ABBYY

USE CASES

Intelligent Document Processing in Transportation & Logistics

ABBYY

Use Cases

- Customs security & clearance
- Hazardous cargo transportation
- Duty & tax payment
- Shipment tracking & tracing
- Warehouse & inventory management
- Order processing & delivery
- Fleet expense management
- Driver workflow & communication
- Freight audit & payment
- Proof of delivery
- Trade finance
- Contracts management

140+ hours of manual labor per month saved

with 92% touchless ordering

— **Carslberg Group**

50% faster turnaround

and $60,000 annual savings

— **AFS**

70% higher efficiency

in accounts payable

— **Deutsche Post DHL Group**

Pre-trained document skills with 90% accuracy out of the box

Transportation and logistics providers and supply chain leaders around the world trust ABBYY.

DHL · RHENUS LOGISTICS · CTSi · CLAY LACY · Carlsberg Group · MILAHA · AFS · EMR EAST MIDLANDS RAILWAY

Commercial Invoice	Packing List	Customs Entry
Air Waybill	International Consignment Note (CMR)	Customs Release
Sea Waybill	Customs Declaration (EU)	Packing Slip
Bill of Lading	Export Shipping Bill	Package Label
Certificate of Origin	Insurance Certificate	Shipping Label
Delivery Note	Proof of Delivery	ATA Carnet
Dangerous Goods Declaration	Inspection Report	TIR Carnet
Invoices	Expense Report	Customs Bond
Receipts	Vehicle Documentation	Contract
Purchase Orders	Daily Driver Log	Agreement
Arrival Notice	Manifest	Many more

Expedite freight forwarding, customs clearance, shipment tracking, and inventory management with ready-to-use document processing skills

ABBYY

In order to be able to cope with the recurring disruptions and be better prepared for the future, transportation and logistics and supply chain providers must take some fundamental steps to embrace long overdue digitization and automation of paper-driven processes. Legacy approaches to document processing involve only basic optical character recognition (OCR), data extraction, validation, and rules-based processing. Intelligent document processing holds much greater potential to improve cost and productivity efficiencies by employing **modern, AI-based document processing "skills"** to make the information that's trapped within business documents immediately accessible and actionable.

Intelligent document processing (IDP)

Unstructured Documents

IDP

Structured Data
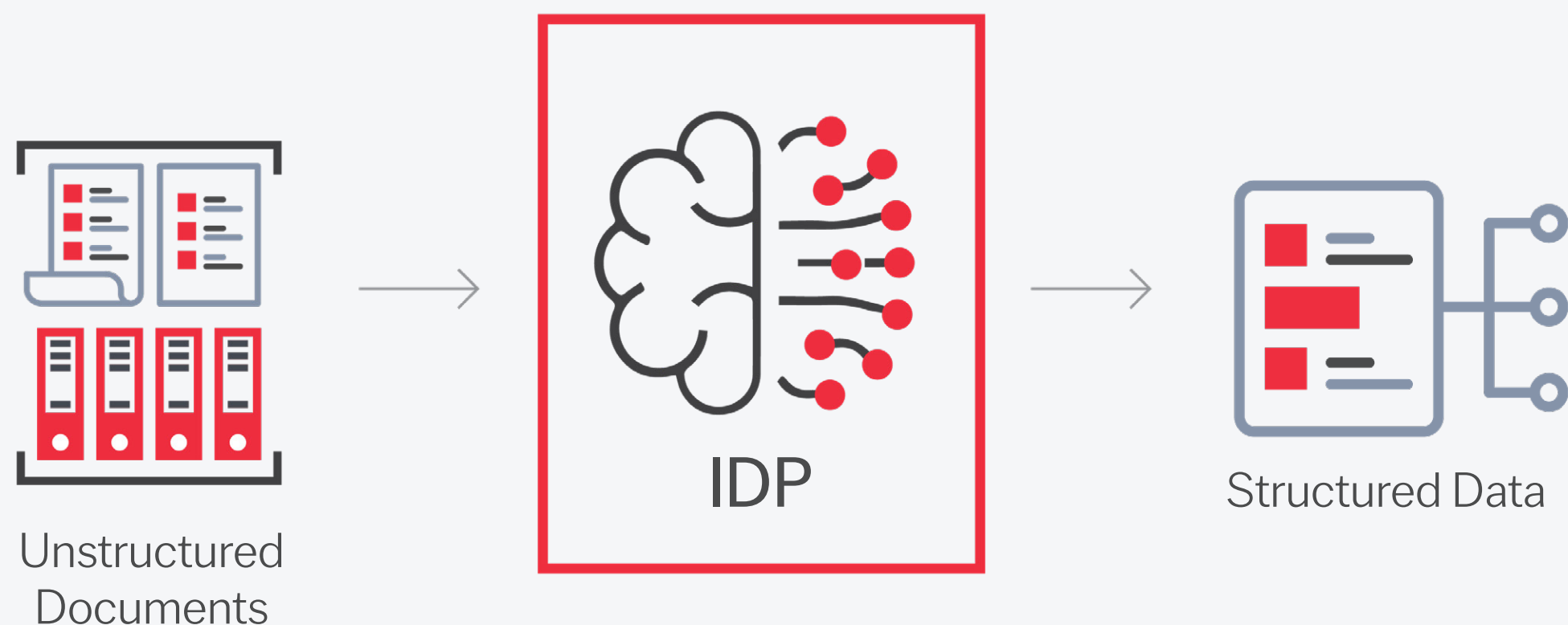
Delivering artificial intelligence (AI) based solutions is not new for ABBYY. We have over 30 years of experience processing tens of billions of pages for customers globally, addressing the real-world challenges of our customers with technology. Our AI and machine learning technologies are highly optimized—for documents, for text, for language, for extraction, for precision, and for consistency.

In 2019, ABBYY introduced the industry's first low-code / no-code intelligent document processing platform to make this technology available in a cloud-based, point-and-click approach to empower citizen developers to easily incorporate IDP into their highly manual or repetitive document-centric processes. ABBYY Vantage provides pre-trained document processing skills in an online marketplace that are ready to use within minutes. Using ABBYY pre-trained document skills, customers are able to start production tomorrow and achieve the highest level out-of-the-box accuracy without the need for OCR and machine learning expertise.

ONLY ABBYY:
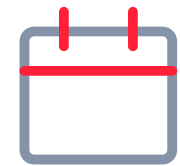
30 years using AI to process tens of billions of pages for customers globally

Named #1 in IDP by 10 analyst firms

Automates up to 95% of documents

99% accuracy

Pre-trained document skills to get started today

This ebook shares some examples of how transportation and logistics providers are using ABBYY IDP to discover new ways to increase process efficiency, ensure regulatory compliance, and keep operational costs down, while delivering the exceptional experiences that today's customers and businesses demand.

ABBYY

Streamline the documentation process for international shipments

→ Reliably extract data from shipping documentation to populate downstream systems such as transportation management, customs brokerage, etc., via API, connectors, or RPA

→ Automatically and accurately process and file time-critical data with stakeholders such as financial institutions and customs authorities

→ Increase control and visibility of document data to efficiently analyze for agile decision-making

→ Reduce errors and delay with automated classification and validation of data from line items on bills of lading, certificates of origin, commercial invoices, and more

70% efficiency gain

from standardization of global processes with ABBYY intelligent document processing

— **Deutsche Post DHL Group**

ABBYY

Process dangerous goods declarations accurately, every time

→ Eliminate costly delays and potentially fatal outcomes due to errors in the processing of dangerous goods declarations (DGD)

→ Use intelligent document processing to automate the processing of hazmat documentation, providing accessible data for matching against regulations

→ Ensure correct containers are used and customs clearance processes are friction-free

100

dangerous goods declarations processed per day with ABBYY IDP

— Global transport and logistics company

ABBYY

Expedite documentation handling from filing to release of goods at customs clearance

→ Ensure accurate declarations and compliance with regulatory requirements

→ Benefit from automatic, highly accurate data extraction from shipping documentation to prepare and file customs forms electronically

→ Validate data across various document types to uncover incorrect data and speed-up admission to customs

→ Reduce risk of customs delays and penalties

1.8 million

documents processed annually

— Rhenus Assets & Services GmbH & Co. KG

ABBYY

Simplify payment of customs duties, taxes, and fees

→ Automatically capture, classify, extract, and validate content from commercial invoices and customs forms

→ Avoid delays in cargo delivery due to slow or inaccurate payment of fees

→ Increase transparency and traceability of the payment process

64%

reduction in processing time

— Milaha

ABBYY

Eliminate error-prone and time-consuming manual data entry

→ Automate the processing of data from shipping documents to avoid delays and expedite package sorting and routing

→ Automatically extract information from packaging labels, bills of lading, and proof of delivery documents with a high degree of accuracy

→ Optimize operational cost by reducing manual labor requirements for data entry and sorting

→ Provide customers and stakeholders a better experience with accurate, real-time tracking and visibility of shipments

60% reduction

in supplier query response,
down from one week to two days

— Leading global digital infrastructure provider

ABBYY

Accurately track incoming and outgoing goods

→ Manage a high volume of receipts, packing lists, and inventory documents in a single stream

→ Automate extraction of important information from documents to reduce manual data entry errors

→ Get data into your warehouse management systems and processes sooner and more cost-effectively

90%

reduction in invoice processing time

— Sumimoto Warehouse

ABBYY

Digitally transform order and delivery to expedite the entire process

→ Automatically capture incoming orders and transfer data immediately into the order processing system

→ Integrate delivery note scanning to automate the entire registration process

→ Accelerate the delivery process and realize significant time savings while increasing customer satisfaction

140+ hours saved per month

92% touchless order processing

— **Carlsberg Group**

ABBYY
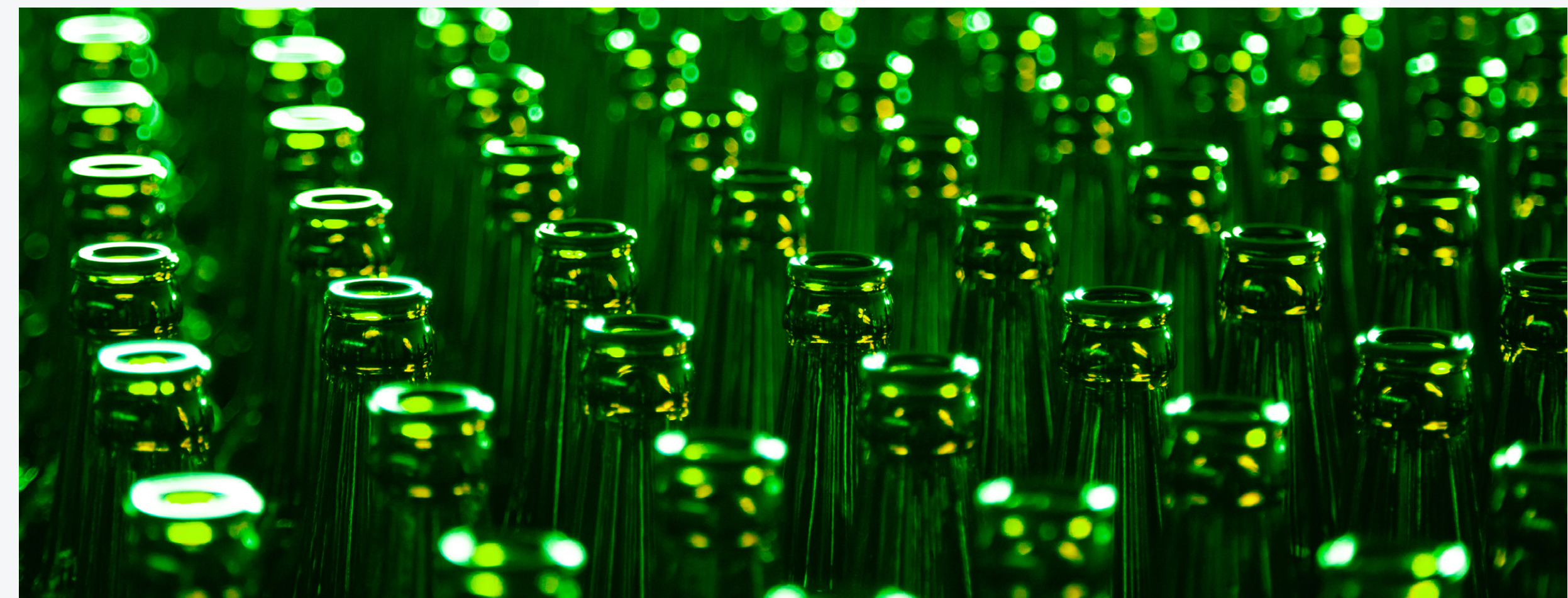
Rely on accurate data for freight audits

→ Use intelligent document processing to investigate invoices and other document data

→ Automated invoice verification and processing eliminates error-prone manual work

→ Avoid unjust costs by automatically matching invoices against contracts and tender data available in the TMS and ERP systems

→ Achieve higher cost control through transparency and accurate data available for analysis and predictions

$60,000 annual savings

from invoice process automation

— AFS

ABBYY

Process expenses immediately, as they occur

→ Automate the data extraction from invoices and receipts related to expenses incurred on the road

→ Significantly reduce the amount of manual interaction required to process expenses

→ Give fleet managers a better overview of cost trends and potential for savings

43%

of fleet decision makers share that at least one of their team members spends 1.5–2 hours on expense management.

— **TomTom**

13

ABBYY

Straight-through processing of invoices from vendors, carriers, and partners

→ Automate the extraction of invoice data, verify the accuracy of charges, and match them against contract terms

→ Reduce manual data entry processing and its associated costs and errors

→ Discover significant time savings and gain more process transparency

400,000 invoices processed

9 minutes saved per invoice

— **Costain Croup PLC**

Faster Time to Market for Carlsberg's World-Class Breweries with ABBYY

ABBYY

Carlsberg Group, one of the world's leading brewery groups, was looking for an intelligent solution for its order and delivery processes to accelerate time to market and customer satisfaction. Leveraging ABBYY's intelligent document processing (IDP) platform, the Carlsberg Group digitally transformed its order and delivery processes.

Challenge:

Carlsberg receives many orders through email. Previously, employees were checking and entering this order information manually into their system. The delivery registration process for the goods was also highly manual, with files being typed manually into SAP before the goods receipt document was generated and posted.

Solution:

ABBYY IDP technology was deployed globally in the order process, allowing Carlsberg to automatically capture incoming orders by mail and transfer the data immediately into the company's SAP system. This significantly reduced manual work.

By integrating ABBYY's IDP solution in the delivery note scanning process, the whole registration process is now performed automatically. The process of receiving and putting away received goods and reusing vendor labels has significantly accelerated and now enables Carlsberg to have a better overview of the entire delivery process.

Value:

Improved team productivity with

140+ hours saved per month
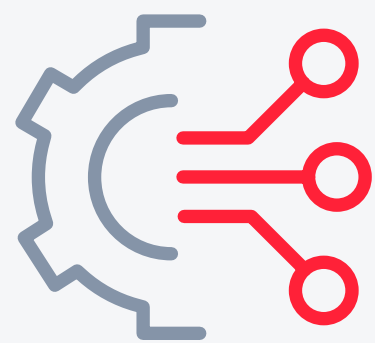
Intelligent automation with a touchless

order processing rate of **92%**

Accelerated customer deliveries, resulting in improved customer satisfaction

> " ABBYY has been instrumental to our execution excellence strategy and enabling us to digitally master our data and processes."
>
> **Kamil Kropaczewski,**
> **Business Owner at Carlsberg Group**

> " I think ABBYY really helps a corporation like DHL to **deliver services in times** where we need to minimize any kind of human interaction."

Timo Neff,
Team Lead—Automation Designers & Architects,
Deutsche Post DHL Group

Learn more by visiting
<u>ABBYY.COM</u>

ABBYY