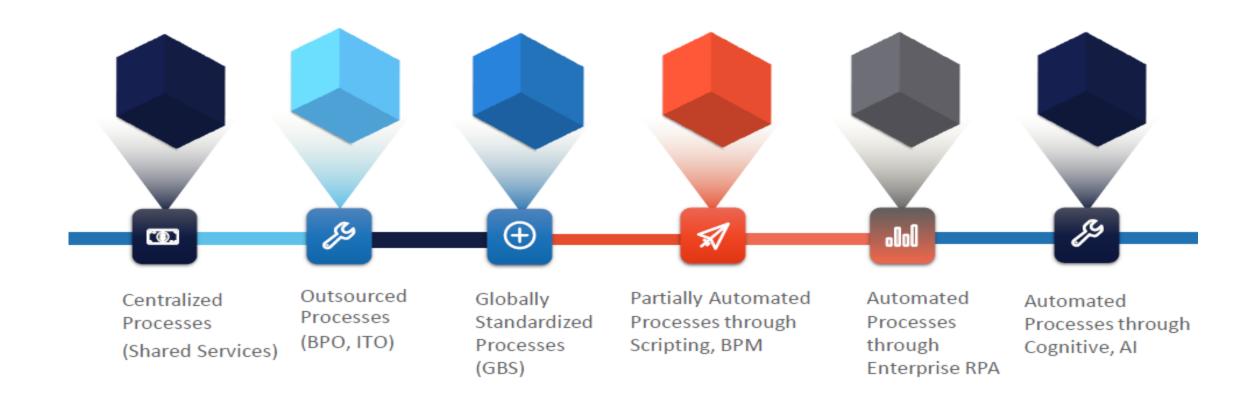


Introduction to RPA

- > Introduction to RPA
- **➤** What is RPA?
- **➤** Different tools in market?
- ➤ Why RPA?
- Selecting a Process ?
- Benefits Of Rpa?
- Scope of RPA
- Summary

Companies' Operating Model Evolution



Robotic Process Automation

Robot :- mimics human actions

Process :- meaningful steps / sequential steps which is performed end to end

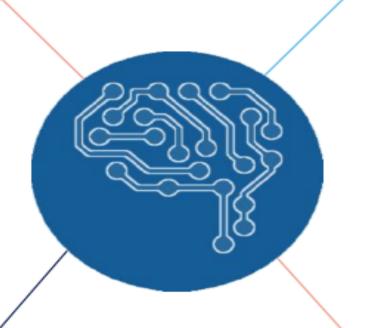
Automation :- without human intervention or supervision

Rule based tasks which are repetitive in nature are processed without human intervention/ supervision on a software pc / resource pc where different tools like automation anywhere, blue prism, uipath installed in our system is known as Rpa.

In simple words RPA is going to replace human workforce with digital workforce / virtual workforce.

What is RPA?

Automation that interacts with a computer-centric process with a software User Interface providing support



RPA aims to replace repetitive tasks performed by humans, with a virtual workforce. Humans then make judgmental calls, handle exceptions and provide oversight

RPA configures software that will automate the activities or tasks previously performed by humans

Robotic automation uses a computer (a.k.a. robot) to run application software in the exact same way that a person works with that software

DIFERRENT TOOLS IN RPA MARKET



blueprism







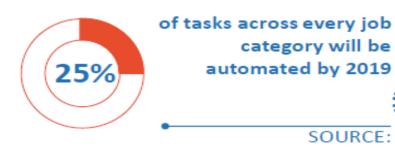


Almost 20+ tools are there in present market like Automation anywhere, uipath, blue prism, kofax, Nice, open, win automation etc...

Why RPA

RPA AND INDUSTRY IMPACT

The time for RPA Is Now! Why RPA? And Why Now?



Forester Research 2015

CURRENT AND FUTURE INDUSTRY RPA ADOPTION

63%

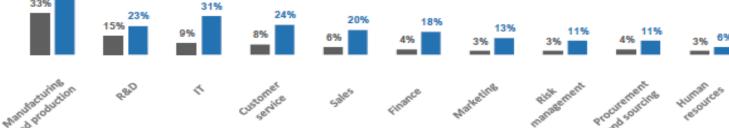
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24%

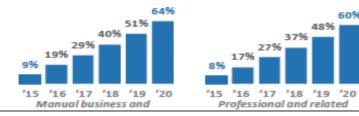
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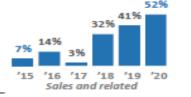
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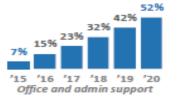
400



RPA RATE OF JOB TRANSFORMATION







Current adoption In five years

Processes Every Company Should Automate



HR Services

Due to the huge amount of repetitive, often manual, administrative tasks, under the shape of form fillings, data capturing, updating and disseminating and large number of request processing, HR is a gold mine of opportunities for automation

Supply Chain

Inventory management

Demand and supply planning

Invoice and contract management

Work order management

Returns processing

Freight management

Supply Chain

Supply chain problems cost companies between 9-20% of their value over a period of 6 months. The processes mentioned in this slide are typically prone to automation and represent typical area of improvement in any supply chain operations.



AUTOMATION

Finance and Accounting

F&A is another area where automation can have significant positive impact on cost savings, improved efficiency and streamline processes, when applied Procure to Pay (AP)
Order to Cash

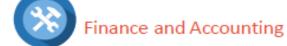
Record to Report

Vendor Management

Collections

Incentive Claims

Sales Order



Software deployment Server and app monitoring

Routine maintenance & monitoring

Email processing and distribution

Batch Processing

Password reset/unlock

Back up & restoration



Other Areas for Automation

Besides typical horizontal services, there are other organizational activities that can fall easily under the scope of any automation strategy

IT Services

With an estimated 30% of time spent on low level tasks, IT is compelled to embrace automation as a way to focus on the initiatives that require innovative thinking, and be able to tackle with the critical organizational tasks currently consuming much of their time.

What Process Should I Automate?

Guide to Choose the Best Candidate Processes for Automation



Highly manual and repetitive processes

- High transaction volume processes
- Highly frequent processes running daily, weekly (instead of monthly or yearly, which involve lots of manual work or work prone to human error)



Processes with standard readable electronic Input Type

- Triggered by standard and consistent inputs.
 The inputs should be in a readable input type
 like Excel, Word, email, XML, PPT, readable PDFs
 etc
- Triggered by input types which are not readable (scanned images with no OCR are not prone to automation.)



Changeable Processing Method or System Change

- o The processing method cannot be changed
- Fundamental changes are not required in the underlying technical architecture of the current systems (e.g new interface development or changes in configuration for existing systems to enable automation)
- We strongly recommend to avoid automating a process that will be changed in the short term



Rule-Based Processes

 Activities with clear processing instructions (template-driven), with decision making based on standardized and predictive rules



High Volumes

 Processes with high transaction volumes (and high frequency).



Automation Savings

 It's recommended to automate only the processes that can provide a saving in terms of human work-effort of minimum 2 FTEs



Low Exception rate

 Activities with low number of variation scenarios existing in the process leading to different handling procedures

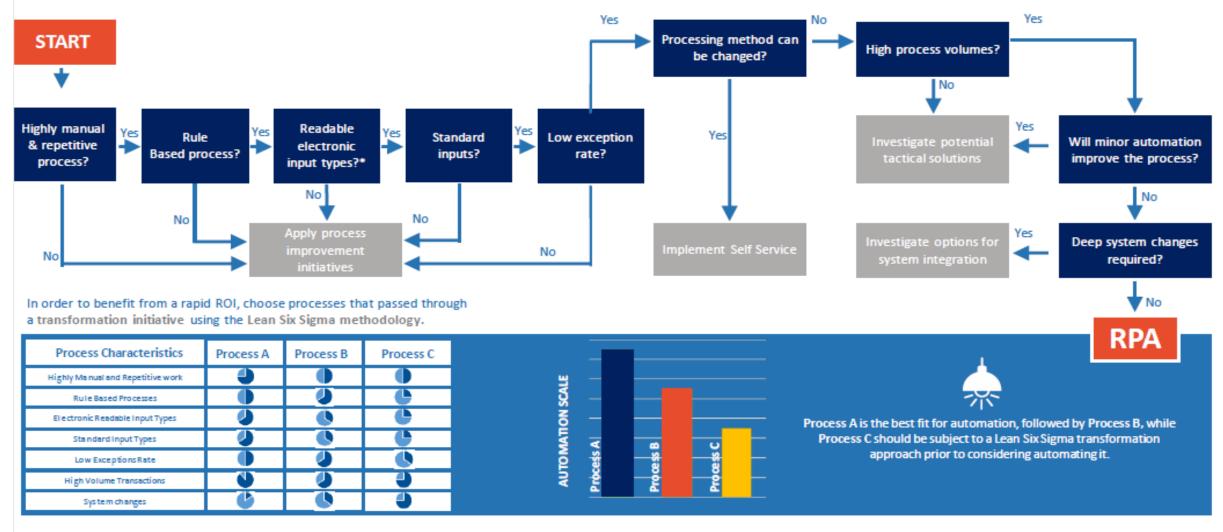


Mature and stable processes

- o Well documented, stable, predictable
- Known operational costs

What Process Should I Automate?

Guide to Choose the Best Candidate Processes for Automation



^{*} Readable Input Type = Excel, Word, email, XML, PPT, readable PDFs etc. Non-readable input type: scanned image with no OCR

Benefits























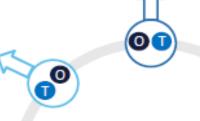
Building a robotic operating team

RPA Project Manager

Forms the RPA team to build the setup and deliver the program across business units. Manages the RPA ream and the business stakeholders to achieve the expected automation results.

RPA Infrastructure Engineer

Handles server installations and troubleshooting.



RPA Service Support

First-line support for the RPA solution deployed.

RPA Solution Architect

Defines the Architecture of the RPA solution and is a guardian of the overall performance of the agreed solution.



RPA Sponsor

Initiates the idea of automation, underwrites resources and protects progress into business adoption.



RPA Supervisor

Administers, orchestrates and controls the virtual workforce in the operational environment.

RPA Developer

Designs, develops and tests the automation artifacts.





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RPA Business Analyst

Creates the process definitions and process maps used for automation.

RPA Change Manager

Creates a change and communicates a plan, which is aligned to the project deliverables, in order to ease RPA adoption within the company.

Robotic Development Life Cycle:

