



ROBOTIC PROCESS AUTOMATION





MCKINSEY GLOBAL INSTITUTE ESTIMATIONS

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



RPA IS..

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

RPA is a valuable tool for the retail and trading industry, which is facing several challenges, including streamlining supply chain, reconciliation, risk mitigation and data accuracy.

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

TRADING INDUSTRY

MANUAL TRADE CONFIRMATION PROCESS

CHALLENGES

Manual trade confirmation is time-consuming, error-prone, and can lead to delays in settlement.

SOLUTION

RPA can automate the trade confirmation process by extracting trade data, comparing it with internal systems, and generating accurate confirmation reports, reducing manual effort and minimizing errors.

TRADING INDUSTRY

COMPLEX TRADE SETTLEMENT PROCEDURES

CHALLENGES

Trade settlement involves multiple steps, systems, and counterparties, leading to inefficiencies and potential errors

SOLUTION

RPA can streamline trade settlement by automating validation, reconciliation, and communication with custodians or counterparties, ensuring timely settlement and reducing the risk of failed trades

TRADING INDUSTRY

TRADE RECONCILIATION ACROSS SYSTEMS

CHALLENGES

Trade data needs to be reconciled across various systems, leading to discrepancies and manual effort.

SOLUTION

RPA can automate trade reconciliation by comparing trade details from different systems, identifying discrepancies, and triggering exception handling processes, saving time and improving accuracy.

TRADING INDUSTRY

REGULATORY COMPLIANCE

CHALLENGES

Meeting regulatory compliance requirements is time-consuming, complex, and prone to errors

SOLUTION

RPA can assist in regulatory compliance by automating data collection, validation, and reporting processes, ensuring adherence to regulatory guidelines and reducing compliance-related risks.

TRADING INDUSTRY

RISK MANAGEMENT

CHALLENGES

Manual risk assessment and monitoring processes can lead to delayed risk identification and response.

SOLUTION

RPA can automate risk management by monitoring market conditions, analyzing trading activities, and generating real-time risk reports, enabling proactive risk mitigation and enhancing risk management capabilities.

TRADING INDUSTRY

TRADE SURVEILLANCE

CHALLENGES

Identifying instances of market manipulation or regulatory violations through manual monitoring is challenging and time-consuming.

SOLUTION

RPA can automate trade surveillance by monitoring trading patterns, analyzing data, and generating alerts or reports for further investigation, enhancing regulatory compliance and reducing the risk of misconduct.

TRADING INDUSTRY

TEDIOUS CLIENT ONBOARDING

CHALLENGES

Manual client onboarding processes are time-consuming, error-prone, and can lead to delays in account setup.

SOLUTION

RPA can streamline client onboarding by automating data collection, KYC checks, documentation verification, and account setup, reducing manual errors, accelerating onboarding timelines, and improving the client experience.

TRADING INDUSTRY

TRADE REPORTING

CHALLENGES

Manual trade reporting is labor-intensive, prone to errors, and can result in non-compliance with regulatory requirements.

SOLUTION

RPA can automate trade reporting processes by extracting trade data, formatting it according to regulatory standards, and submitting reports electronically, ensuring accurate and timely compliance.

TRADING INDUSTRY

TRADE LIFECYCLE MANAGEMENT

CHALLENGES

Manual intervention and data entry at various stages of the trade lifecycle can lead to inefficiencies and errors.

SOLUTION

RPA can automate trade lifecycle management by automating trade capture, order routing, position management, and profit and loss calculations, improving operational efficiency and enhancing straight-through processing (STP).

PRODUCTION INDUSTRY

DATA INTEGRATION AND AGGREGATION

CHALLENGES

Data from disparate systems and sources need to be integrated and aggregated for analysis and decision-making, which can be time-consuming and error-prone.

SOLUTION

RPA can integrate and aggregate data by extracting information from different sources, performing data cleansing, and making it available for analysis, enhancing data accuracy and accessibility.

PROCESS WHERE RPA CAN ENHANCE
IN TRADING INDUSTRY

These are some of the key challenges in the trading industry, along with their problem statements and corresponding solutions that RPA can help solve.

RPA's automation capabilities offer significant benefits in terms of efficiency, accuracy, and compliance, allowing trading firms to optimize their operations and focus on higher-value activities.



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