DATAMATICS

**INTELLIGENT
DATA CAPTURE**

DATAMATICS
TruCap⁺

Organizations across industries still use paper as a major source of data input. Therefore they require an army of employees for manual data entry, making document processing a cumbersome, time-consuming and costly affair. It is here that digitization of paper-work steps in. In fact, digitization is the stepping stone to your Digital Transformation journey.

Datamatics TruCap⁺ automates data capture in a template free mode and delivers output with over 99% accuracy. It is powered by proprietary Artificial Intelligence (AI)/Machine Learning (ML) algorithms and fuzzy logic. This enables it to read unstructured documents, continuously auto-learn and provide over 99% accurate outputs. With over 90% of the data received by businesses being in unstructured form, Datamatics TruCap⁺ is the ideal solution to start and scale your digital transformation journey.

HIGHLIGHTS

AI/ML
powered

99%
accuracy guaranteed

Template free
data capture

Works best with Datamatics TruBot, **integrates** with any other RPA product, teams up well with all downstream systems

38 pre-processing & 30 post-processing functions for **quality output**

300+ Million
documents processed

Customers across **all verticals**

FEATURES

Data extraction from unstructured documents
Enables context-specific and intelligent data capture from various sources without creating any templates

Automated document classification
Identifies every incoming document based on content type, auto-classifies, and tags for quick storage and faster access

Multi-channel data processing
Processes data from multiple sources including hard copies and digital data channels; e.g. scanners, FTP, emails, social media posts, hot folders, etc.

High accuracy
Facilitates 99% character-level accuracy, reduces errors and improves straight through passes (STP)
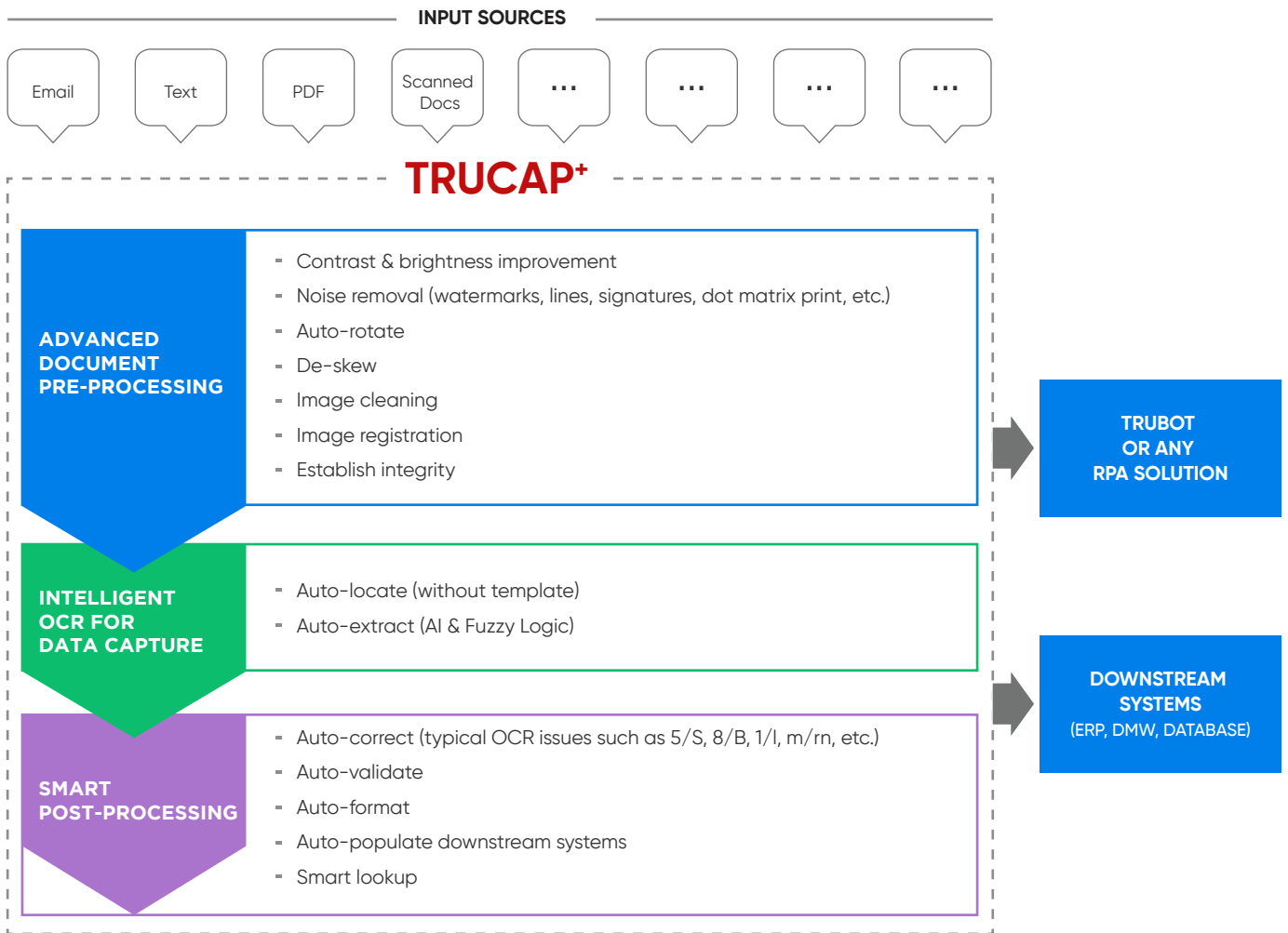
Data validation
Auto-verifies and validates data by using business rules and AI/ML algorithms

Auto-learning
Continuously learns using AI/ML algorithms and inputs provided by users

PROCESS ARCHITECTURE

INPUT SOURCES

Email | Text | PDF | Scanned Docs | ... | ... | ... | ...

TRUCAP⁺

ADVANCED DOCUMENT PRE-PROCESSING

- Contrast & brightness improvement
- Noise removal (watermarks, lines, signatures, dot matrix print, etc.)
- Auto-rotate
- De-skew
- Image cleaning
- Image registration
- Establish integrity

INTELLIGENT OCR FOR DATA CAPTURE

- Auto-locate (without template)
- Auto-extract (AI & Fuzzy Logic)

SMART POST-PROCESSING

- Auto-correct (typical OCR issues such as 5/S, 8/B, 1/l, m/rn, etc.)
- Auto-validate
- Auto-format
- Auto-populate downstream systems
- Smart lookup

TRUBOT OR ANY RPA SOLUTION

DOWNSTREAM SYSTEMS (ERP, DMW, DATABASE)

"Datamatics TruCap⁺ can process all types of documents by understanding the underlying context leveraging its proprietary machine learning capabilities. Clients are highly satisfied with the product support, integration with RPA and other critical systems, and the flexibility to adapt to their business requirements."

Source : Intelligent Document Processing (IDP) products PEAK Matrix™ Assessment 2019

"Datamatics also has capabilities around intelligent OCR solutions with its TruCap⁺ offerings that come with built-in capabilities to digitalize unstructured documents using both third-party AI APIs and Datamatics' proprietary APIs."

Source : Robotic Process Automation Vendor Assessment 2018 for Asia/Pacific

KEY AWARDS & RECOGNITIONS

Gold Stevie Award at the American Business Awards® 2019 for TruBot

TruBot recognized in the IBS Intelligence Global FinTech Innovation Awards 2019

Rail Analysis India Award 2020 & 2019 for Automated Fare Collection technology

2019 IBM Asia Pacific excellence Award

TruBot wins the CIO Choice 2019 Recognition for Robotic Process Automation

Datamatics features in the IAOP 2019 Global Outsourcing 100 List of the world's best outsourcing providers

ABOUT DATAMATICS

Datamatics provides intelligent solutions for data-driven businesses to increase productivity and enhance the customer experience. With a complete digital approach, Datamatics portfolio spans across Information Technology Services, Business Process Management, Engineering Services and Big Data & Analytics all powered by Artificial Intelligence. It has established products in Robotic Process Automation, Intelligent Document Processing, Business Intelligence and Automated Fare Collection. Datamatics services global customers across Banking, Financial Services, Insurance, Healthcare, Manufacturing, International Organizations, and Media & Publishing. The Company has presence across 4 continents with major delivery centers in the USA, India, and Philippines. To know more about Datamatics, visit www.datamatics.com

FOLLOW US ON

website: datamatics.com | email: business@datamatics.com

062020

USA | UK | UAE | India | Philippines