

What Makes UiPath a Unique Robotic Process Automation Software?

- UiPath is Windows desktop Robotic Process Automation software that is used to automate business operations in businesses.
- It helps organizations operate better by automating repetitive activities like data input, data or content transfer, screen scraping, web scraping, and testing.
- UiPath is a market leader in RPA technology since it automates various manual and repetitive tasks in a short period of time and at a low cost.
- UiPath can be easily integrated into any old system with minimal interruption. This is user friendly software that adds to business innovation and profitability.

About UIPATH :

- ❖ UiPath is a global software company for robotic process automation (RPA) founded in 2005 in Bucharest Romania by **Daniel Dines and Marius Tirca** and headquartered in New York City.
- ❖ In 2013, the company released the first UiPath Desktop Automation product line, which gave companies RPA tools to automate manual and repetitive back office tasks.
- ❖ In 2015, the company changed its name to UiPath.

What is UiPath and Why is UiPath used?

- **UiPath** is a Robotic Process Automation tool that is used for Windows desktop automation.
- It is used to automate repetitive tasks and eliminates human intervention.
- The tool is simple to use and has a **drag and drop functionality** of activities.
- UiPath has a standard Studio version which has a trial period of 60 days.

The best part is, UiPath also comes with a **Community Edition** which is **free for lifetime** and has most of the functionality of the Studio version.

UiPath Community Edition:

	StudioX	Studio	Studio Pro
AUTOMATION APPROACH	Bottom up	Top down	Top down
AUTOMATION TARGET	Straightforward tasks	Complex processes	Testing automation, complex processes
TYPE OF WORKFLOWS	Sequence	Sequence, flowcharts, state machines	Sequence, flowcharts, state machines, testing automation
PROJECT SIZE	Single file	Multiple files per projects	Multiple files per projects
FILE COMPATIBILITY	StudioX only	Supports Studio, Studio Pro & StudioX files	Supports Studio, Studio Pro & StudioX files
LICENSE TYPE	StudioX + Attended	Studio	Studio Pro

UiPath Features

UiPath has several features and functionalities, such as:

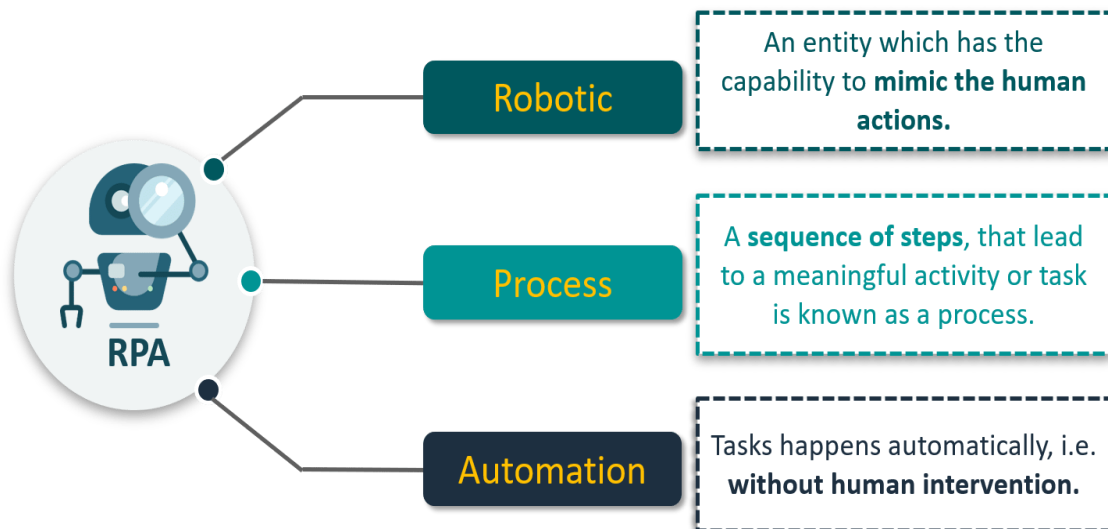
- ❖ **Hosting Options**: UiPath can be easily hosted on cloud environments and virtual terminals, making this tool flexible with cloud platforms.
- ❖ **Application Compatibility**: Because of greater compatibility with web and desktop applications, UiPath supports a wide range of applications and activities. Having both web and desktop applications include more benefits for automation.
- ❖ **Centralized Repository**: Because of the centralized repository, multiple users can handle or control software robots simultaneously.
- ❖ **Security**: Security is one of the leading features of UiPath. UiPath has included many security features and continuously adding more through frequent updates, UiPath includes settings for account lockout that protects users from brute force attacks. If the user logs in across different machines, the tool will automatically detect and end the previous login session. It means that the same login credentials can stay active in a single system at a time, which increases security. UiPath restricts the auto-submission of data across web browsers for all of the orchestrator credentials input boxes. This feature protects user data and improves overall security. UiPath has

implemented stealth mode that can be used to execute tasks in the background. This hides the execution from the screen and executes the tasks silently.

- ❖ **Advanced Screen Scraping Solution:** UiPath has advanced screen scraping feature that can work with various applications such as Java, SAP, .Net, Flash, PDF, etc. With advanced screen scraping solutions, users can achieve maximum possible accuracy than other automation tools present in the market.
- ❖ **Reliable tool for Modeling Business Processes:** UiPath offers several reliable tools to increase automation capabilities and excellence with model business processes.
- ❖ **Scalability and Robustness:** The tool is robust and scalable and comes with Efficient and effective debugging support and exception handling systems. Artificial intelligence handling for regular applications such as excel, PDFs, Outlook tasks, etc.

Introduction to the RPA Technology:

RPA stands for Robotic Process Automation



Important of RPA Software:

RPA bots can be used on a large scale and automate thousands of processes at once. So, whenever we have more than ten bots, the technology starts to expand with its own servers, monitoring tools, and operation dashboards.

RPA Tools:

Different Types of tools are available, like AntWorks, Automation Edge, Kofax, WorkFusion etc.. but if We talk about the market leaders, it is the famous trio i.e.,

- **Blue Prism.**
- **UiPath.**
- **Automation Anywhere.**

RPA Tools Comparison:

UiPath vs. Blue Prism vs. Automation Anywhere

<i>UIPATH</i>	<i>BLUE PRISM</i>	<i>AUTOMATION ANYWHERE</i>
Has Community Edition / Free Edition	Has recently launched a free edition	Recently launched a Community Edition
Most Popular Tool	Popular than Automation Anywhere	Less Popular than others
No programming knowledge required	It provides functionality that allows the user to write code, but users can manage without it.	No programming knowledge required
Provides desktop, web and Citrix automation	Designed for Citrix automation for BPO.	Reasonable across all mediums.

How does RPA work?

RPA mimics the way humans interact with and think about digital programmes. RPA's ability to mimic how humans execute computer-based processes has contributed to its appeal when contrasted to other automation technologies such as application programming interfaces (APIs) or low-code development, which are more scalable but less intuitive or need specialist expertise to operate.

Who is using RPA & Benefits?

RPA is used in most industries, particularly those that include repetitive tasks such as

- ❖ **INSURANCE:**
 - o Faster claims processing. ...
 - o Easier policy cancellation. ...
 - o Simplified new business on-boarding. ...
 - o Increased data accuracy. ...
 - o Standardized processes. ...

- o Legacy-systems compatibility and new system implementation friendly. ...
- o Easy transition.

❖ **BANKING & FINANCE:**







- o Revenue and cash flow are increased
- o Processing time is reduced.
- o Business response time is reduced
- o Regulatory compliance is improved

❖ **HEALTHCARE:**

- o Managing inventory
- o Entering repetitive data
- o Digitizing patient files
- o Scheduling appointments
- o Billing patients and processing claims

❖ **TELECOMMUNICATIONS:**

- o Periodic report preparation and dissemination. ...
- o Responding to partner queries. ...
- o Reducing manual sales order processing effort. ...
- o Competitor price tracking. ...
- o Backing up information from clients' IP telephony systems. ...
- o First Call Resolution (FCR)

FINANCIAL SERVICES Uses RPA to boost speed and efficiency to compete with fintechs 	GOVERNMENT Automates back office/ citizen-facing functions; federal CIO advancing automation initiative 	HEALTHCARE Pursues back office and revenue cycle management uses, among others 
TRANSPORTATION/LOGISTICS Automates shipping and other document-based tasks 	ENERGY Taps automation in areas from accounting to maintenance to keep costs in check 	COMMUNICATIONS Automates repetitive tasks associated with document preparation 

Reference:

- ❖ <https://www.javatpoint.com/uipath>
- ❖ <https://forum.uipath.com/>
- ❖ <https://www.edureka.co/blog/uipath-tutorial/>

For any RPA Implementation/Resources in your Organization Please reach out to rpa@gxplabs.com