

Robotic Processes Automation

RPA is software (robot) to automate high-volume operations or repeatable operations done by human when using PC. It will help to reduce mistakes made by human through automation as result will reduce staff routine workload and shift to higher value task.



Your Chosen One!

What can RPA do?

RPA is software, or a “robot,” to capture and interpret applications Robot for processing a transaction, manipulating data, triggering responses and communicating with other digital systems to perform various tasks.

These include maintenance of records, queries, calculations, and transactions. Additionally, any application commonly used by your company can be operated by RPA. For example, e-mail, browser, Citrix, SAP, oracle and many more. RPA can be configured to perform almost any rule-based task.

Boost your business

Enabling RPA to handle any processes will not only transform and streamline your organization’s workflow. It will allow for superior scalability and flexibility within the enterprise, doubled by fast, tailored response to specific needs. Software robots are easy to train and they integrate seamlessly into any system. Multiply them, and instantly deploy more as you go. They constantly report on their progress so you can go even bigger and better by using operational and business predictability, while improving strategically.

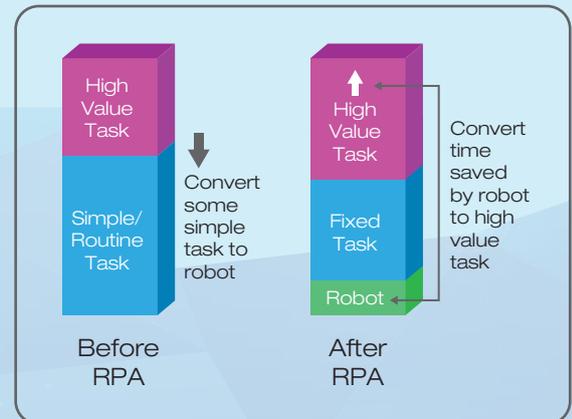
In TTNI, we boost your productivity with minimal process change and utilize the most advanced RPA technology to free your resources to focus on higher value tasks. We optimize your Judgement based operations by tuning the repeated routine works to capable and flexible Robotics, while refining and driving improvements with real-time analytics and managed services support.

Challenges:

In today, most organizations are under pressure to do more with less resources, and every organization has people performing mission-critical but mundane, repetitive work. Your employees work to complete thousands of time-consuming business tasks and processes that demand accuracy and speed, but don’t necessarily require human decision-making to complete. Often these process are error-prone and a source of frustration for employees.

Solution:

With RPA, organizations can automate the tedious manual work that is hampering productivity and efficiency. Whether adjudicating claims, on boarding customers or employees, reconciling financials, or updating customer information in systems record your business can utilize RPA to optimize processes across your enterprise.



Benefits of RPA Adoption



Overall Cost Reduction

The average cost of implementing and running a robot is much lesser than a full time equivalent costs and decreases with large-scale deployments



Speed & Productivity

RPA is typically 2X-3X faster than humans
And robots able to work round the clock, and never sleep



Accuracy & Compliance

Robots work 100% accuracy levels without error, correct action and enable compliance



Scalability & Flexibility

Robots can easily be scaled up and down to handle demand task fluctuations and seasonal variations



Removal of Non-Value-add Processes

Upskill the workforce to decision-making roles

RPA at WORK (case studies)

Case 1. FINANCIAL SERVICE (Process automated: Forex Monitoring)

The challenge

Everyday finance team manually extract online price changes and send result via mail at 10 am. Operation team waiting for finance input to start calculate today trade rates for all country and submit for division head approval via mail. Once approved, PIC's send mail to all country distributors.

Solution

Robot is not waiting for online rates instead directly pull rates from provider terminal then immediately automate finance business process. Robot also automated PIC calculations as well and promptly send it to divisional head approval then robot just wait for head approval and instantly fly mail to all country distributors and PIC's.

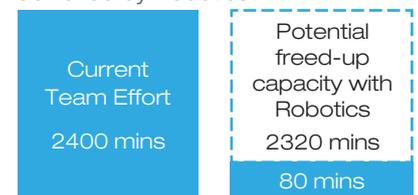
Client value delivered

Tired less automation accuracy and zero error reports is readily available to start business exactly everyday morning without delay. Robot can chopped unwanted delay, human errors and completed **2 hours** job in just **4 minutes** and enjoy the **98%** of extra man hours to improve the business.

[application] Microsoft Outlook, Excel, Printer, PDF writer

	Task	Human	Robotics
1	Frequency (Daily)	1	1
2	Total of staff involved in process		
3	Current effort required per staff, each time	120 minutes	4 minutes
	Total team effort per month	40 hours	80 minutes

98% reduction of effort can be achieved by Robotics



Case 2. CORPORATE SERVICE (Process automated: Account Receivable)

The challenge

The company requires to process more than 250 invoices and looking to implement an automation solution that could perform the routine business process and handle complex set data merging and conversion for accounting system. They also need to ensure re-tention of data integrity.

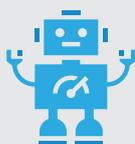
Solution

Robot able to automate the repetitive tasks (mail merging, sending email, data manipulation), and eliminate the related human quality and interpretation errors. To facilitate bulk email sending of scanned invoices to various entities. Robot requires to extract the specific invoice in the scanned PDF for the specific customer and the email addresses. This process is fully automated with PDF split application and configuration setup.

Client value delivered

It would require a total of **20 hours** of effort by human while RPA able to achieve an average of **88.5% reduction** of effort by Robotics with **100% accuracy** and **on schedule**, thus allowing employees to focus on the more value-added work and optimize the overhead.

	Task	Human	Robotics
1	Create 250 invoices	0.5 hours	3 minutes
2	Sending e-mail with scanned invoice attachment	4.5 hours	2 hours (29 secs per mail)
3	Data conversion to ACCPAC	15 hours	15 minutes
	Total effort per month	20 hours	128 minutes



3X human productivity

(robots not yet operating at full capacity; potential for improvement)



Successfully Automation

80-90% of each process vs anticipated rate of 60-70%



40-60%

time savings

across tier-1 IT applications
Maintenance support