The 10th
Conference

THE 10th
CHIEF AUDIT EXECUTIVE CONFERENCE
"BEYOND ALL BARRIERS"
16th – 18th NOVEMBER, 2021
ATLANTIS, THE PALM HOTEL, DUBAI
UNITED ARAB OF EMIRATES

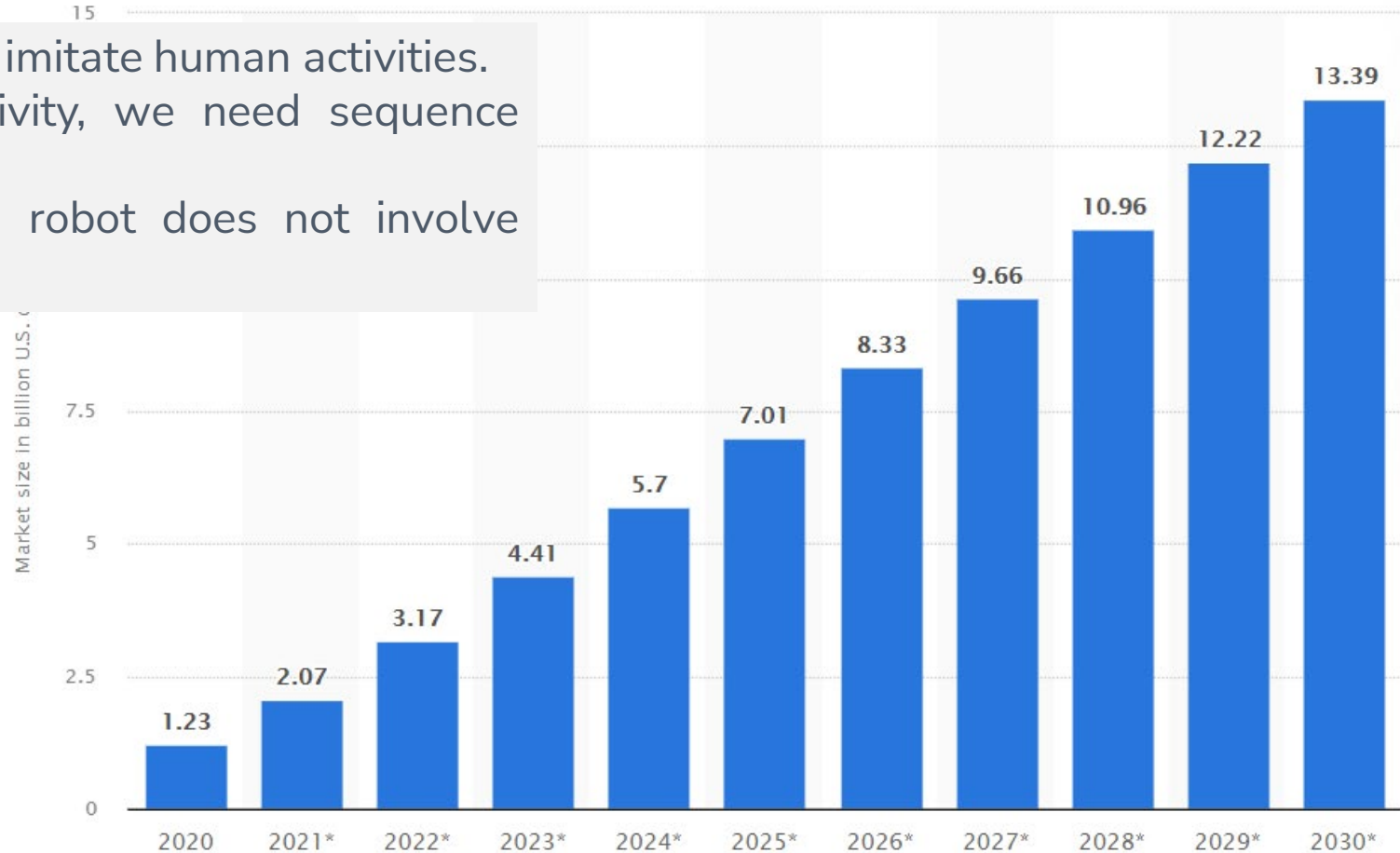# RPA for F&A Digital Transformation
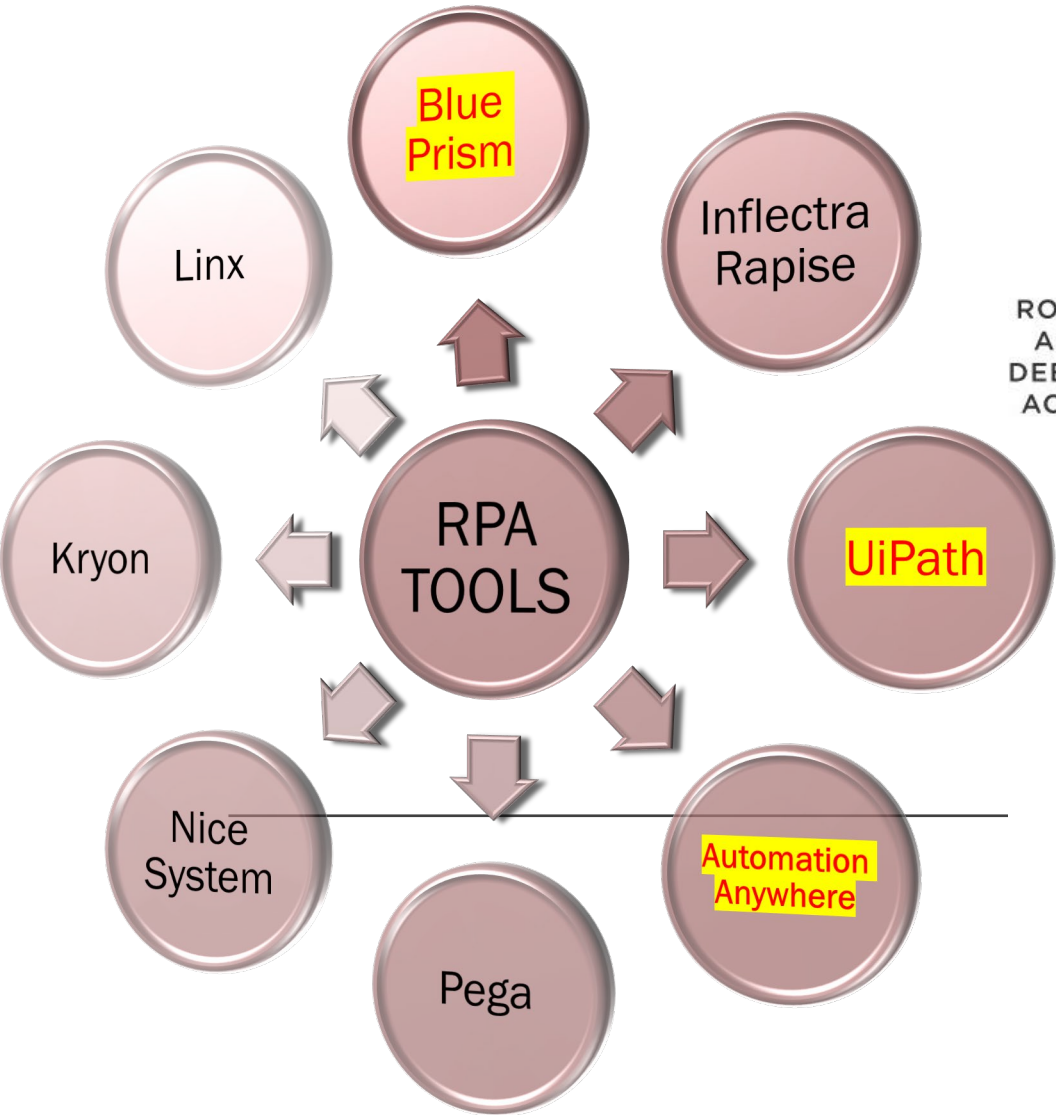
Presented by

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CPA, CMA, FCWA, CISA, PMP, SSBB, MBA, ISO 9001 LA

(RPA) market size worldwide from 2020 to 2030(in billion U.S. dollars)

- **Robotic:** Robots are machines that imitate human activities.
- **Process:** To do a significant activity, we need sequence steps.
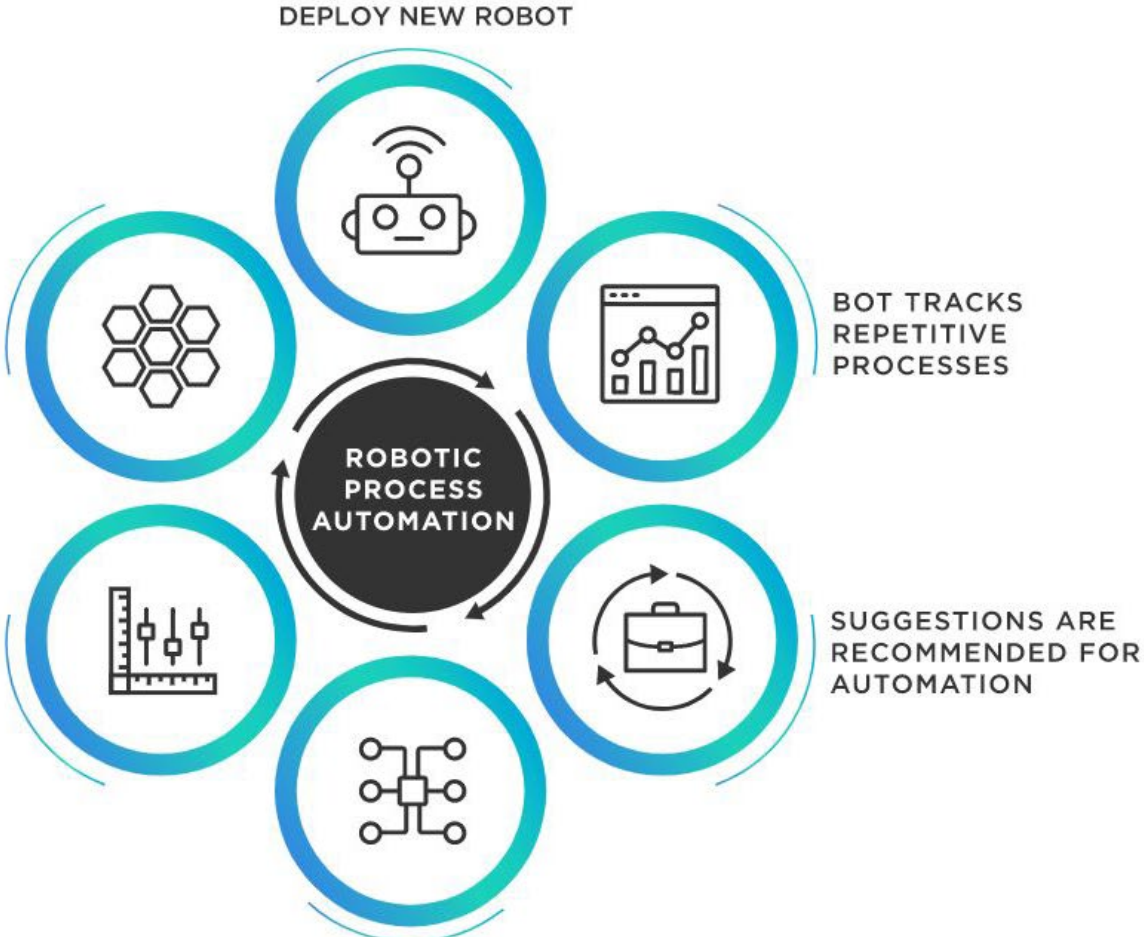- **Automation:** Any process that a robot does not involve humans.
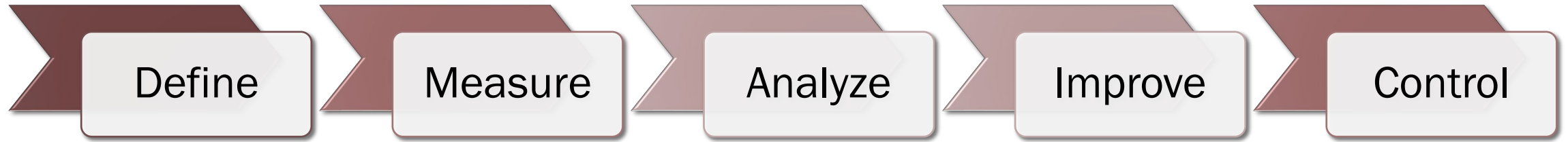
RPA Tools & Process

Six Sigma Phases

| Define | Measure | Analyze | Improve | Control |

RPA Phases

| Discovery | Solution Design | Development | UAT (User Acceptance Tests) | Deployment | Execute BOTS |
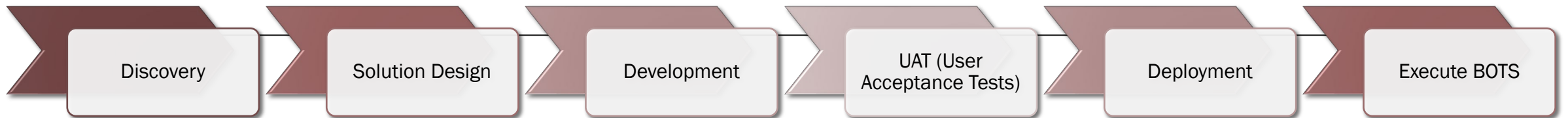
TRENDS IN RPA
(successfully carried out RPA projects)

GROUP LEVEL CHEQUE APPROVALS

- Created 3 different bots with Automation Anywhere to scrutinize all the rules set to approve Cheques.

- 1. Online upload of docs and details in easy share.

- 2. Integration of data from easy share to Automation Anywhere.

TRENDS IN RPA

INVOICE & PO APPROVAL AT HO

- PO Cross check for value above AED 100,000 to 1M, depends on size of the company.

- Automation of price comparison of previous suppliers and years.

- Total data management of 10 years, picking overall purchase trend Vs Revenue

TRENDS IN RPA

FINANCIAL PLANNING & ANALYSIS – REMINDERS AND EXTRACT FROM ERPS & POSTING TO POWER BI

Reports	Strict Deadline
Financials (P&L, Cash flow) - monthly closing	5th
Weekly Cash Flow Statement	every Thursday for next week
AP, AR & Inventory Ageing	5th
Collection Report	5th
Production Variances (Estimate Vrs Actual)	10th (for last month production)
Overhead Allocation Report (based on last month actual production)	3rd
Dashboard - Overall week's performance	every Sunday (for last week performance)
Rolling Budget	28th (for next month)
Cost Center Expense Report	5th
Yearly Master Budget	Starts by Nov, every year
Creditor's reconciliation	15st and 30th of every month
AP Ageing Report	30th every month
Production Cost Report	Every Sunday
Debtors' reconciliation	15st and 30th of every month
AR Ageing Report	30th every month
Credit Control Report	Every Sunday
Inventory Ageing	30th of every month
Payroll	20th every month
BRS	30th of every month
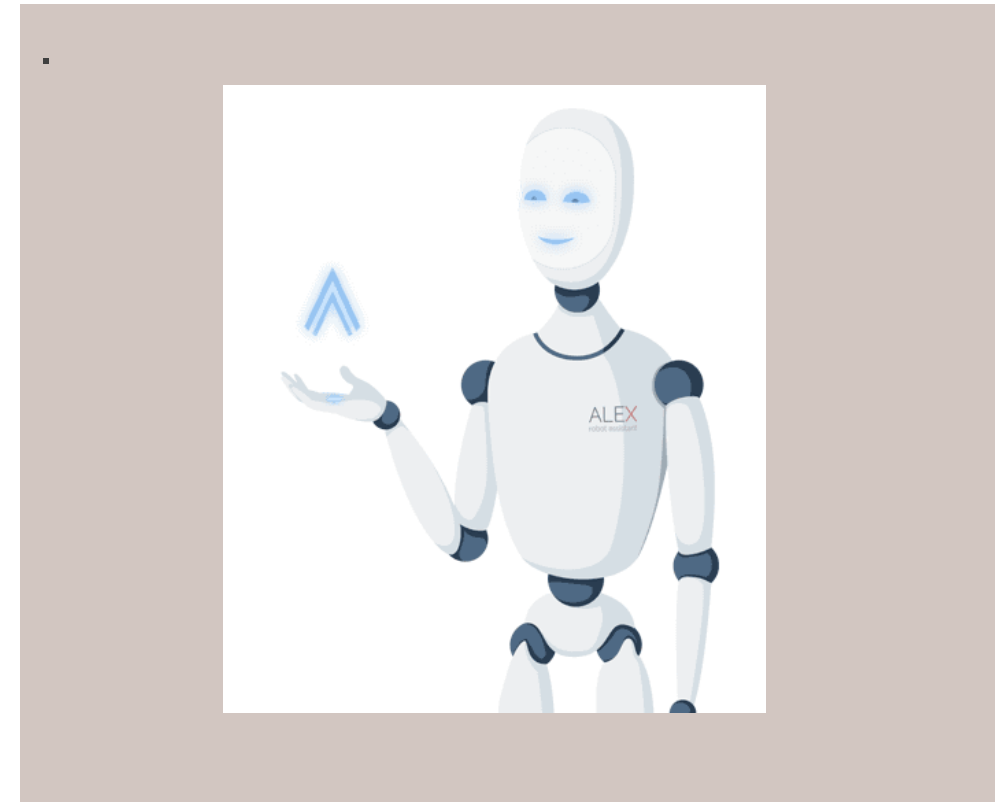
TRENDS IN RPA

BRS, BANKING & LC/BG MANAGEMENT

- Automated extracting Bank Statements from 230 plus different bank accounts, at the end of every month.

- And saving to the individual company central folders

- Automated extraction of cash book from the ERP and performing BRS on 5th of every month

- And posting results, sending notification to finance managers and auditors

- LC, GRN, Invoice & Usage Reconciliation.
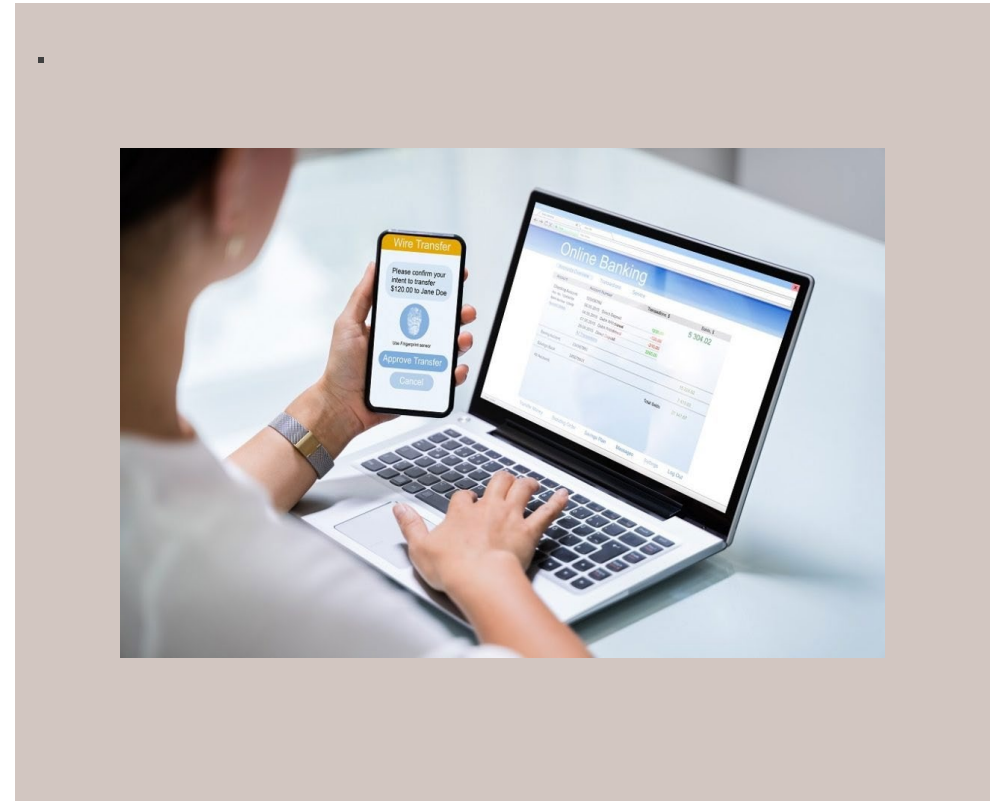
TRENDS IN RPA

INTEGRATION OF HARDWARE AND SOFTWARE BOTS IN AGRI-TECH

Sensor Integration – Humidity, Soil moisture, Illuminance, C02,

Smart Agriculture monitoring with RPA

Compost/Soil nutrients testing

Greens picking in Green houses

Employed AA Bots to filter data and provide alarm and focus areas for our Farms Manager

TRENDS IN RPA

READY-MIX TRUCK GPS INTEGRATION
WITH RPA

Sensor Integration – Humidity, Soil moisture, Illuminance, CO_2,

Smart Agriculture monitoring with RPA

Compost/Soil nutrients testing

Greens picking in Green houses

Employed AA Bots to filter data and provide alarm and focus areas for our Farms Manager
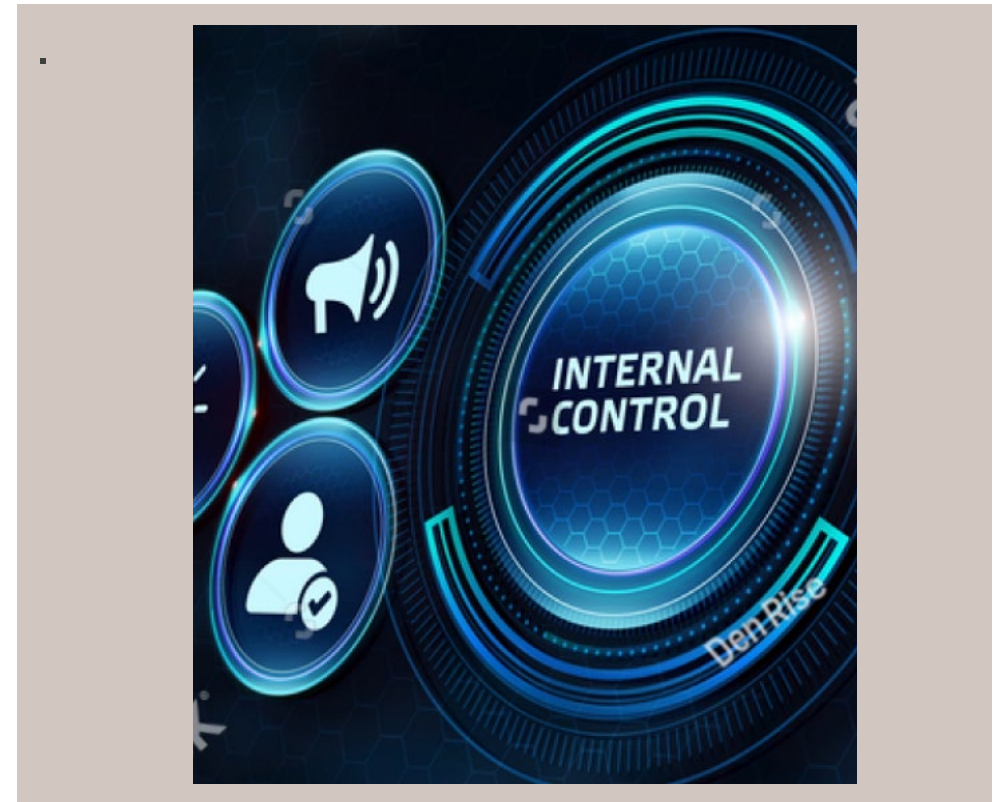
Ready Mix Concrete

TRENDS IN RPA

COMPLETE INTERNAL CONTROL CHECKLIST

DATA EXTRACTION FROM INDIVIDUAL SERVERS

- Quarterly tasks of checklist submission to each department manager – automated

- Receiving checklist from them and analysing key points based on the rules defined

- Internal Audit Check Work of overall 1 week time saving and accuracy.

TRENDS IN RPA

DESKTOP AUTOMATION

- Automated for all managers and chiefs of the company. Overall 40+ Desktops.

- Task Scheduling

- Calendar and meeting management

- Weekly reports pasting on the deskop

- Removing reports from desktop and planning it to central common folders

TRENDS IN RPA

CRM ACTIVATES AUTOMATION – EWW FMCG

- Mobile App for RFQ Posting and BOT compares rates quoted by sales team with the targets set by Management.

- Automated email activities – follow up with suppliers for orders or receivables.

- Automated customer information fills – integrated with google system

- Build various CRM Reports, Sales report person wise, location, market wise, trends, comparisions, Auto set on weekly basis

TRENDS IN RPA

PLC LANGUAGE DATA INTEGRATION WITH BOTS TO ARRIVE MACHINE PERFORMANCE

- Machine idle time

- Production according to the schedule

- Power and water consumption

- Time consumption for each set of production process

- Piece rate, jumbo roll cutting rates

- Sequential Function Charts (SFC) Ladder Logic Diagram (LD) Function Block Diagram (FBD)

TRENDS IN RPA

- Product Costing retrieval process automated from MRP (Material Requirement Planning) modules

- Separate COA for large scale manufacturing companies and extracting ledger entries for COGS, Pricing Analysis, Standard Costing, Variance Analysis

- R Leger Creation for Internal Company/Division set-off entries, AP/AR/COS elimination entries, for a cost effective consolidation tool. – ITCC, Qatar (completed half the cost of Hyperion)

- HD, IV, Tables, ODF Production data automation with costing and financial statements.

UPCOMING TRENDS RPA

- Greater adoption of RPA across industries. Currently confined to BPO, Banking & Insurance Sectors

- Intelligent Digital Workforce (Metaverse bot team) – will replace 70% of accounts and audit team.
  - AP Accountant, AR Accountant, FPNA, Internal Auditor, Prepayment Auditor etc

- Structural level Integration of Physical Robots and Systems BOTS for various operational activities.

- RPA – Intelligent RPA – True Cognitive RPA (deep human like understanding and decision suggestions)

- Define Set of Automated Process Softwares (Major RPA companies are in testing phase)

- Testing Tools replacement & BOTs on BOTs as a checker & surveillance

Thank You