ROBOTIC PROCESS AUTOMATION CHEAT SHEET

RPA Basics

RPA

RPA is a **Robotic Process Automation** which is used for automating the current workflows with the help of robots to reduce human intervention at every point

Robotic: Machines that mimics the human activities and actions are called as **robots**
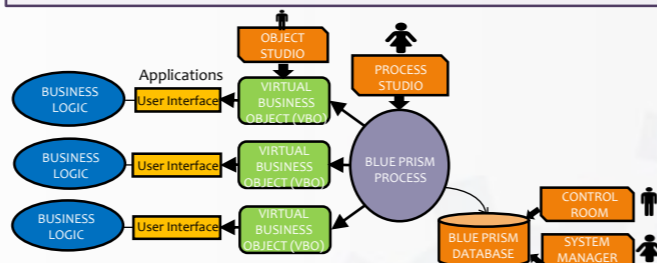
Process: Sequence of steps which is used to perform a particular task

Automation: Any process which is done by robot without any human intervention and provides high degree of accuracy

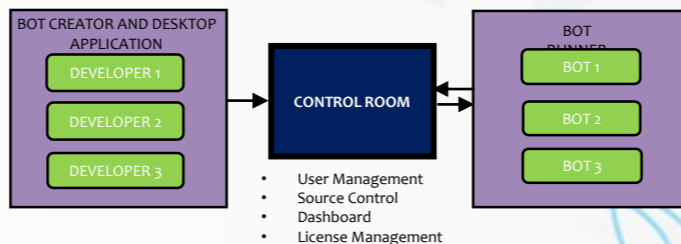| VENDOR	Free Version	Pricing	Usability	Global Coverage
Another Monday	----	----	----	Europe
AntWorks	----	----	----	----
Arago	----	----	----	----
Automation Anywhere	----	Per Process	Drag & Drop, Macro Recording	Global
BluePrism	----	Per bot	Drag & Drop	----
Contextor	----	----	----	EMEA & North America
Jidoka	----	----	----	----
Kofax	----	----	----	Global
Kryon Systems	----	----	----	----
Nice systems	----	----	----	Global
Pega	----	----	----	Global
Redwood software	----	----	----	----
UiPath	UiPath Community Edition	Per bot	Drag & Drop, Macro Recording	Global
Visual Cron	45 day free trial	Per server	Drag & Drop	----
WorkFusion	WorkFusion RPA Express	Per process	Drag & Drop, Macro Recording	Global

Blue Prism

It is built with a simple concept by replicating user activity. **SQL Server** is the tool where data is stored

Automation Anywhere

The architecture consists of **client, bots** and **control room**. Automation Anywhere is a software designed to virtually automate any computer process. **SQL express** is a tool where data is stored.
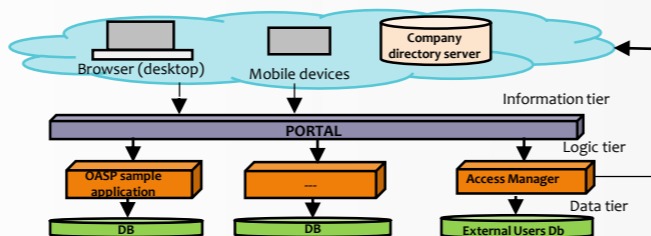

- User Management
- Source Control
- Dashboard
- License Management

Ui Path

It is a simple software automation and application integration expert.

UiPath consists of three parts

- **UiPath** studio
- **UiPath** robots
- **UiPath** orchestrator

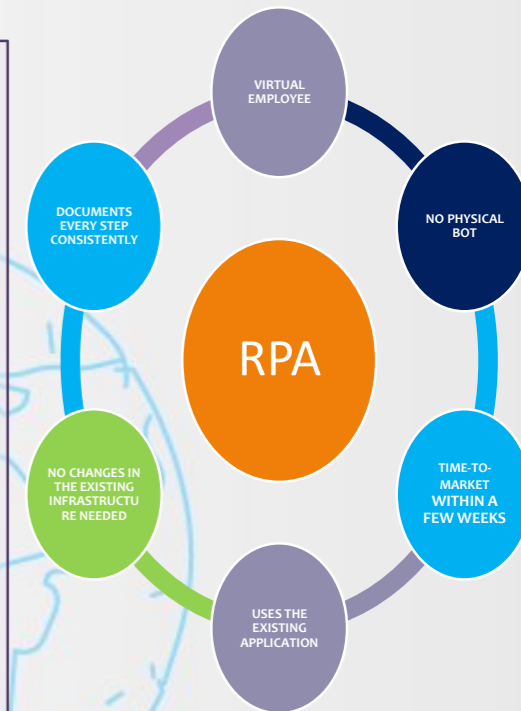## RPA Tool Factors

- Technology: Many organizations perform the tasks outside the local system using Virtual Machines or Citrix. Hence, the tool must be platform independent and support any type of application
- Scalability: How quickly and easily the tool responds to the business requirements
- Security: Implementations of security controls must be measured
- Total Cost: The initial set-up cost, vendor license fee, maintenance cost must be taken into consideration while selecting the tool
- Ease of use and control: The tool must be user friendly to increase the efficiency and employee satisfaction
- Vendor Experience: It improves the speed of implementation by reducing the work required to implement RPA software
- Maintenance and support: To make sure that the required service level agreements are met
- Quick Deployment: The tool must be able to work as a real end-user by interacting with applications.

Benefits of Using RPA

- Reduces burden on IT: It does not disturb underlying legacy systems
- Reliability: As the bots can work 24*7 effectively
- Cost cutting technology: It reduces the costs by reducing the size of manual workforce
- No coding required: To use RPA tools, a person need not have the programming skills
- Accuracy: It functions with accuracy and is less prone to errors
- Productivity rate: Execution time is much faster than the manual process approach
- Compliance: It follows the rules to provide audit free trail
- Consistency: Repetitive tasks are performed in the same way
- Increase employee engagement: It lets the employee to focus on value-added activities

Applications of RPA

- It is used in customer service, to automate service order management and quality reporting
- Travel and logistics: for ticket booking, passenger details and accounting
- Human Resource: New employees joining formalities, payroll process and hiring shortlisted candidates
- Health care: In patient registrations and billing
- Banking and Financial services: It can be used for card activation and fraud claims and discovery
- Government: Change of address and license renewal

IntelliPaat

FURTHERMORE:
RPA Training using UiPath