simple process automation

Demystifying Simple Process Automation: Your Guide to Efficiency and Growth

simple process automation is no longer a complex, enterprise-level pursuit; it's an accessible strategy for businesses of all sizes to streamline operations, boost productivity, and unlock significant growth potential. In today's fast-paced environment, manual, repetitive tasks can quickly become bottlenecks, draining valuable resources and increasing the risk of human error. This comprehensive guide will demystify the concept, explore its core components, and illustrate how to implement it effectively. We will delve into identifying the right processes for automation, the various tools and technologies available, and the tangible benefits that await organizations embracing this transformative approach. Furthermore, we will examine the crucial steps for successful implementation and offer insights into scaling your automation efforts for sustained success. Understanding simple process automation is key to staying competitive and agile in the modern business landscape.

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What is Simple Process Automation?

Simple process automation refers to the application of technology to automate repetitive, rule-based, and often time-consuming tasks within business workflows. It’s about taking these mundane activities, which typically require human intervention and decision-making based on predefined logic, and handing them over to software or automated systems. The goal is to reduce manual effort, minimize errors, and free up human capital for more strategic and value-added work. This isn't about complex artificial intelligence or machine learning for every scenario, but rather leveraging straightforward technological solutions to make everyday operations smoother and more efficient. The essence lies in identifying

predictable patterns and creating automated sequences to execute them.

Think of it as creating digital assistants that can perform specific, recurring jobs without constant oversight. This could range from sending out standard email responses to data entry, generating reports, or even managing simple customer service inquiries. The "simple" aspect highlights that these are often uncomplicated, sequential tasks that follow a clear set of instructions. It’s the foundational layer of digital transformation, making immediate and tangible improvements to operational workflows. The impact can be felt across departments, from finance and HR to marketing and operations, fostering a more productive and responsive organization.

Why Embrace Simple Process Automation?

The rationale behind adopting simple process automation is multifaceted, driven by the pursuit of enhanced efficiency, cost reduction, and improved accuracy. Businesses that successfully implement these automation strategies often experience a significant uplift in their operational performance. By delegating repetitive tasks to automated systems, organizations can reallocate their human workforce to focus on critical thinking, problem-solving, and customer engagement, tasks that truly drive innovation and growth. This shift not only boosts employee morale by reducing drudgery but also enhances their overall contribution to the company's strategic objectives. Ultimately, it’s about working smarter, not just harder.

Increased Efficiency and Productivity

One of the most immediate and compelling benefits of simple process automation is the dramatic increase in operational efficiency. Automated processes run at speeds far exceeding human capabilities, and they can operate continuously without breaks or fatigue. This means that tasks which previously took hours or even days can be completed in minutes or seconds. This acceleration allows businesses to process more work, serve more customers, and respond to market demands more rapidly. Productivity gains are not just about speed; they are also about consistency and reliability, ensuring that operations are not disrupted by human variability.

Reduced Operational Costs

Manual labor is a significant cost for any business. By automating repetitive tasks, companies can reduce the need for human intervention, leading to substantial cost savings. This doesn't necessarily mean immediate layoffs, but rather a reallocation of resources. Instead of hiring more staff to handle growing volumes of repetitive work, businesses can leverage automation to scale their operations more affordably. Furthermore, the reduction in human error associated with manual processes also translates to cost savings by preventing rework, data correction, and associated

downstream issues that can be expensive to fix.

Enhanced Accuracy and Reduced Errors

Humans are prone to mistakes, especially when performing monotonous and repetitive tasks. Simple process automation, when properly configured, executes tasks with a high degree of accuracy and consistency. This is particularly crucial in areas like data entry, financial reconciliation, and compliance reporting, where even minor errors can have significant consequences. By minimizing human error, businesses can improve the quality of their output, build greater trust with customers and partners, and avoid costly remediation efforts. The predictable nature of automated processes ensures that tasks are performed exactly as intended, every single time.

Improved Employee Morale and Engagement

When employees are bogged down with tedious, repetitive tasks, their job satisfaction and engagement levels can suffer. Automating these mundane activities frees them up to focus on more stimulating and meaningful work, such as strategic planning, creative problem-solving, and customer relationship building. This not only enhances their job satisfaction but also allows them to develop new skills and contribute more significantly to the company's overall success. A workforce that feels valued and empowered to perform higher-level tasks is generally more motivated and productive.

Identifying Processes Ripe for Automation

The key to successful simple process automation lies in accurately identifying which business processes are the most suitable candidates for automation. Not every task is a good fit, and attempting to automate complex, highly variable, or relationship-driven processes can lead to frustration and failure. The focus should be on processes that are stable, predictable, and occur with a high frequency. By strategically selecting the right processes, organizations can maximize their return on investment and achieve tangible improvements quickly.

Criteria for Suitable Processes

Several key criteria can help pinpoint processes that are ideal for automation. These include tasks that are:

- **Repetitive:** Performed multiple times a day, week, or month.
- **Rule-Based:** Follow a clear, predefined set of instructions or logic.

- **High-Volume:** Involve a large quantity of data or transactions.
- **Prone to Human Error:** Where manual execution leads to frequent mistakes.
- **Time-Consuming:** Take up a significant amount of an employee's time.
- **Data-Intensive:** Involve the transfer or manipulation of data between systems.
- **Low-Complexity:** Do not require nuanced judgment or subjective decision-making.

Common Examples of Automatable Processes

Many everyday business operations fall into the category of simple process automation candidates. Some common examples include:

- **Data Entry and Migration:** Transferring information from one system or document to another.
- **Report Generation:** Compiling data from various sources into standard reports.
- **Invoice Processing:** Extracting data from invoices and entering it into accounting software.
- **Email Management:** Sending automated responses, categorizing emails, or forwarding specific messages.
- **Customer Onboarding:** Automating the initial setup and data collection for new clients.
- **Employee Onboarding:** Streamlining the HR processes for new hires, such as document submission and system access.
- **Password Resets:** Handling routine requests for account password recovery.
- **Form Filling:** Automatically populating fields in standard forms.

Types of Simple Process Automation Tools

The landscape of simple process automation tools is diverse, offering solutions for various needs and technical skill levels. From dedicated software to built-in features within existing applications, organizations can find tools that align with their specific requirements and budget. The choice of tool often depends on the complexity of the process, the systems involved, and the technical expertise available within the

organization. Understanding these different types can help in selecting the most appropriate solution.

Robotic Process Automation (RPA)

Robotic Process Automation (RPA) is a leading technology in simple process automation. RPA "bots" are software robots that mimic human actions when interacting with digital systems and software. They can log into applications, extract data, move files, fill in forms, and perform a wide range of other tasks that a human would typically do by clicking and typing. RPA is particularly effective for automating tasks that involve interacting with legacy systems or applications that do not have open APIs. It's designed to be non-intrusive and can often be implemented without significant changes to underlying IT infrastructure.

Workflow Automation Tools

Workflow automation tools focus on streamlining the flow of tasks and information between different people and systems within a business process. These tools allow users to design, manage, and automate complex workflows, ensuring that tasks are completed in the correct order and by the right individuals. They often provide visual interfaces for building workflows, incorporating conditional logic, approvals, and notifications. Many CRM, ERP, and project management systems include built-in workflow automation capabilities.

Integration Platform as a Service (iPaaS)

iPaaS solutions are cloud-based services that enable the integration of various applications and data sources, both on-premises and in the cloud. While often used for more complex integrations, iPaaS can also be leveraged for simple process automation by connecting disparate systems and automating data exchange between them. This can eliminate manual data transfer, reducing errors and improving data consistency across the organization. iPaaS tools often come with pre-built connectors for popular applications, making the integration process more straightforward.

Scripting and Low-Code/No-Code Platforms

For organizations with some technical expertise, scripting languages like Python can be used to automate a wide array of tasks, from file manipulation to data processing. More broadly, low-code and no-code platforms are emerging as powerful tools for simple process automation. These platforms allow users to build applications and automate processes using visual interfaces and drag-and-drop functionalities, requiring minimal or no traditional coding. This democratizes automation, empowering citizen developers

within business units to create their own automated solutions.

The Step-by-Step Guide to Implementing Simple Process Automation

Successful implementation of simple process automation requires a structured and methodical approach. Jumping in without a clear plan can lead to wasted resources and suboptimal outcomes. By following a well-defined process, businesses can ensure that their automation initiatives are aligned with their strategic goals and deliver the desired results. This guide outlines the essential steps to take from initial identification to ongoing management of automated processes.

Step 1: Identify and Document Processes

The first crucial step is to thoroughly identify and document the business processes that are candidates for automation. This involves understanding the current state of the process, including all the steps involved, the inputs and outputs, the systems used, and the people responsible. Detailed documentation is vital for understanding the intricacies of the process and for ensuring that the automated solution accurately replicates or improves upon the manual workflow. Engage with the people who perform these tasks daily, as they possess invaluable insights.

Step 2: Prioritize and Select Processes

Once a list of potential processes has been identified, they need to be prioritized based on factors such as potential return on investment (ROI), complexity, and impact on business objectives. Focus on processes that offer the highest value and are relatively straightforward to automate. Starting with a few high-impact, low-complexity processes can build momentum and demonstrate early success, making it easier to gain buy-in for more ambitious projects later on.

Step 3: Design and Configure the Automation Solution

With the chosen process defined and prioritized, the next step is to design and configure the automation solution. This involves selecting the appropriate tools or technologies, mapping out the automated workflow, and setting up the necessary configurations. For RPA, this might involve recording or scripting bot actions. For workflow automation tools, it means building the workflow visually. Rigorous testing at this stage is essential to ensure the automation performs as expected.

Step 4: Test Thoroughly

Thorough testing is non-negotiable. Before deploying any automated process into a live environment, it must be rigorously tested under various scenarios, including edge cases and error conditions. This testing should involve the users who will be impacted by the automation to ensure it meets their needs and expectations. Identify and fix any bugs or inefficiencies before going live to prevent disruptions.

Step 5: Deploy and Monitor

Once testing is complete and satisfactory, the automated process can be deployed. However, the work doesn't end here. Continuous monitoring is essential to ensure the automation continues to function correctly, performs optimally, and remains aligned with business needs. Monitor key performance indicators (KPIs) and be prepared to make adjustments as needed. Establish clear channels for feedback and incident reporting.

Step 6: Optimize and Scale

As you gain experience with automation, look for opportunities to optimize existing processes and scale your automation efforts. This might involve refining the automation logic, incorporating new functionalities, or identifying additional processes that can benefit from automation. Building a mature automation strategy involves creating a framework for continuous improvement and expansion across the organization.

Measuring the Success of Your Automation Efforts

To truly understand the value of simple process automation, it's crucial to establish clear metrics and continuously measure its impact. Without proper measurement, it's difficult to justify the investment, identify areas for improvement, or demonstrate the return on investment (ROI). Defining success metrics upfront ensures that the automation initiative is aligned with tangible business outcomes and that its progress can be tracked effectively over time.

Key Performance Indicators (KPIs) for Automation

Several key performance indicators can be used to gauge the success of your automation efforts. These KPIs should be quantifiable and directly linked to the objectives of the automation project. Common examples include:

- **Cycle Time Reduction:** The decrease in the time it takes to complete a process from start to finish.
- **Error Rate Reduction:** The percentage decrease in mistakes or rework associated with the automated process.
- **Cost Savings:** The tangible financial benefits realized through reduced labor, fewer errors, or increased throughput.
- **Throughput Increase:** The number of transactions or tasks processed in a given period.
- **Employee Time Reclaimed:** The amount of time employees have been freed from manual tasks to focus on higher-value activities.
- **Customer Satisfaction Scores:** Improvements in customer experience due to faster response times or fewer errors.
- **Compliance Adherence:** Increased accuracy and consistency in meeting regulatory or internal policy requirements.

Tools and Techniques for Measurement

Measuring success often involves a combination of automated reporting and manual analysis. RPA bots can be configured to log their activities and performance data, which can then be analyzed. Workflow automation tools typically provide dashboards and reporting features that offer insights into process performance. In addition, employee feedback, customer surveys, and financial reports are invaluable for providing a holistic view of the impact. Regularly reviewing these metrics allows for informed decision-making regarding process optimization and the expansion of automation initiatives.

Overcoming Challenges in Simple Process Automation

While the benefits of simple process automation are significant, organizations may encounter various challenges during implementation and ongoing management. Anticipating these hurdles and developing strategies to overcome them is key to a smooth and successful automation journey. Proactive planning and a flexible approach can mitigate many common issues.

Resistance to Change

One of the most common challenges is resistance from employees who may fear job displacement or are hesitant to adopt new technologies. Effective communication, training, and involving employees in the process can help alleviate these concerns. Highlighting how automation frees them for more engaging work, rather than replacing them, is crucial for fostering acceptance and buy-in.

Technical Complexity and Integration Issues

Integrating automation tools with existing IT systems can sometimes be complex, especially in legacy environments. Ensuring compatibility and addressing potential integration challenges requires careful planning, skilled IT resources, and sometimes the selection of tools designed for easier integration. Thorough testing of integrations is paramount.

Scope Creep

Without clear objectives and boundaries, automation projects can suffer from scope creep, where the project expands beyond its original goals, leading to delays and increased costs. Maintaining a defined scope, prioritizing features, and managing change requests rigorously are essential to keep projects on track and within budget.

Lack of Skilled Resources

Implementing and managing automation solutions requires a certain level of technical expertise. Organizations may struggle to find or retain individuals with the necessary skills. Investing in training for existing staff, leveraging external expertise, or choosing user-friendly automation platforms can help address this challenge.

Maintaining and Updating Automations

Business processes and underlying systems are not static. As they evolve, automated processes will need to be maintained and updated to remain effective. Establishing a governance framework and a clear process for managing changes to automated workflows is vital for long-term success and to prevent automations from becoming obsolete or malfunctioning.

The Future of Simple Process Automation

The evolution of simple process automation is dynamic, with ongoing advancements in technology shaping its future. As organizations become more comfortable with automation, the focus is shifting towards more intelligent and pervasive applications. The trend points towards automation becoming more deeply embedded in daily operations, empowering a wider range of users and tackling increasingly sophisticated tasks. The lines between simple automation and more advanced intelligent automation are also blurring, leading to more powerful and integrated solutions.

The future will likely see greater adoption of AI and machine learning capabilities within simple automation platforms, enabling them to handle more complex decision-making and learn from their environment. This will push the boundaries of what can be automated, moving beyond purely rule-based tasks. Furthermore, the rise of hyperautomation, which combines RPA with other advanced technologies like AI, process mining, and analytics, will enable organizations to automate end-to-end business processes with unprecedented efficiency and insight. The accessibility of these tools will continue to increase, making sophisticated automation achievable for a broader spectrum of businesses, driving further innovation and competitive advantage.

Frequently Asked Questions

Q: What is the primary benefit of implementing simple process automation?

A: The primary benefit of implementing simple process automation is the significant increase in operational efficiency and productivity, achieved by reducing manual effort, minimizing errors, and freeing up human resources for more strategic tasks.

Q: Can small businesses benefit from simple process automation?

A: Absolutely. Simple process automation is highly scalable and accessible. Small businesses can benefit immensely by automating repetitive tasks, improving customer service response times, and reducing operational costs with relatively affordable tools and strategies.

Q: What kind of processes are most suitable for simple process automation?

A: Processes that are repetitive, rule-based, high-volume, time-consuming, and prone to human error are most suitable for simple process automation. Examples include data entry, report generation, invoice processing, and email management.

Q: How does Robotic Process Automation (RPA) differ from traditional software?

A: RPA bots mimic human actions by interacting with digital interfaces, similar to how a human would use a keyboard and mouse. Traditional software is typically designed to perform specific functions within a closed system or perform complex computations, whereas RPA acts as a digital workforce layer on top of existing applications.

Q: What is the role of employee training in simple process automation implementation?

A: Employee training is critical for ensuring adoption, addressing resistance to change, and upskilling the workforce. Training helps employees understand how automation works, how it benefits their roles, and how to work alongside automated systems or even manage simple automations themselves.

Q: How can an organization ensure the security of automated processes?

A: Security in simple process automation is ensured through robust access controls, encryption of sensitive data, regular security audits, adherence to compliance standards, and secure integration practices. It's crucial to implement security measures at every stage of the automation lifecycle.

Q: Is it necessary to have a dedicated IT team for simple process automation?

A: While an IT team is beneficial for complex implementations and infrastructure management, many modern simple process automation tools are designed to be user-friendly, allowing business users or "citizen developers" to implement and manage automations. However, IT oversight is always recommended for governance and security.

Simple Process Automation

simple process automation: Robotic Process Automation Christian Czarnecki, Peter Fettke, 2021-05-10 This book brings together experts from research and practice. It includes the design of innovative Robot Process Automation (RPA) concepts, the discussion of related research fields (e.g.,

Artificial Intelligence, AI), the evaluation of existing software products, and findings from real-life implementation projects. Similar to the substitution of physical work in manufacturing (blue collar automation), Robotic Process Automation tries to substitute intellectual work in office and administration processes with software robots (white-collar automation). The starting point for the development of RPA was the observation that – despite the use of process-oriented enterprise systems (such as ERP, CRM and BPM systems) – additional manual activities are still indispensable today. In the RPA approach, these manual activities are learned and automated by software robots, either by defining rules or by observing manual activities. RPA is related to business process management, machine learning, and artificial intelligence. Tools for RPA originated from dedicated stand-alone software. Today, RPA functionalities are also integrated into elaborated process management suites. From a conceptual perspective, RPA can be structured into input components (sensors in the wide sense), an intelligence center, and output components (actuators in the wide sense). From a strategic perspective, the impact of RPA can be related to the support of existing tasks, the complete substitution of human activities, and the innovation of processes as well as business models. At present, high expectations are related to the use of RPA in the improvement of software-supported business processes. Manual activities are learned and automated by software robots that interact with existing applications via the presentation layer. In combination with artificial intelligence (AI) as well as innovative interfaces (e. g., voice recognition) RPA creates a novel level of automation for office and administration processes. Its benefit potential reaches a return on investment (ROI) up-to 800% that is documented in various case studies.

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simple process automation: Intelligent Automation Simplified DEBANJANA DASGUPTA, 2021-11-02 A guide to understand the potential of Intelligent Automation across businesses and enterprises. KEY FEATURES ● A comprehensive discussion of key concepts, techniques, and key elements of intelligent automation. ● Expert coverage on combining various technologies, including RPA, AI, Blockchain, and IoT. ● Includes case studies and use cases for successful automation applications. ● Precise guidance on how to scale automation in enterprises. DESCRIPTION 'Intelligent Automation Simplified' guides tech professionals to take a much more simplified and sophisticated step towards developing intelligent automation. This book will explain the basic concepts of smart automation and how to put it into practice for a company. This book explores each stage of automation design and explains how these automation fragments can be brought together in the end-to-end automation of workflow. This book discusses numerous examples and scenarios that will help relate and understand how technology can be used in real life to solve business problems. This book provides a lot of information and insights and helps readers grasp the methodology used to develop an automation solution correctly. With detailed illustrations and real use-cases, you will be able to easily create smart automation solutions and practice how to modify them. Towards the end, the book describes how smart automation expands in a company and discusses the various strategies for large-scale use. The book also highlights the latest trends in intelligent automation and its progress into the future of work. WHAT YOU WILL LEARN ● Learn about the essential and primary components of intelligent automation. ● Investigate the capabilities of RPA and AI in the development of Intelligent Automation solutions. ● Recognize the factors that will help you choose the best processes for automation. ● Learn how to use the framework to create an Intelligent

Automation solution. ● Create a blueprint to scale automation in the enterprise. ● Discover the most recent Intelligent Automation trends from industry experts. WHO THIS BOOK IS FOR This book is intended for current and future technical professionals who want to learn about Intelligent Automation, plan, and implement it in an enterprise or consult with clients. Readers should be familiar with the software development workflow and have a basic understanding of advanced technologies such as AI and RPA. TABLE OF CONTENTS 1. Introduction to Intelligent Automation 2. Robotic Process Automation 3. Artificial Intelligence in Automation 4. Other technologies in Automation 5. Intelligent Automation Use cases 6. Enterprise Automation Journey 7. Intelligent Automation – Trends and the future

simple process automation: Learning Robotic Process Automation Alok Mani Tripathi, 2018-03-28 Design RPA solutions to perform a wide range of transactional tasks with minimal cost and maximum ROI Key Features A beginner's guide to learn Robotic Process Automation and its impact on the modern world Design, test, and perform enterprise automation task with UiPath Create Automation apps and deploy them to all the computers in your department. Book Description Robotic Process Automation (RPA) enables automating business processes using software robots. Software robots interpret, trigger responses, and communicate with other systems just like humans do. Robotic processes and intelligent automation tools can help businesses improve the effectiveness of services faster and at a lower cost than current methods. This book is the perfect start to your automation journey, with a special focus on one of the most popular RPA tools: UiPath. Learning Robotic Process Automation takes you on a journey from understanding the basics of RPA to advanced implementation techniques. You will become oriented in the UiPath interface and learn about its workflow. Once you are familiar with the environment, we will get hands-on with automating different applications such as Excel, SAP, Windows and web applications, screen and web scraping, working with user events, as well as understanding exceptions and debugging. By the end of the book, you'll not only be able to build your first software bot, but also you'll wire it to perform various automation tasks with the help of best practices for bot deployment. What you will learn Understand Robotic Process Automation technology Learn UiPath programming techniques to deploy robot configurations Explore various data extraction techniques Learn about integrations with various popular applications such as SAP and MS Office Debug a programmed robot including logging and exception handling Maintain code version and source control Deploy and control Bots with UiPath Orchestrator Who this book is for If you would like to pursue a career in Robotic Process Automation or improve the efficiency of your businesses by automating common tasks, then this book is perfect for you. Prior programming knowledge of either Visual Basic or C# will be useful.

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simple process automation: *Liquid Legal* Kai Jacob, Dierk Schindler, Roger Strathausen, 2020-08-27 Three years ago, the first Liquid Legal book compelled the legal profession to reassess its identity and to aspire to become a strategic partner for corporate executives as well as for clients. It also led to the foundation of the Liquid Legal Institute (LLI) – an association that sparks innovation and drives collaboration in the legal industry. This second Liquid Legal book builds on the LLI's progress and on the lessons learned by a legal community that has moved beyond focusing purely on LegalTech. It not only presents an outlook on how legal professionals will operate in the future, but also allows readers to develop a genuine understanding of the value of digitalization, standardization and new methodologies. Further, the book outlines a Common Legal Platform (CLP) and makes it the common point of departure for every author, offering inspiring insights from a wide range of forward-thinking experts who are all invested in driving new thinking within the legal ecosystem. The book also features "Liquid Legal Waves," which provide links between the various articles, connecting concrete ideas, practical solutions and specific topics and putting them into perspective, and so creating a true network of ideas for readers. A must read, this book is vibrant proof of the power of sharing, collaboration and coopetition, helping the legal profession to shape its digital future and revitalize its relevance while retaining a focus on the human lawyer.

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This book provides a comprehensive guide to process improvement for startups, integrating Lean, Six Sigma, Agile, and Kaizen principles to transform chaos into cash. Built on the Unified Magic methodology and refined through work with over 150 startups, it helps founders sidestep startup killers like regulatory fines, compliance failures, wasteful inefficiencies, and process breakdowns. The book delivers a roadmap to start well, fix before breaking, eliminate waste, streamline with AI, choose smart tools, document processes, scale effortlessly, boost customer satisfaction, and gain competitive advantage.

simple process automation: *Robotic Process Automation (RPA) in the Financial Sector* Mario Smeets, Ralph Erhard, Thomas Kaußler, 2021-07-29 Dieses Buch bringt Ihnen die Robotic Process Automation in der Finanzwirtschaft näher In der Finanzbranche ist das Thema Prozessautomatisierung seit Jahren nicht mehr wegzudenken. Doch wie setzt man solche Veränderungen im Rahmen des Changemanagements erfolgreich und effizient um? Das Buch „Robotic Process Automation in der Finanzwirtschaft“ zeigt es Ihnen. Im Fokus steht der recht junge RPA-Ansatz aus der Intelligent Automation. Dabei imitieren Roboter das menschliche Handeln. Die Eingabe von Befehlen erfolgt direkt über die Oberfläche. So gehören tiefgreifende Softwareveränderungen der Vergangenheit an. Im Zuge dessen klärt dieses Buch u. a. folgende Fragen bezüglich der Robotic Process Automation in der Finanzwirtschaft: • Was ist RPA überhaupt? • Welche Vorteile bringt diese Technologie mit sich? • Welche Erfolgsfaktoren tragen zu einer optimalen RPA-Implementierung bei? • Wie sieht ein mögliches RPA-Kompetenzcenter aus? • Welche Anwendungsbereiche für RPA gibt es? Eine Leseempfehlung für ein breites Zielpublikum Daneben beschäftigen sich die Autoren nicht nur mit dem Ist-Zustand der Robotic Process Automation. Zudem erhalten Sie einen Ausblick auf die zukünftige Entwicklung dieser Software-Lösung. Durch den hohen Praxisbezug ist das Buch speziell für folgende Zielgruppen eine lesenswerte Empfehlung: • Verantwortliche für die Implementierung von Prozessen oder Technologien im IT-Bereich • RPA-Anwender und Personen, die sich dafür interessieren • Erfahrene Experten und Praktiker, die branchenübergreifend mit RPA vertraut sind

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They present new concept of engineering tools integration platform to improve the development of safety critical embedded systems and illustrate capacity of this framework for end-user instantiation to specific domain needs and processes. They also advance state-of-the-art in component-based development as well as component and system validation and verification, with tool support. And finally they describe industry relevant evaluated processes and methods especially designed for the embedded systems sector as well as easy adoptable common interoperability principles for software tool integration.

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