

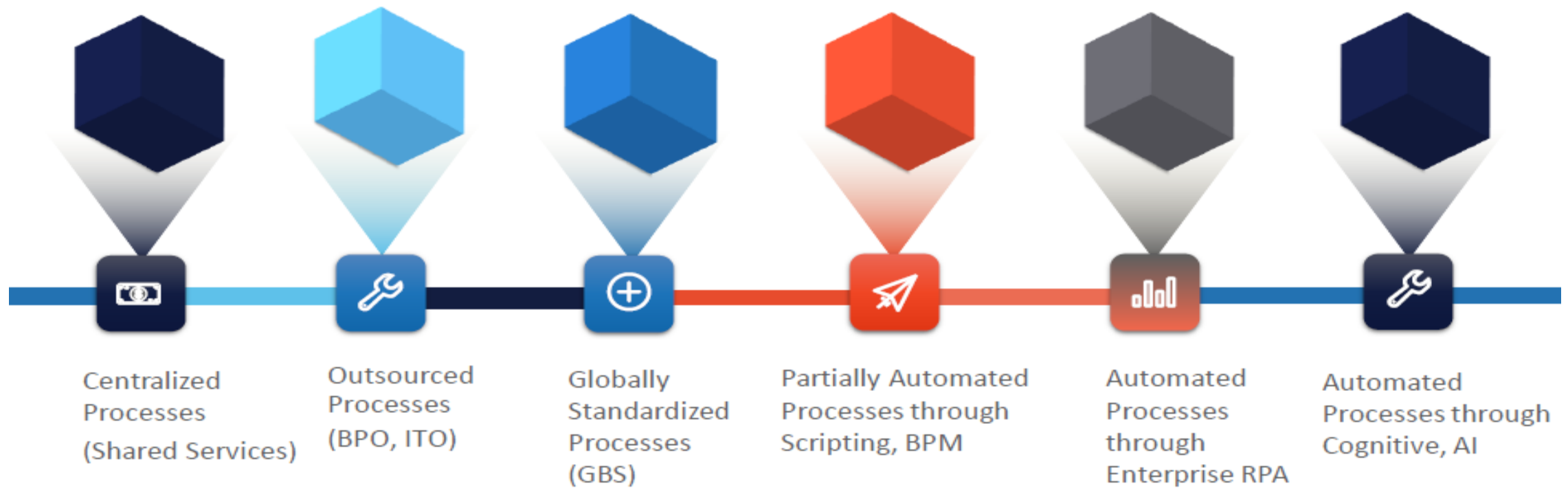


**Robotics PROCESS  
AUTOMATION FUTURE**

# 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



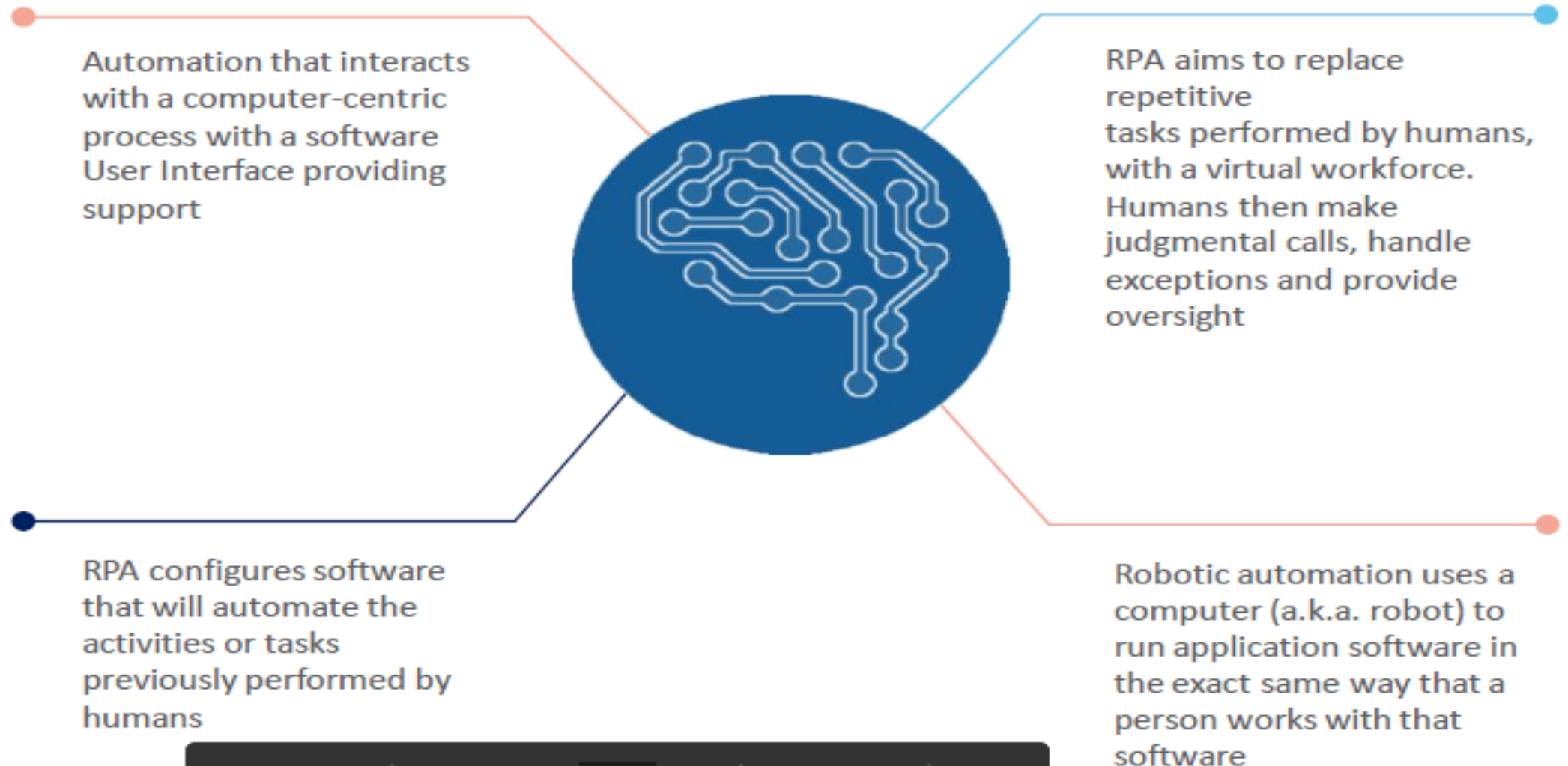
# Robotic Process Automation

**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?



## DIFERRENT TOOLS IN RPA MARKET



blueprism



NICE



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

# Why RPA

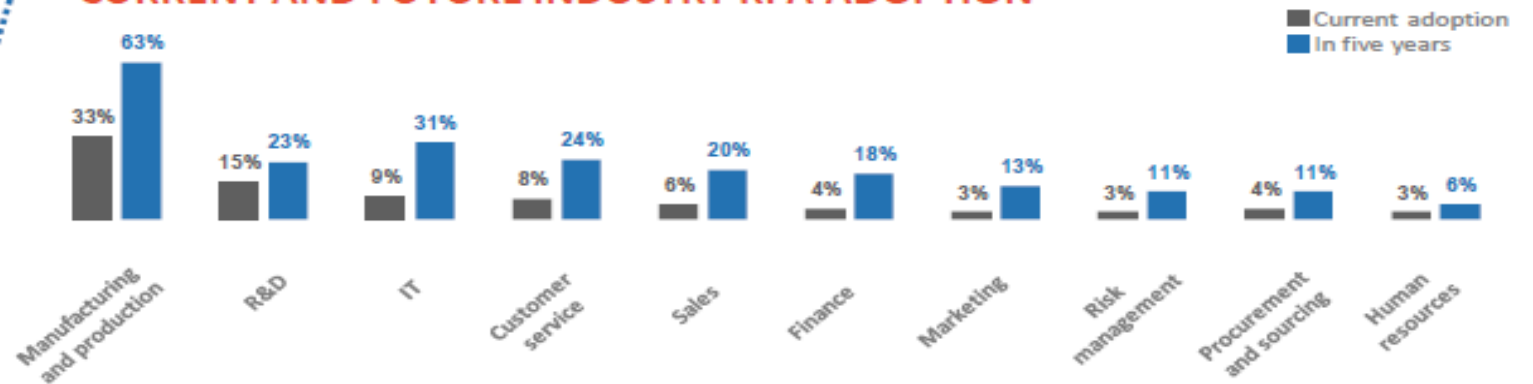
## The time for RPA Is Now! Why RPA? And Why Now?



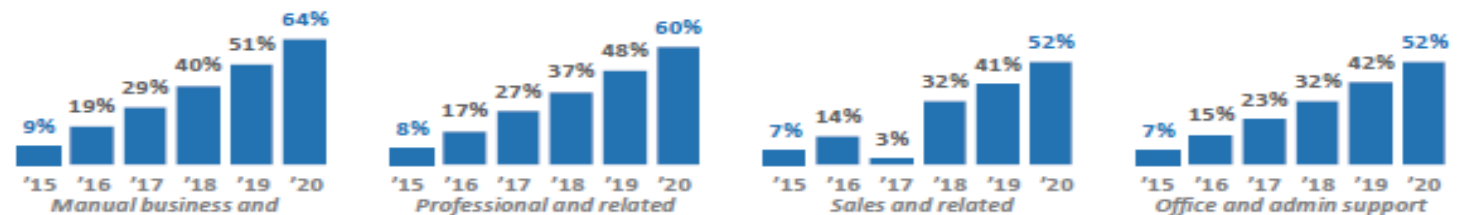
of tasks across every job category will be automated by 2019

SOURCE:  
Forester Research 2015

### RPA AND INDUSTRY IMPACT CURRENT AND FUTURE INDUSTRY RPA ADOPTION

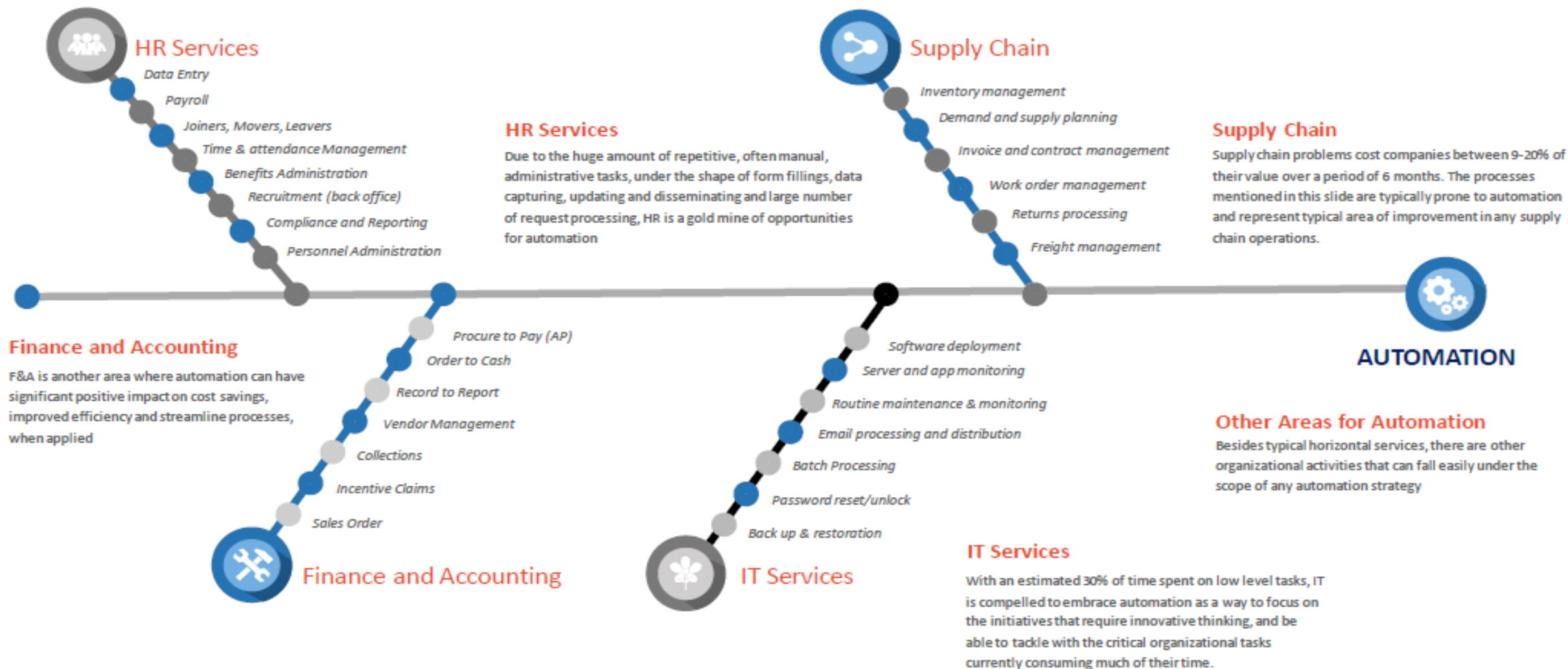


### RPA RATE OF JOB TRANSFORMATION





# Processes Every Company Should Automate





# 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

- 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

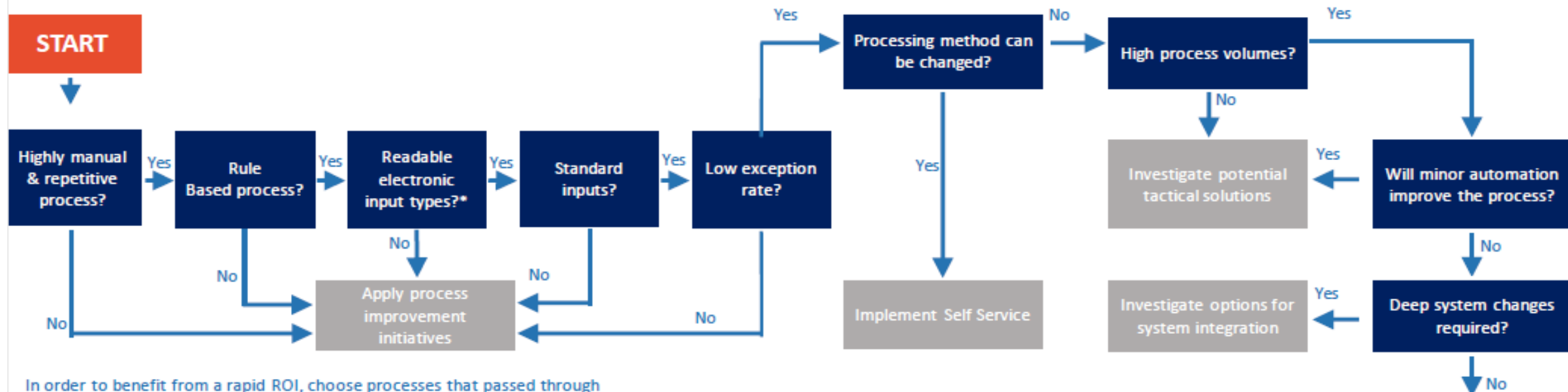


### Mature and stable processes

- Well documented, stable, predictable
- Known operational costs

# What Process Should I Automate?

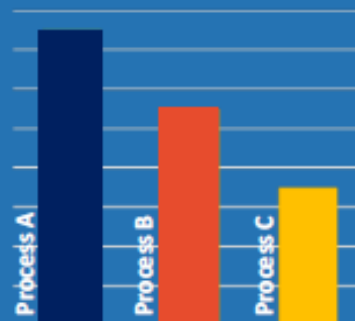
Guide to Choose the Best Candidate Processes for Automation



In order to benefit from a rapid ROI, choose processes that passed through a transformation initiative using the Lean Six Sigma methodology.

Process Characteristics	Process A	Process B	Process C
Highly Manual and Repetitive work			
Rule Based Processes			
Electronic Readable Input Types			
Standard Input Types			
Low Exceptions Rate			
High Volume Transactions			
System changes			

AUTOMATION SCALE



Process A is the best fit for automation, followed by Process B, while Process C should be subject to a Lean Six Sigma transformation approach prior to considering automating it.

**RPA**

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

# Benefits



RAPID ROI



ENHANCED  
PROCESSES



BETTER CUSTOMER  
EXPERIENCE



ELIMINATE REPEATITIVE  
WORK



IMPROVED SERVICE  
DELIVERY



ENHANCED ABILITY  
TO MANAGE



COST REDUCTION



INSIGHTS AND  
ANALYTICS



NON-INVASIVE  
TECHNOLOGY

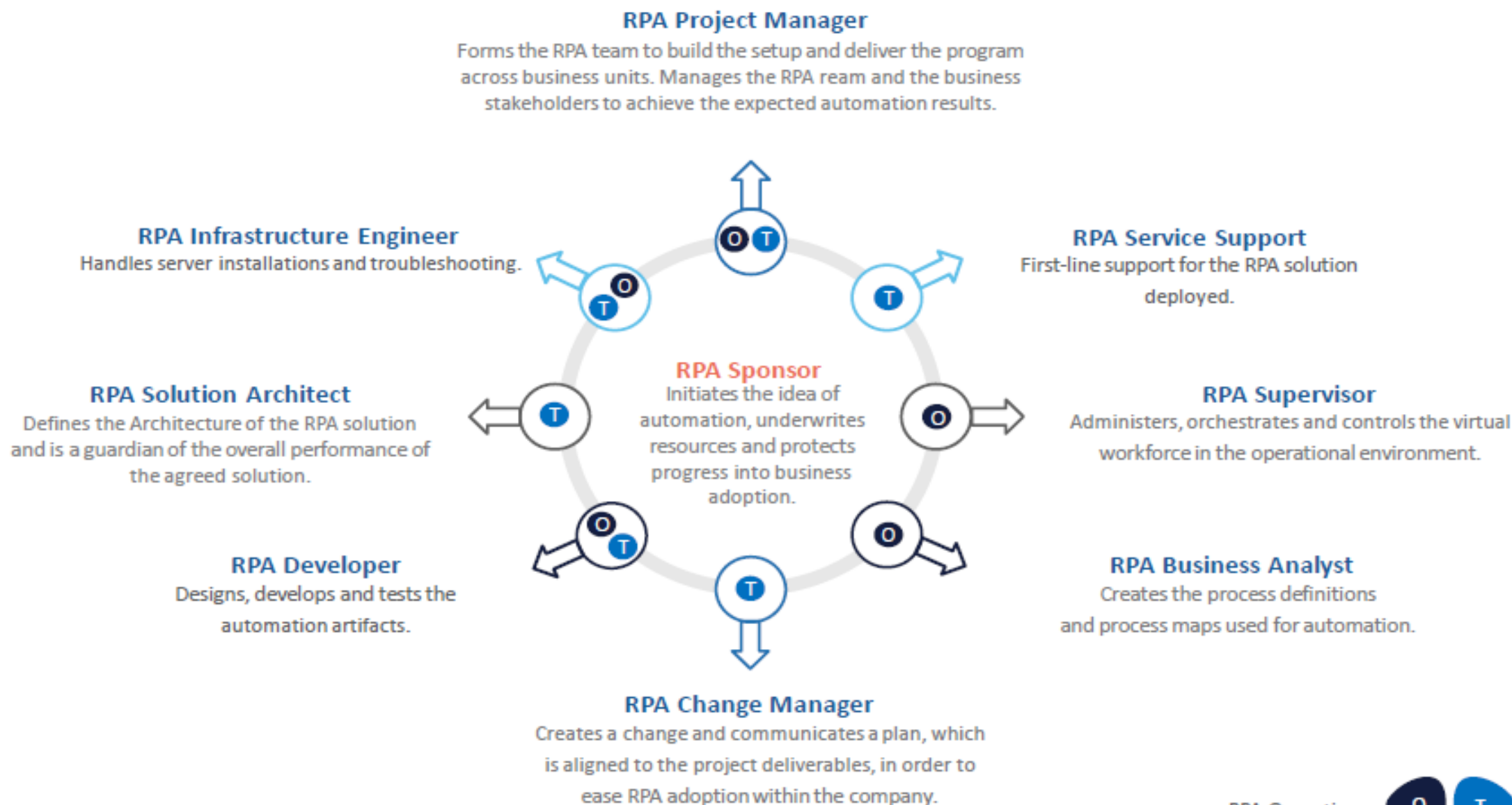


INCREASED  
COMPLIANCE

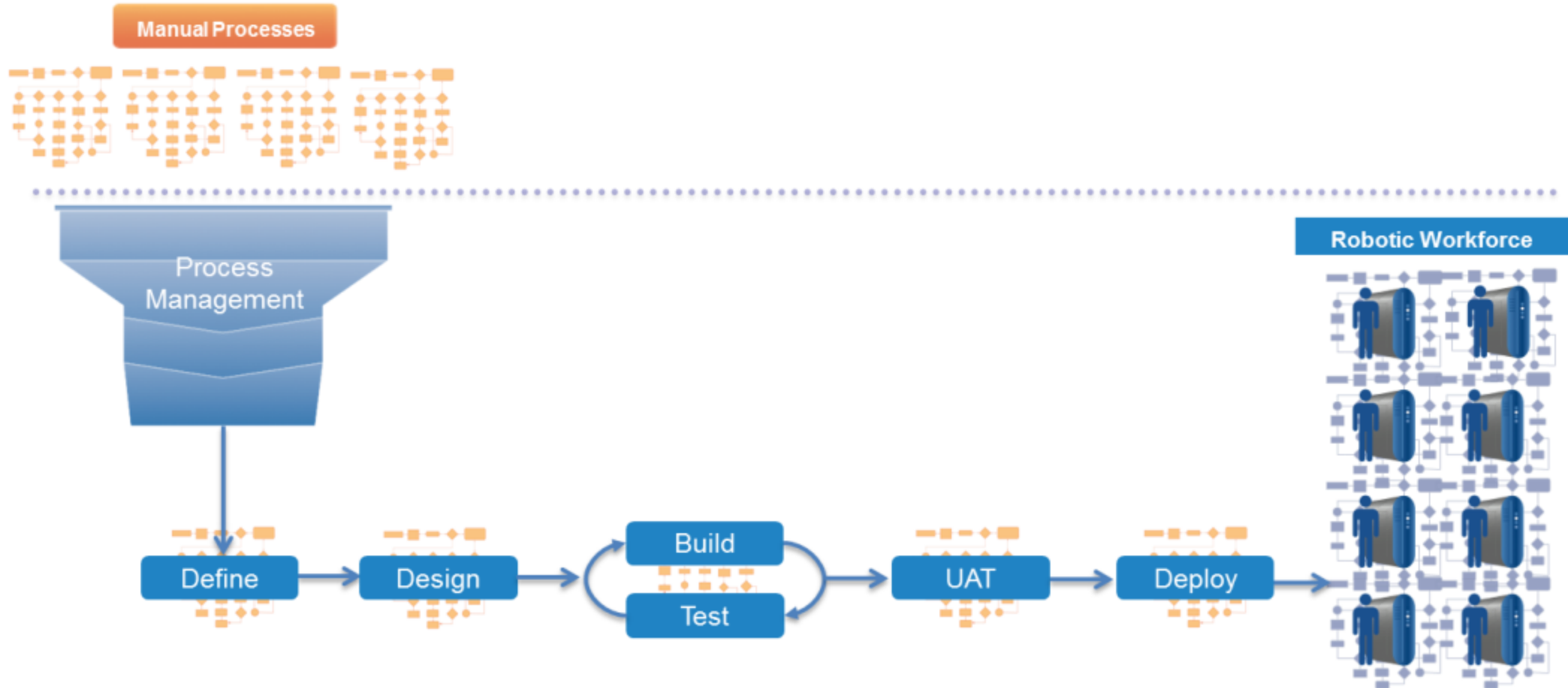


SCALABILITY AND  
FLEXIBILITY

# Building a robotic operating team



# Robotic Development Life Cycle :





Thank you!

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