



Finance RPA

Robotics Process Automation

CRB event – 12 June 2018



What is RPA?

RPA is not...



Artificial intelligence
or voice recognition
and reply software



Walking, talking
auto-bots



Physically existing
machines processing
paper



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RPA is...



Programs that replace
humans performing
repetitive rule-based
tasks



Computer-coded
software



Cross-functional and
cross-application
macros



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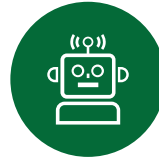


Computer-coded software

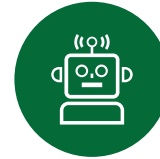


Cross-functional and cross-application macros

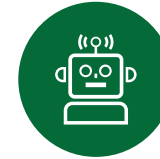
What it can do



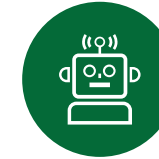
Opening email & attachments



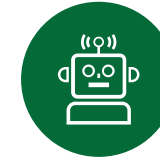
Logging into web applications



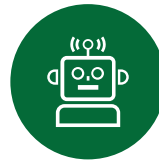
Logging into enterprise applications



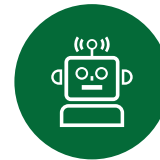
Moving files & folders



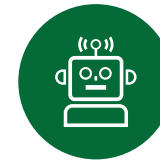
Reading & writing to databases



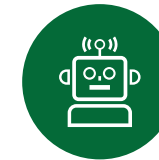
Following if / then decisions



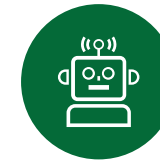
Filing in forms



Generate reporting



Collecting info from the web



Making calculations



What RPA looks like (demo 1)

Process:

1. Business Unites sending billing instructions to a central mailbox in pdf
2. Each pdf attachment is opened. Information is copied into MS Excel.
3. Once MS Excel is complete (backlog empty), the robot opens the Enterprise application and pastes info into billing interface.
4. Invoices are generated and sent automatically to end clients.

% of process handled by robot: 100%

Deloitte.



Robotic Process Automation

Doing more with less



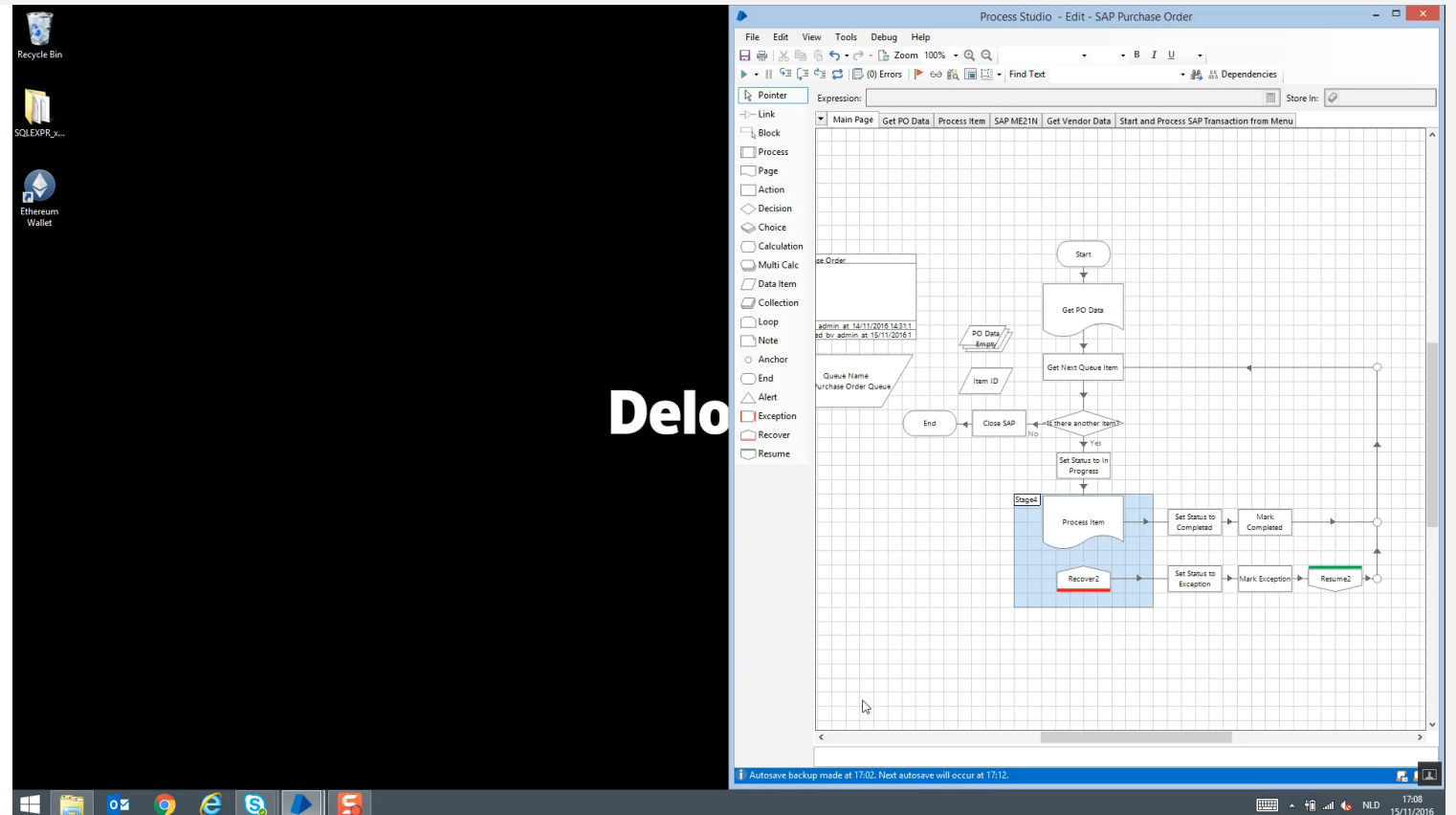
What RPA looks like (demo 2)

Process:

1. Excel file received with orders details and read in to the robotic task list
2. For each PO line:
 - Checks if vendor exists
 - If vendor doesn't exist yet, create it
 - Open SAP transaction to create a PO
 - Fill in all PO fields based on Excel
3. Close SAP

Human time: 13'00

Robot time: 1'20



Why hiring robots?



Improved quality

Reduced risk of human data entry errors, or the risk to that data of human corruption, theft or malpractice



Decouple satisfaction

Employee and customer satisfaction are enhanced



Flexibility

Rapidly scale up or down depending on the nature of the business issue



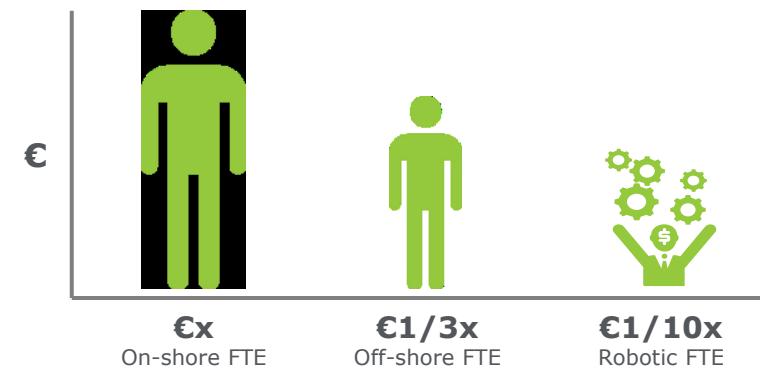
Consistency

RPA processes activities in exactly the same manner, improving consistency of output (volume) without the element of human variability



Cost Reduction

Expected cost savings and other benefits from RPA (illustrative)

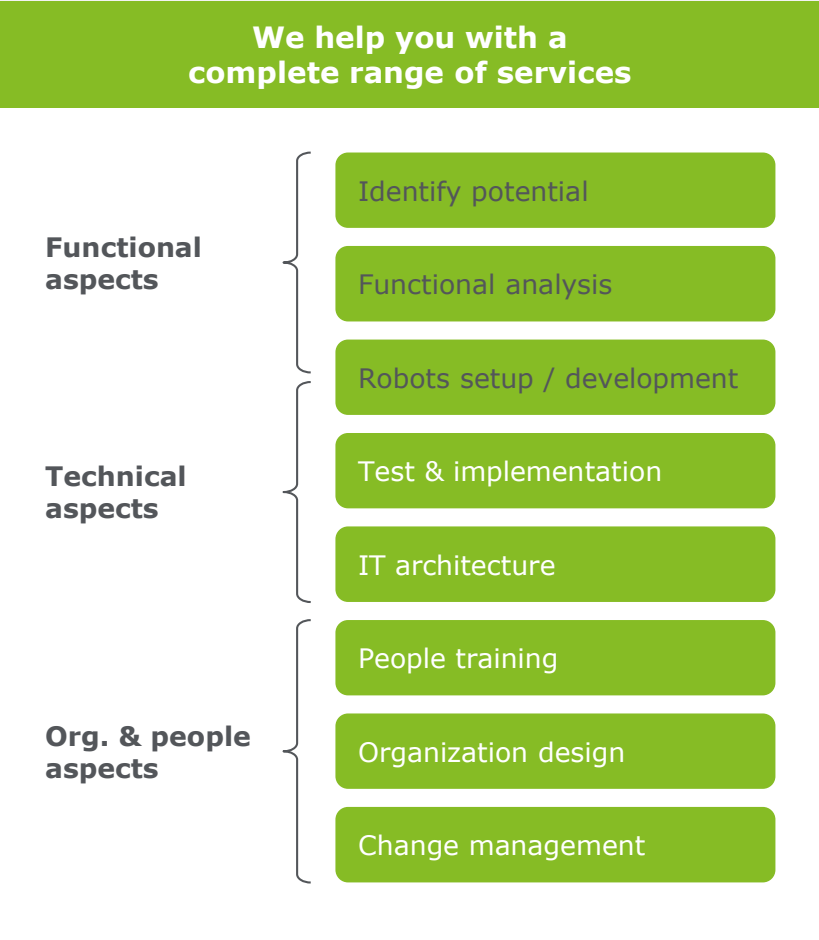


- Robots are scalable: easy to switch on and off
- A far lower cost than the equivalent human FTE
- Higher efficiency and productivity than human FTE
- Reduced error rate
- Reduced overhead & fixed costs associated with housing and employing an FTE

Source: Deloitte analysis



How can Deloitte help you?



How can Deloitte help you?

We help you with a complete range of services

Functional aspects

- Identify potential
- Functional analysis

Technical aspects

- Robots setup / development
- Test & implementation
- IT architecture

Org. & people aspects

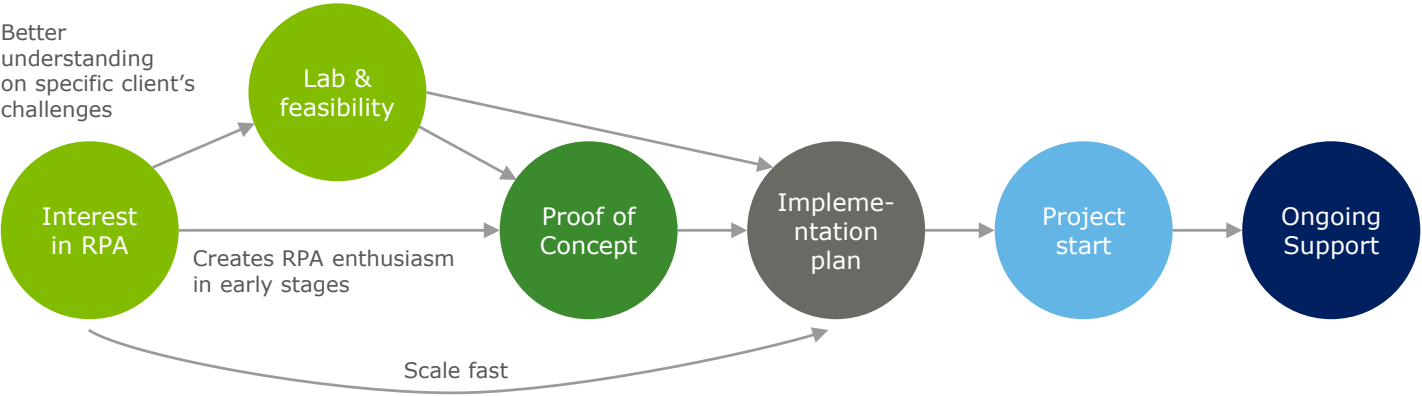
- People training
- Organization design
- Change management

We help you throughout your RPA journey

Socialize

Strategic Design and Development

Sustain





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