DATAMATICS

IDP SOLUTION

TRUCAP
DOCUMI

Artificial Intelligence-po

Organizations across all vertical industries continue to use documents as a major source of data input. These documents have unstructured data and require knowledge workers for manual data entry, exception management and quality checks, making document processing a cumbersome, time-consuming and costly proposition.

It is here that Intelligent Document Processing or IDP steps in. Users can get up and running faster with our Template-Free approach. Our AI-enabled IDP solution can be deployed in the cloud so no need to worry about setting up underlying infrastructure; easy-to-use Configurator, browser-based access, an intuitive GUI all add up to deliver a compelling user experience (UX) to business users. Continuous learning & improvement based on AI/ML algorithms and user inputs, and other cognitive capabilities deliver a greater percentage of straight-through processing (STP) with a higher accuracy. Quite clearly, **Datamatics TruCap+ IDP** is an ideal solution for your document processing and automation requirements.

TRUCAP⁺ IDP SOLUTION - KEY DIFFERENTIATORS

Get up and running faster with our Unique, Template-Free and Data Location-agnostic approach

Our template-free approach reduces set up time by 30% -70% and delivers faster time-to-automation. No need to create and maintain multitudes of document templates that escalate total cost of ownership (TCO) and increase time-to-value. Gain seamless access to free-text/unstructured document images/scanned documents from Cloud and on-premise databases to improve operational efficiency.

AI-enabled document capture and processing for a greater degree of automation & accuracy

Pre-built AI/ML capabilities and business rules enable automated verification and validation of data. Continuous learning & improvement based on AI/ML algorithms and user inputs. Cognitive capabilities deliver a greater percentage of straight-through processing (STP) with a higher accuracy, thereby reducing manual effort and saving time. TruCap+ supports multiple OCR engines.

AI-driven document splitting and classification

Extract, classify and split documents from case files and other bulk portfolios in a logical approach for indexed storage and faster access.

Multi-tenant and Multi-project flexible approach for operational efficiency

Leverage TruCap+ IDP as a SaaS solution in the Cloud as per your business requirements. Ensure Native Cloud infrastructure flexibility and scalability for addressing increasing workloads through a multi-tenant and multi-project automation environment.

Tailor made for Business User persona

TruCap+ with its easy-to-use Configurator and an intuitive UX enables business users to quickly achieve document automation. It provides browser-based access and an intuitive GUI that ensures faster document processing. Managers gain project visibility and enterprise-grade auditability. Developers benefit from the in-built studio for AI/ML model training and baselining.

Seamless integration with Intelligent Automation platforms towards end-to-end automation
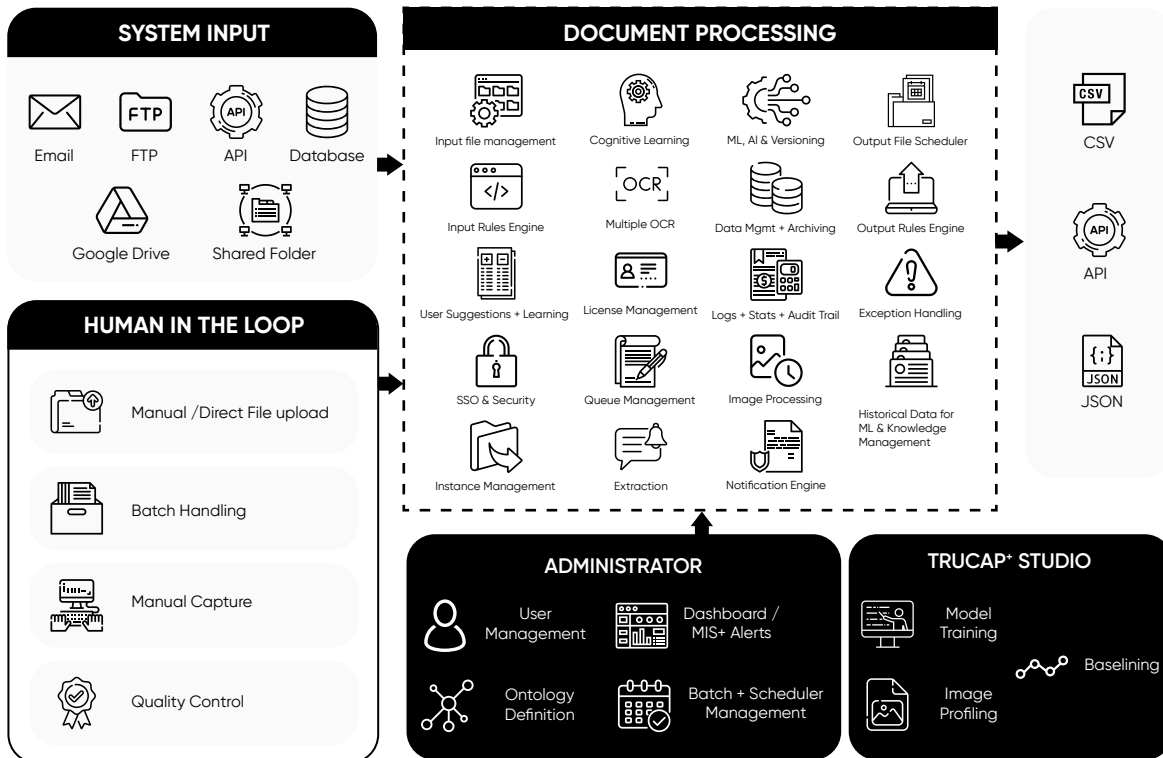
TruCap+ easily integrates with leading RPA products, downstream automation systems, and your core applications such as ERPs, financial systems, and more. It helps achieve end-to-end automation by ingesting unstructured data from documents and its conversion to structured data using RPA and IDP in combination.

Flexible, tiered pricing based on page volume

Flexible pricing models provide a range of options to choose from depending on business requirements, be it thousands or millions of documents. Datamatics' transparent pricing structure ensures business value and offers the options to add-on greater page volume(s), if the need arises.

TRUCAP⁺ DATAMATICS IDP SOLUTION ARCHITECTURE

SYSTEM INPUT
- Email
- FTP
- API
- Database
- Google Drive
- Shared Folder

HUMAN IN THE LOOP
- Manual /Direct File upload
- Batch Handling
- Manual Capture
- Quality Control

DOCUMENT PROCESSING
- Input file management
- Cognitive Learning
- ML, AI & Versioning
- Output File Scheduler
- Input Rules Engine
- Multiple OCR
- Data Mgmt + Archiving
- Output Rules Engine
- User Suggestions + Learning
- License Management
- Logs + Stats + Audit Trail
- Exception Handling
- SSO & Security
- Queue Management
- Image Processing
- Historical Data for ML & Knowledge Management
- Instance Management
- Extraction
- Notification Engine

- CSV
- API
- JSON

ADMINISTRATOR
- User Management
- Dashboard / MIS+ Alerts
- Ontology Definition
- Batch + Scheduler Management

TRUCAP⁺ STUDIO
- Model Training
- Baselining
- Image Profiling

TRUCAP+ INTELLIGENT DOCUMENT PROCESSING – MOST IMPORTANT USE CASES

TruCap+ IDP enables enterprises to use the potential of idle unstructured data and integrate its extracted and structured form with core enterprise systems. It automates simple to complex use cases and drives end-to-end automation. For example:

Semi-structured document led automation:
Ingest semi-structured data from application forms, health claims, purchase orders, invoices, etc., and use it for further processing as a part of any complex automation use case.

Unstructured document led automation:
Ingest unstructured data from contracts, Financial statements, medical records, scanned document images, pictures, etc., convert it to structured format, and feed into downstream applications.

Multi-channel integration for AI/ML research engines:
Ingest data from Excel spreadsheets, email, text, video, live images, and special file types, such as social media clips, to fuel fraud detection engines, anti-money laundering solutions, AI/ML-powered research engines, etc.

SCALE HORIZONTALLY WITH AI/ML CAPABILITY

AI/ML exponentially scales up the enterprise automation capability, thereby horizontally scaling up the enterprise innovation potential. Enterprises achieve tremendous throughput by augmenting TruCap+ IDP with Datamatics native AI/ML capabilities, such as:

DATAMATICS Tru AI TEXT
- Sentiments / Emotions
- Key Phrase Chunking
- Classification/Clustering
- Neural Information Retrieval
- Semantic Search

DATAMATICS Tru AI PATTERN
- Association
- Relationships
- Predictions
- Pattern Detection
- Anomaly Detection

DATAMATICS Tru AI VISION
- Image Classification
- Object Detection
- Anomaly Detection
- face

ABOUT DATAMATICS

Datamatics is a Digital Operations, Technologies and Experiences company that enables enterprises to go Deep in Digital to boost their productivity, customer experience and competitive advantage. It has established products in Robotic Process Automation, Intelligent Document Processing, Business Intelligence and Automated Fare Collection.

Datamatics does business with global customers across Banking, Financial Services, Insurance, Healthcare, Manufacturing, International Organizations, and Media and 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

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