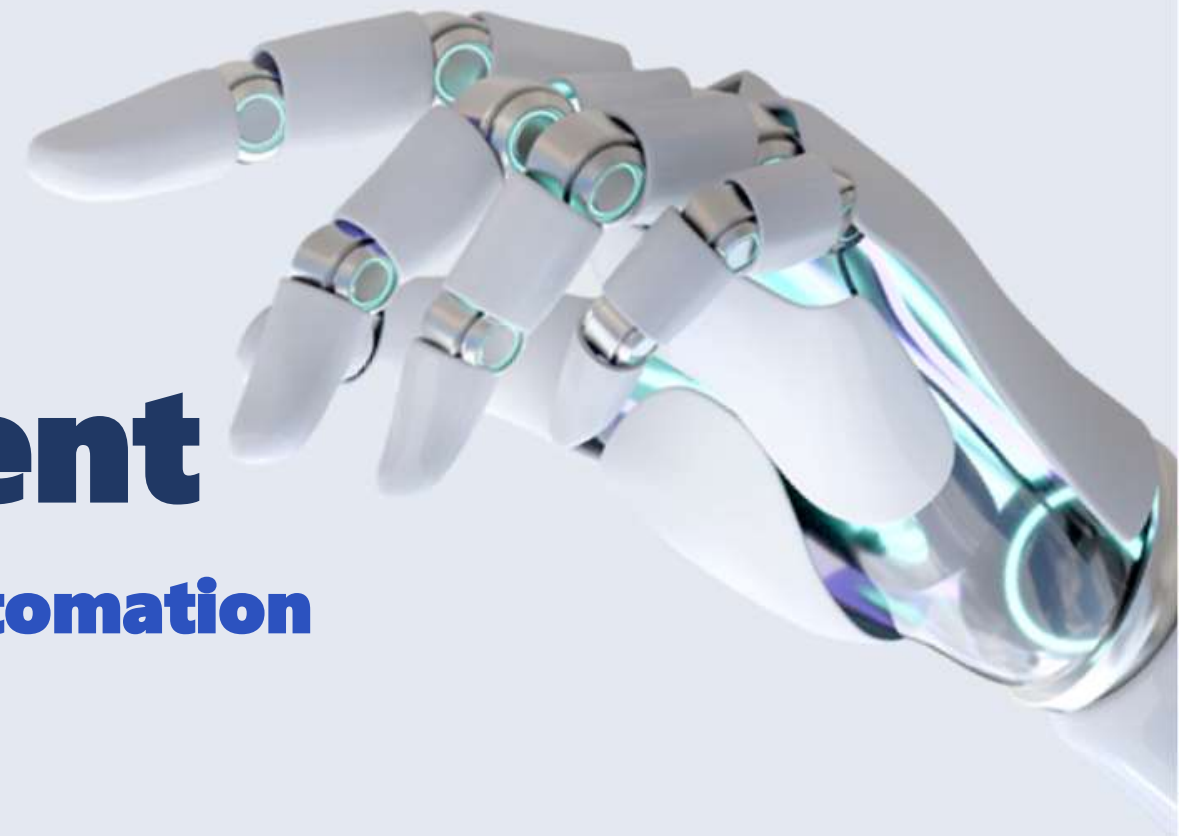


Post Clearance Audit Management

Empowered with Robot Process Automation



Real Facts with the Post Clearance Audit



Huge number of air, land, and sea shipments with 27 millions of yearly inbound declarations.



Manual auditing of shipment documents



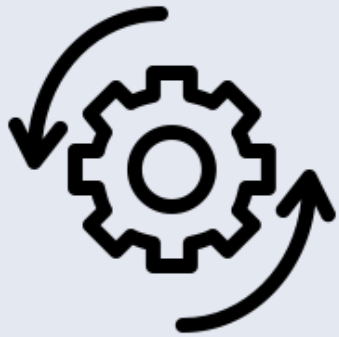
Human errors and risk of missed violations were growing concerns



40 auditors with capacity of auditing 20% of the annual declaration.

Project Objective

Dubai Customs envisioned a seamless, automated process for auditing shipment documents.



**Enhance
Efficiency**



**Reduce
Processing
Time**



**Improve
Accuracy**



**Strengthen
Security
Measures**

Project Complexity



Diverse Document Types

A broad array of highly varied document types.



Complex Structures

Documents with intricate layouts containing nested information.



60+ Extraction Fields

The need to extract information from over 60 fields, characterized by high variability.



Poor Scan Quality

Dealing with documents scanned at a low quality.



Non-sequential Pages

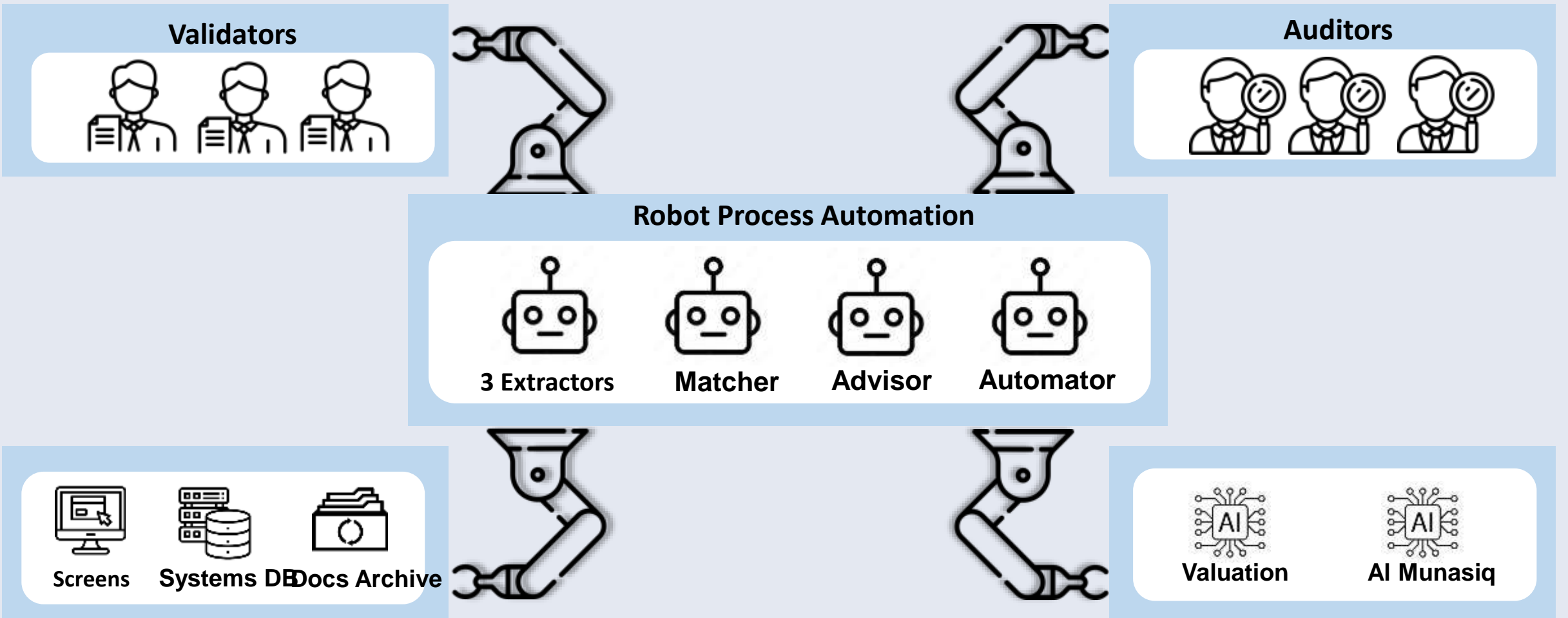
Managing documents with multiple pages that are not in a sequential order.



Geographic Variation

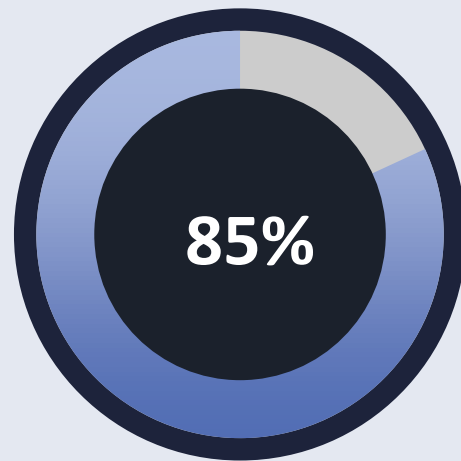
Document structures and content differ based on the country of origin.

RPA Model

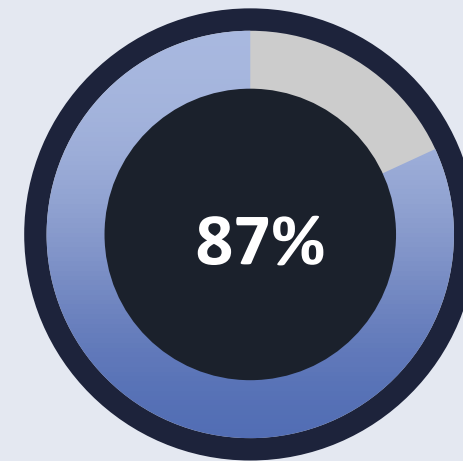


Success Factors

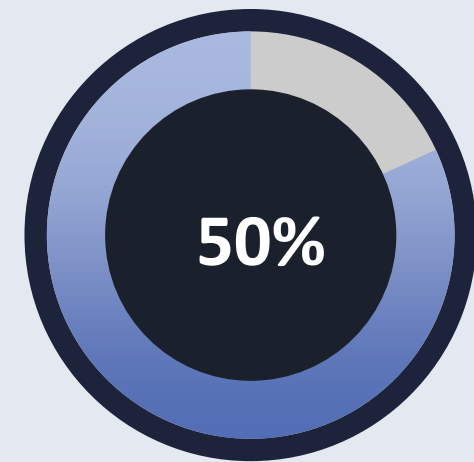
Average Accuracy for declaration classification, extraction and Straight Through Processing.



**Classification
Confidence**



**Data Extraction
Confidence**



**Straight Through
Processing**

RPA Audit Metrics

Metric	Manual	Robot
Increase Audit Findings (Discrepancies)	4%	20% by 2024 80% by 2026
Increase Audit Coverage	1000 Declarations (per month per auditor)	> 2000 Declarations (per month per auditor)
Improve Extraction Accuracy	-	> 80%
Reduce Audit Cycle Time (speed)	9 minutes	1 minutes

RPA Audit Metrics

Robot



Auditor Time Taken Per Declaration is 1 Min



Manual work is completed by Robots



Robots Available 24x7 to Perform Audit



25K Declaration Per month with 5 Robot



Manual Work



Auditor Time Taken Per Declaration is 9 Min



Auditors to perform manual work



Audits Performed During Office hours



25K Declaration Per month with 40 Auditors

Thank You



BADER ALKHAROOSI
Senior Manager Solution Delivery
Dubai Customs, Government of Dubai, United Arab Emirates