



# Robotic Process Automation (RPA)

A fast and cost-effective way of reaching intelligent automation goals

## ABOUT PARADIGM

An award-winning end-to-end strategic solutions provider, Paradigm Technology is a leader in Digital Transformation, working for 25 years with the Fortune 500. We enable our clients in: Customer & Vendor Centricity, Data Governance, Real-time Analytics, and Cloud Adoption. Our Data Scientists help make sense of IoT and Big Data to predict and answer the hard questions to grow revenues, reduce costs and avoid risk. Paradigm's Business Transformation practice supports this through IT simplification, change management and robotic automation.

## UNDERSTANDING RPA

Intelligent automation is at the forefront of our digitally evolving world. Embracing automation begins with enabling processes to help complement human workforce tasks, enhancing your competitive advantage. Intelligent automation can be reached via tools such as RPA.

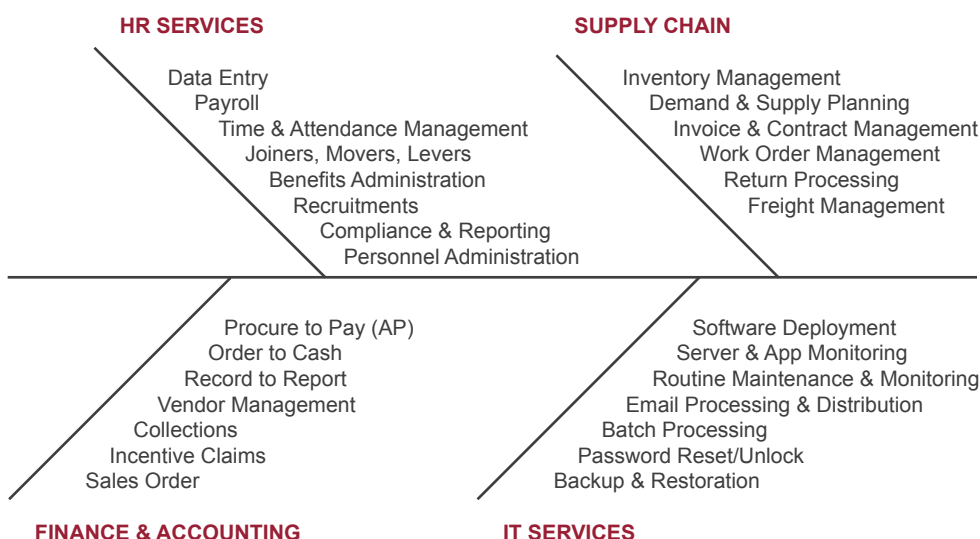
RPA, Robotic Process Automation, is the use of software robots, artificial intelligence (AI), and machine learning to handle high-volume repeatable, rules-based enterprise tasks that previously required a human to perform.

Flow chart-based tools are used to create a software robot that can capture, interpret, and execute tedious work typically worked by humans.

## RPA OPPORTUNITIES EXIST THROUGHOUT YOUR BUSINESS

Robotic Process Automation offers workforce cost reduction and increased accuracy, availability, and efficiency. By performing manual, time-consuming, rules-based tasks, RPA removes robotic tasks from the human's workload, allowing for an attention shift to more strategic and developmental activities.

By 2021, Forrester estimates there will be more than 4 million robots doing office, administrative, and sales tasks.<sup>1</sup> Enable the benefit of RPA within your enterprise before it becomes universally adopted.



*"... a truly trusted partner with us, helping not only provide the best RPA product but also providing best design and development standard for automation success."*

- World-leading Advertising Agency Network

<sup>1</sup> Le Clair, C., Cullen, A., King, M. The RPA Market Will Reach \$2.9 Billion by 2021. Forrester. 2017.

## TASKS WELL-SUITED FOR RPA

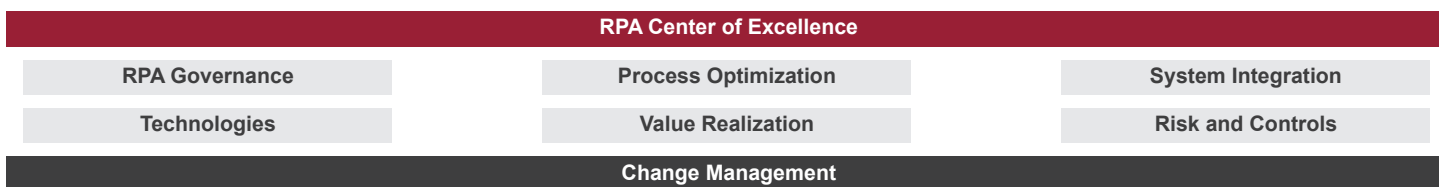
- Frequent, repetitive and well-defined data-entry or execution of a series of steps
- Tasks that require inputting and/or synchronizing data between multiple systems
- Supervising or checking the data entry work of humans against an established set of work
- Data migration into newly developed systems or data extraction and reporting tasks
- Executing or making decisions based on pre-determined rules
- And MORE!

## KEY BUSINESS BENEFITS OF RPA<sup>2</sup>

- **Improved Quality:** Robots are programmed, following set rules, and therefore can reduce the opportunity for human-like error and inconsistency to **0%**, ultimately leading to increased customer satisfaction
- **Scalability:** RPA is quickly implemented, and existing robots are easily adjusted to account for project fluctuation and concurrent tasks
- **Maximized Productivity:** Human workers become more satisfied and robots have **24/7** availability and performance reducing processing time up to **85%**
- **Cost Reduction:** Process automation robots can reduce processing costs by up to **80%** and offer an ROI in as little as **2 months**

## ESTABLISHING A SOLID RPA PROGRAM AND CENTER OF EXCELLENCE

Below are the key elements necessary for a solid RPA program:



Paradigm's stages of intelligent automation:



## MEET THE EXPERT



**Dennis McDonald**  
**Vice President of Business Transformation**

Dennis oversees Paradigm's Business Transformation, IT Transformation, and Project Leadership practices. He has a unique blend of senior Technology and Business leadership experience and is focused on developing and growing Paradigm's capabilities in Robotics Process Automation, IT Simplification, Program Management as a Service (PMaaS), and Organizational Change Management (OCM).

**HOW CAN RPA IMPROVE RELIABILITY AND LOWER COSTS IN YOUR BUSINESS?**

**WE INVITE YOU TO LEARN MORE - REACH OUT TO OUR EXPERT TODAY!**



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