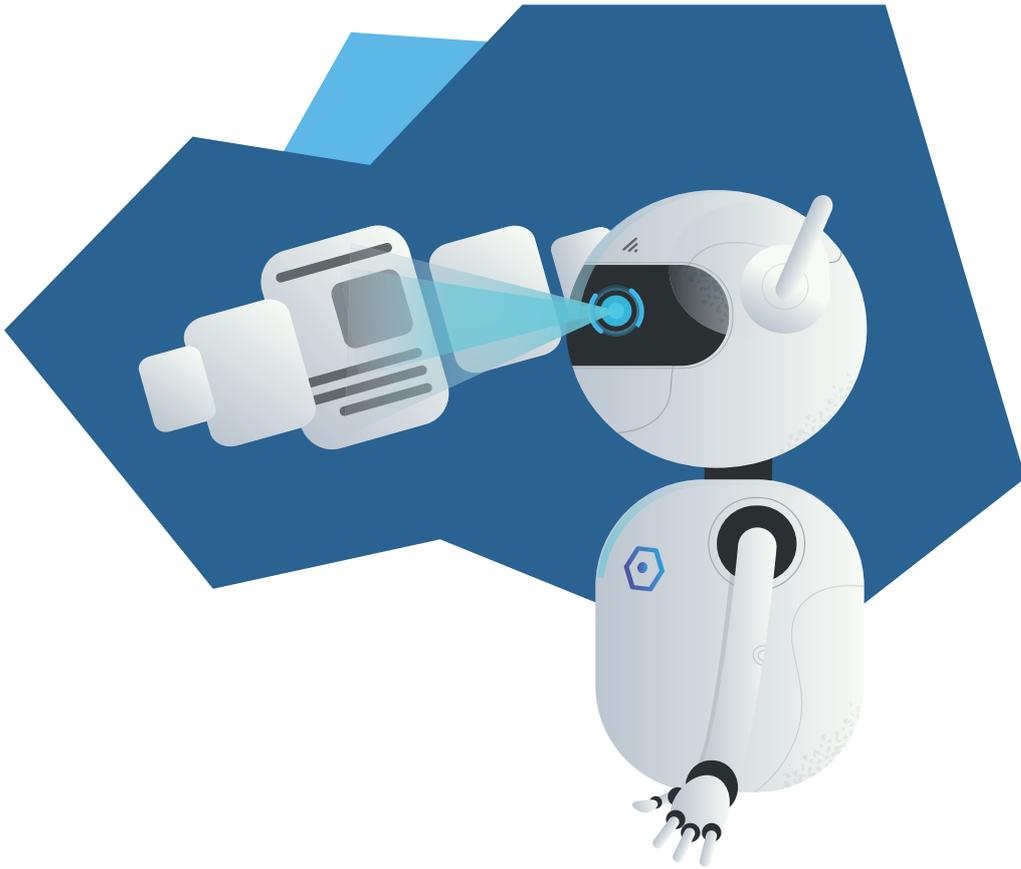# UST SmartOps™

Your Business, Reimagined.

UST SmartVision™ combines AI & cognitive automation to intelligently extract and digitize unstructured data from images and PDFs to actionable insights, significantly reducing the time to process.

Gone are the days when companies could deal with "simplified document management" practices and systems. Running at today's fast pace, means companies need to minimize the most time consuming tasks to increase human productivity. Extracting data from unstructured documents like PDFs, emails, or Microsoft Excel that originates from disparate sources and comes in various formats is one of those tasks ripe for automation.

UST SmartOps saves you time and money by going paperless with quick, automated data capture, delivering data the way you want it.

THE CHALLENGE

Forever the case until NOW, document processing and information extraction are highly manual tasks that could drain completion time, especially when dealing with millions of transactions per year. You are likely faced with slow processing and turnaround times, fatigued employees succumbing to its repetitive nature, high error rates, high costs for quality check, and possibly compliance issues. We are all in search of smarter ways to work, achieving more with the same number of (or fewer) employees, and meeting employee and customer demands for a better experience. On a daily basis, most companies incur delays and operational complexities as they tackle this end-to-end process, and then more variability with seasonal spikes.

INDUSTRY FACTS

- 68% believed that business-at-the-speed-of-paper would be unacceptable in a few years

- 46% stated that removal of paper has been the biggest single productivity improvement for most of their business processes

- Anything over 1% error rate is considered to be of grave concern, which is almost never realistic

- Average cost of quality check is between $1- $10 to ensure correctness of extracted data

OUR SOLUTION

UST SmartVision™ transforms disparate data into valuable knowledge using a combination of Computer Vision, AI and ML techniques.

We easily mine structured and unstructured data formats. UST SmartVision's deep learning approach replicates the care and attention of a human, while operating consistently all day long. UST SmartVision™ enables companies to easily extract structured and unstructured knowledge from an unlimited number of documents, in any format, and instantly human productivity tenfold.

LEARN
Examine the various formats and types of documents, and learn to extract key information

ACT
Integrate multiple data sources and autonomously perform process flows

OPTIMIZE
Improve your business outcomes by continuously adapting to new information

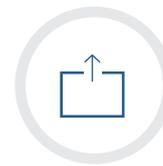## PROCESS FASTER, OPERATE SMARTER, AND DRIVE HIGHER IMPACT

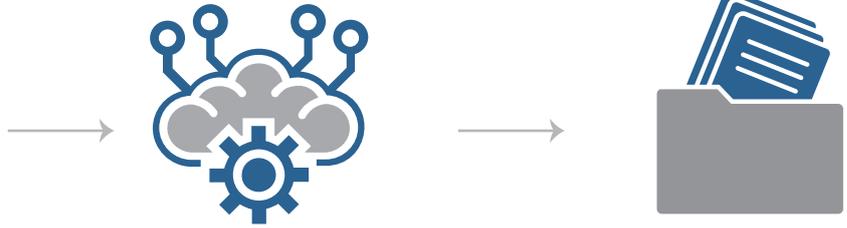**Intake** files ▶ **Classify** documents ▶ **Extract** data ▶ **Validate** info ▶ **Export** to systems ▶ **Automate** process

FORM DIGITIZATION

- Supports multiple document formats
- Identify the type of forms in scope
- Train model by providing sample documents
- Mark fields of interest in each form

- Generates digital metadata of the form
- Builds a Machine Learning model

- Image corrections and adjustments
- Document classification
- Identify and extract fields

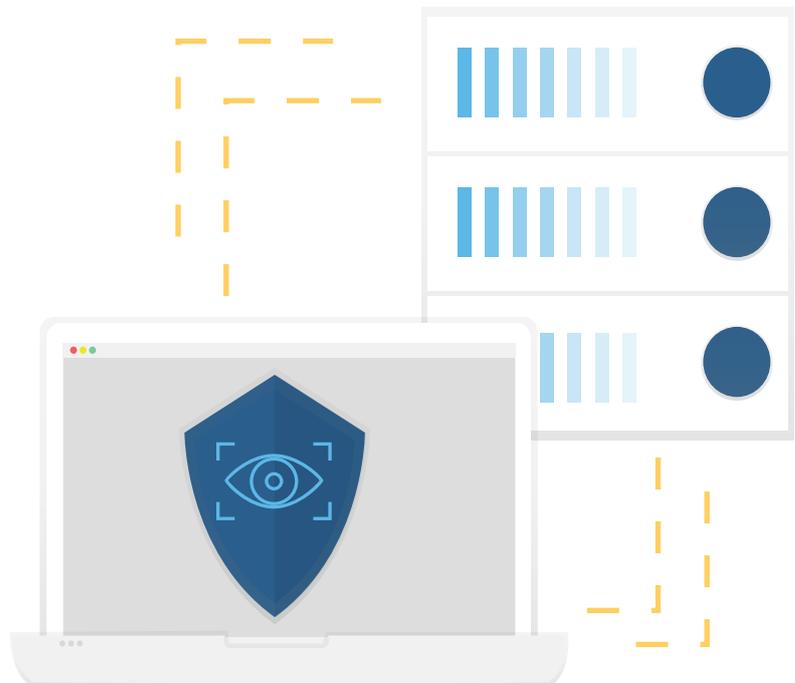# BENEFITS

10x faster
template agnostic
data extraction

End-to-End automation
with minimal
human intervention

Scalability
to handle large volumes
and document types

CASE STUDY

Business Issue
Customer had a high volume of printed forms, requiring manual search for information. They wanted to reduce the effort and time in getting the right information from the forms.

UST SmartOps Solution Using SmartVision Capabilities

- Scan the printed forms

- Intelligent Computer Vision used to identify the fields from the scanned forms, extract information, and store the data in a structured format which could be queried later

Benefits

- Eliminates the tedious process of searching data one file at a time

- Reduces the information gathering time by 80%

- Scales

USE CASES

RETAIL - Leverage best in class computer vision and NLP capabilities to extract data from retail documents such as Bill of Lading, Packing List, Invoices, Purchase Orders and more.

LOGISTICS – Rely on multiple shipping documents like Bill of Lading [BOL], Airway Bill [AWB], Manifest Documents with ease.

HEALTHCARE - Build knowledge bases where vendor invoices or benefit plan documents are conveyed in various formats such as structural, tabular, visual, and textual. Using intelligent process compression, extraction tools, UST SmartOps handles data validation and exception handling.

BFSI – Automate the end-to-end process of customer onboarding from creating the profile to Loan Application and Modification, Customer Servicing, Fraud Detection, Account Cleansing, Managing KYC and AML Compliance, and Processing Credit Card orders.

INSURANCE - Intelligently extract data from both structured forms like ACORD forms or from unstructured formats such as certificate of formation documents, PDFs, etc.

Get Started with SmartVision

TIMELINE →

In 10 Weeks You Get:

- A blueprint for optimizing your business processes

- Real savings

PAY FORWARD COMMERCIAL MODEL →

You won't pay more than you save. The reimagined business processes yield early payback, reducing your in-year investment to zero.

ON PREMISE & CLOUD READY

We adapt to your infrastructure with fully containerized and scalable deployment.

Why UST Global?

- Leading digital transformation company with a team of architects and 500+ experts experienced in RPA, AI & ML that unlock the power of your data

- Serving the largest companies in the world with experience across CoEs and Innovations Labs for HR, IT, Finance/Accounting, and RPA

- Saving millions of dollars for customers in Financial Services, Healthcare, Insurance, Retail, Supply Chain, Manufacturing, Technology, and more

- Strategic partnerships with top research institutions like Stanford's AI Labs (SAIL) and MIT's Computer Science and AI Labs (CSAIL) to keep you at the forefront of cutting-edge

- Commitment from our leadership top to bottom that you realize a tangible ROI--never investing more than you save

- Offering end-to-end capabilities and process optimization to significantly automate your daily manual, costly tasks

- Built with your business manager's success in mind, UST SmartOps is customized to your operations, seamlessly integrated to your systems, with intelligent execution that enables your managers to focus on the next step of higher value impact

- 25,000+ Attentive professionals dedicated to you, in 25 offices around the world

- 24/5/365 customer care for your business and IT manager

UST SmartOps™
Your Business, Reimagined.

Email SMARTOPS@ust-global.com to learn how UST SmartOps™ could advance your business.