INDUSTRY GUIDE

RPA: The Foundation for Future Business Efficiency

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Robotic Processing Automation (RPA): The Foundation for Tomorrow's Business Efficiency

To keep pace with the high demands of today's business requirements, many businesses are finding that automation tools such as Robotic processing automation (RPA) are helping to automate critical business processes, freeing up time to redirect resources to other business operations. In doing so, businesses are not only saving time, money and resources, but helping employees focus on key business tasks and feel a stronger sense of work balance.

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Robotics Processing Automation has been growing in both technological sophistication and market adoption over the past few years. Furthermore, as businesses adopt more applications and services, and grow to cater to a global market, internal processes become more sophisticated, complex, and rigid.

Robotic Process Automation (RPA) at a Glance

Robotic Process Automation uses software to automate repetitive human tasks to relieve employees of time-wasting tasks so they can focus on other higher-value business processes.

Benefits of RPA include:

• **Increased Productivity —** When implemented correctly, RPA can automate tasks greatly, reducing the cost of operations for given tasks. With RPA, a salaried employee can focus on other higher-valued tasks.

• **Increased Efficiency —** With RPA, repeatable tasks are operationalized, increasing efficiency and productivity for the employee and business.

• **Enhanced Accuracy —** RPA removes human error, ensuring that menial, repeatable tasks are done with 100% accuracy and efficiency.

• **Increased Security —** By removing the human element from a task, you also remove the risk of malicious exploitation of sensitive data. By operationalizing the processing of sensitive data, businesses can increase their overall security posture.

Recent surveys around RPA say it all. According to a recent Deloitte survey, "53% of enterprises have already adopted some type of RPA and in 5 years, at the current growth rate, the adoption of RPA will reach almost all companies that will use the technology in some way."

In other words, RPA is projected to reach almost universal adoption in 2023. This rapid market uptake demands that all businesses pay careful attention to RPA.

RPA not only possesses significant optimization capabilities for a business, but also points to the fact that without its adoption, businesses risk being out-innovated by those who are willing to optimize their operations.

Why the Traditional Process Isn't Enough

It's estimated that the average enterprise uses 464 custom applications today, not to mention the

various software-as-a-service (SaaS) solutions and business management tools that provide the foundation for a modern technology-dependent business to run. From APIs, CRM, to ERPs productivity tools, it's clear that modern operations depend on these modern tools and that trend is not going away any time soon.

It's simply the reality of operating a business today: there is an explosive proliferation of applications and business tools that are required to simply meet day-to-day baseline operations.

Many of the previous solutions to address inefficiencies such as outsourcing, or delegating task forces to attempt to optimize a manual process, were only effective until technology could catch up and automate tasks in a seamless, efficient, and cost-optimized manner.

Now those businesses that refuse to innovate, or that don't make use of modern technology tools to automate and operationalize their business, will simply not be able to keep up in this ever-evolving technological business environment.

What Processes Can RPA Handle?

As businesses consider how to leverage RPA, it's important to consider that some types of tasks are better suited for RPA. Other more nuanced high-touch processes are better suited for employees to manage, and enterprises should adjust accordingly.

RPA is well suited for:

- Logging into applications
- Moving files/folders
- Reading from or inputting data into a database
- Retrieving data from a website
- Connecting to a system API
- Retrieving data from PDFs, docs, emails, and Excel
- Opening email attachments
- Logic operations

By considering the wide scope of processes that RPA can automate, it quickly becomes apparent that a significant percentage of daily business operations may be a candidate for RPA. However, it's important to note that not all RPA solutions are equal, and mismanagement or badly-applied processes can potentially result in operational issues.

What Can Businesses Expect from Implementing RPA?

Considering a basic implementation of RPA is the best way to understand how RPA can benefit a business. For example: take a simple invoicing procedure. To gain meaningful business data from an invoice requires taking the invoice name, ID, financial information, and associated business department or other pertinent information and transferring that information to various business applications.

Of course, as a business grows to incorporate various departments, more employees, and more processes, this simple invoicing procedure can quickly require an entire team to facilitate this activity hands-on.

With the right RPA solution and the right consulting services, businesses can transform this process from a rigid, inflexible, non-scalable process, to a well-oiled automated task. Those tasked with handling the manual process can regain control of work and focus on other important tasks at hand, while the task itself can be done quickly and without errors.

So how can a business navigate the implementation of RPA effectively while minimizing business disruptions and maintaining high-touch business operations effectively?

It requires an industry professional.

QCT Delivered Solutions for RPA

QCT has been a long-standing technology partner in delivering data center technology solutions and cloud solutions, powered by Intel, that provide the foundation for hyper-scale data center and telecommunication operations for industry leaders. Building on this existing mature technology offering,

QCT is delivering an end-to-end RPA implementation solution to optimize and automate business processes.

Process Automation Solutions Delivered by QCT

QCT offers an end-to-end Robotic Process Automation (RPA) solution, powered by Intel® Xeon® Scalable processors, which is optimized for cloud, enterprise, HPC, network, security, and IoT workloads.

These servers aren't only equipped with the latest 3rd Gen Intel® Xeon® Scalable processors, but they also include Intel® Turbo Boost Technology, Intel® Hyper-Threading Technology, Intel® SGX, and Intel® Crypto Acceleration to efficiently use the processor cores to increase processor speeds in order to deliver an optimized, secure, and customizable RPA implementation service to fulfill all automation needs.

Additionally, Intel® Deep Learning Boost (Intel® DL Boost) acceleration is built-in specifically for the flexibility to run complex AI workloads on the same hardware as your existing workloads. This overall solution also provides a powerful, trustworthy infrastructure, with RPA software support from qualified process consultants and process automation developers.

This end-to-end hardware and consulting approach is built on the rich technical expertise and mature technology offerings provided by QCT to offer effective RPA technology and consulting services, so that businesses can reap the rewards of real process optimization.

QCT RPA Building Block Service

QCT goes above and beyond the standard RPA offerings by providing a building block service approach for clients. By combining QCT's ever expanding technology portfolio paired with QCT consulting expertise and the latest Intel® Xeon® Scalable processors, clients gain access to the following:

Hardware and Infrastructure Offerings - QCT provides the most powerful, trustworthy, efficient infrastructure for running all the applications.QCT will also design the infra to meet users' requirements.

Software - QCT possesses technical and business collaboration with market-leading RPA software vendors, allowing for first-line RPA software support and providing the RPA licenses at an affordable price.

E2E RPA Implementation Services - QCT processes years of experience in RPA projects, and is capable of being a process consultant and a process automation developer; therefore, QCT offers an end-to-end RPA implementation service to fulfill all your automation needs and wants.

This multi-tiered offering acts a differentiator in the space, helping businesses navigate the implementation of RPA solutions efficiently and effectively through an end-to-end highly tailored approach.

Moving Forward with RPA Delivered by QCT

If you're ready to embark on a journey to unlock unparalleled value with business automation through RPA, consider working with the industry experts at QCT. With a mature technology portfolio and a global workforce of technology experts, QCT is well equipped to handle and RPA implementation.

About QCT

Quanta Cloud Technology (QCT) is a global datacenter solution provider that combines the efficiency of hyperscale hardware with infrastructure software from a diversity of industry leaders to solve next-generation datacenter design and operation challenges.

As a Fortune 500 company, QCT serves cloud service providers, telecoms and enterprises running public, hybrid and private clouds at a global scale.

www.qct.io

About SDxCentral

SDxCentral is a data intelligence company specializing in media technology and marketing applications to predict, understand, and influence buyers in the IT infrastructure space. By utilizing proprietary technology to identify and leveraging market trends, SDxCentral delivers comprehensive go-to-market solutions to B2B organizations targeting enterprise IT, telecom, and hyperscalers. Built on the pillars of relevance, precision, and trust, SDxCentral looks for these attributes in all of our team members.

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