provided by Blue Prism RPA. It is compatible with any platform and any application. This tool requires programming skills to use, but it is user-friendly for developers. This tool is ideal for medium and large businesses.

The key features supported by this Blue prism RPA tool are:

- It is compatible with the multi-environment deployment model.
- Security for network and software credentials is provided.
- It is suitable for use on any platform.
- It can be used for any application.

2. UiPath:

UiPath includes all of the essential features. It includes Citrix support. It is also user-friendly for non-developers. It is capable of handling complex processes. And this tool is appropriate for any size business.

The key features of the Uipath RPA tool are:

- It ensures security by managing credentials, encrypting data, and imposing access controls based on the role.
- It can automate more quickly. Citrix also provides eight to ten times faster automation.
- It serves as an open platform.
- It can manage any procedure, in any number, regardless of how complex it is.

3. Automation Anywhere:

Automation Anywhere includes all of the essential features. It offers both on-premise and cloud-based services. This user-friendly tool is ideal for medium and large businesses.

The key features of the automation anywhere RPA tool are:

- Automation anywhere tool promises bank-grade security.

- It helps in authentication, encryption, and credentials are used to provide security.
- It generates reports and analytics in real time.
- It allows for platform independence.

4. Pega:

Pega is a Business Process Management (BPM) application. It is suitable for use on desktop servers. It only offers cloud-based solutions or services. It is compatible with Windows, Linux, and Mac. This tool is ideal for medium and large-sized businesses.

The key features of the pega RPA tool are:

- It will assist you in deploying your solutions to customers.
- It offers a solution that is cloud-based.
- It does not store any implementation data in a database; instead, it stores everything in memory.
- You can use this tool to distribute work to desktops, servers, and employees.

5. Kofax:

Kofax can virtually work with any application. This tool does not require any coding skills. It is capable of processing data from any website, desktop application, or portal.

It is good at repetitive tasks.

The key features of the kofax RPA tool are:

- It is an Intelligent process monitoring and optimization tool.
- A server can be used to manage it centrally.
- It is simple to integrate with the Kapow Katalyst Platform.

6. Krayan:

Automate is the name given to Kryon RPA. It has three automation solutions. There are three types of systems: unattended, attended, and hybrid. An unattended solution is a smart tool that can make decisions. Attended tool will increase your productivity, accuracy, and efficiency at work. The combination of both attended and unattended automation is known as hybrid automation.

The key features of the krayan RPA tool are:

- Kryon offers both attended and unattended automation, as well as hybrid automation.
- It is a system that can be scaled.
- It aids in increasing productivity.
- It has a recording function.

7. Softomotive:

Softomotive offers two robotic process automation solutions. It consists of Enterprise Automation as well as Desktop Automation. Enterprise automation will aid in improving sustainable productivity, efficiency, and productivity. Desktop automation is designed for individuals and small teams. It is capable of automating both desktop and web-based tasks.

The key features of this RPA tool are:

- This tool will assist you from the design to the manufacturing processes.
- It offers precision, security, and error handling.
- It is simple to integrate with SAP, Salesforce, Oracle Financials, and PeopleSoft Automation, among other systems.
- It is compatible with .NET and SQL server.

8. Inflectra Rapise:

Rapise can handle hybrid business scenarios. It is capable of automating Web, Desktop, and Mobile applications. It is user-friendly for both programmers and non-programmers. Rapise is a hosted solution. This tool is ideal for small and medium-sized businesses.

The key features of this RPA tool are:

- Endorses any size automation project Record and play functionality

- Automation of the web and desktop; web and screen scraping; REST and SOAP calls; and email processing (gmail, Office 365, private mail servers)
- It comes with open platform for enhancements and integration
- It provides specialized support for Microsoft Dynamics applications.

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10. Viusal Cron

Visual Cron is a task scheduling and integration automation tool. It is only available for Windows. This tool does not require any programming skills. Tasks can be customized based on technology.

The key features of this RPA tool are:

- The API allows you to program.
- Visual Cron can create features based on your specifications.
- The interface is simple to use.
- You can use the tool even if you don't know how to code.