



ROBOTIC PROCESS AUTOMATION





MCKINSEY GLOBAL INSTITUTE ESTIMATIONS

69% of data processing, and
64% of data-collection activities could
feasibly be automated in any Organisation



RPA IS..

Robotic process automation (RPA) is bots to automate repetitive and rule-based tasks.

RPA is a valuable tool for the healthcare industry, which is facing several challenges, including patient handling, billing and invoicing, inventory management and data accuracy.

In this presentation, we present some of the most common problems in healthcare industry and potential solutions, along with how RPA can help.

TRADING INDUSTRY

MANUAL DATA ENTRY AND ERRORS

CHALLENGES

Healthcare organizations often rely on manual data entry processes, which are time-consuming, prone to errors, and can lead to inconsistencies and inaccuracies in patient records, billing, and other data-driven tasks.

SOLUTION

RPA can automate data entry tasks, ensuring accurate and efficient data transfer between systems and reducing the risk of errors and inconsistencies.

TRADING INDUSTRY

LENGTHY CLAIMS PROCESSING

CHALLENGES

The claims processing workflow in healthcare involves various manual tasks, including verifying patient information, checking coverage, and generating claims.

SOLUTION

RPA can streamline the claims processing workflow by automating repetitive tasks, such as verifying patient information, checking coverage, and generating claims, resulting in faster processing and reimbursement for healthcare providers.

TRADING INDUSTRY

AUTHORIZATION AND PRIORITIZATION PROCESSES

CHALLENGES

The authorization and prioritization processes in healthcare, such as obtaining pre-approvals for procedures or determining the urgency of patient requests, often involve manual review and decision-making, leading to delays, potential errors, and inconsistent outcomes.

SOLUTION

RPA can automate authorization and prioritization processes by extracting relevant patient data, checking eligibility, and routing requests to the appropriate channels, reducing delays and improving patient care.

TRADING INDUSTRY

INEFFICIENT REVENUE CYCLE MANAGEMENT

CHALLENGES

The revenue cycle management in healthcare involves multiple tasks, such as billing, coding, and payment reconciliation, which are often manual and prone to errors.

SOLUTION

RPA can automate revenue cycle management tasks, such as billing, coding, and payment reconciliation, minimizing errors, accelerating payment cycles, and optimizing financial performance.

TRADING INDUSTRY

FRAGMENTED DATA AND SYSTEMS

CHALLENGES

Healthcare organizations often have multiple systems and databases that store valuable data, resulting in data fragmentation.

SOLUTION

RPA can integrate data from disparate systems and databases, consolidating information into a unified view, improving data accessibility, and enabling better decision-making and analysis.

TRADING INDUSTRY

MANUAL APPOINTMENT SCHEDULING

CHALLENGES

Traditional appointment scheduling processes in healthcare rely on manual interaction between patients and staff, leading to longer wait times, potential scheduling errors, and

- increased administrative burden for healthcare personnel.

SOLUTION

RPA can automate appointment scheduling processes, allowing patients to book appointments online, checking availability in real-time, and sending automated reminders, enhancing patient satisfaction and reducing no-show rates.

TRADING INDUSTRY

COMPLIANCE MONITORING AND REPORTING

CHALLENGES

Compliance with regulatory standards is crucial in healthcare, but manually monitoring and ensuring compliance can be challenging.

SOLUTION

RPA can automate compliance monitoring by regularly auditing systems, checking adherence to regulatory standards, and generating comprehensive reports, ensuring compliance and minimizing risks.

TRADING INDUSTRY

LENGTHY AND COMPLEX ONBOARDING PROCESSES

CHALLENGES

Employee onboarding in healthcare often involves collecting and verifying various documents, creating user accounts, and conducting training sessions.

SOLUTION

RPA can automate employee onboarding procedures, streamlining the collection and verification of documents, creating user accounts, and facilitating training, resulting in faster and more efficient onboarding experiences.

TRADING INDUSTRY

INEFFICIENT INVENTORY MANAGEMENT

CHALLENGES

Managing inventory and supplies in healthcare can be complex, involving tracking stock levels, generating purchase orders, and reconciling inventory records.

SOLUTION

RPA can automate inventory management tasks, such as tracking stock levels, generating purchase orders, and reconciling inventory records, optimizing supply chain management and minimizing stockouts or excess inventory.

PRODUCTION INDUSTRY

INCONSISTENT AND MANUAL DATA EXTRACTION FROM DOCUMENTS

CHALLENGES

Extracting relevant data from documents, such as medical records or invoices, often requires manual effort, leading to inconsistency, delays, and potential errors.

SOLUTION

RPA can automate data extraction from documents, such as medical records or invoices, using optical character recognition (OCR) technology, improving accuracy, speed, and efficiency in data processing.

PROCESS WHERE RPA CAN ENHANCE
IN TRADING INDUSTRY

These are just some examples of how RPA can address specific challenges in the healthcare industry.

By automating repetitive and rule-based tasks, RPA can free up healthcare professionals' time, reduce errors, and enhance overall operational efficiency.



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