Bravent SmartDoc

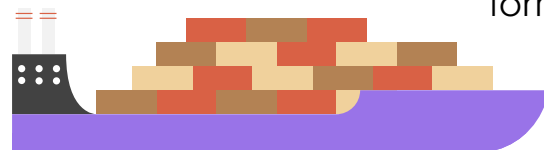Transform logistics documents into data automatically

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The tough effort of processing lots of documents each delivery

Freight forwarding and logistics documents contains crucial information to be stored: customs or tariff amounts, delivery notes for the goods, package loading... and all of this in different formats that can vary over time.

Nowadays, each document is scanned and the data is manually entered into the application, meaning a time-consuming process with associated costs.
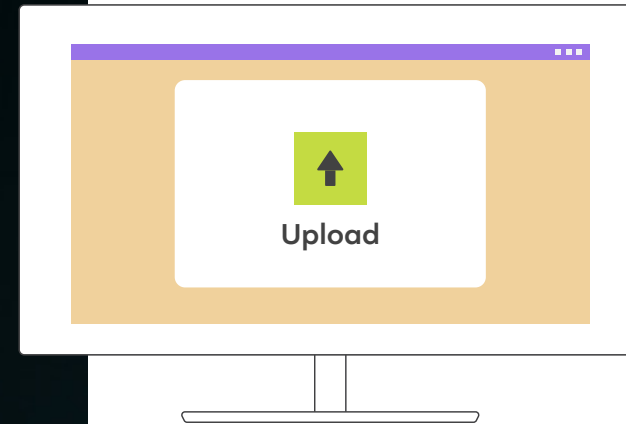
Using a traditional OCR system automates the information extraction until the moment the format/content varies: if format or content are updated, this solution crashes and you have to retrain the model.

A disruptive tool

Bravent SmartDoc **automates the process of reading documents,** extracting the information from the required fields and entering it into your current application automatically.

With Bravent SmartDoc, the user only has to photograph or upload an scanned document to extract the information from the required fields. This process is performed through artificial vision and generative artificial intelligence, allowing the application to scale to a large number of documents regardless of their format.

How does Bravent SmartDoc work?

01 Automatically reads a document and extracts the information corresponding to the required fields.

02 Stores the processed images and extracted data in a specific format for easy access to the information in an Azure Data Lake Storage.

03 Infrastructure on Azure that provides a secure integration of the flow and information.

04 OCR, Computer Vision and LLM techniques for the extraction of specific fields in the different documents.

05 Automatic flow that integrates the extracted fields into the final application based on Microsoft Power Automate.

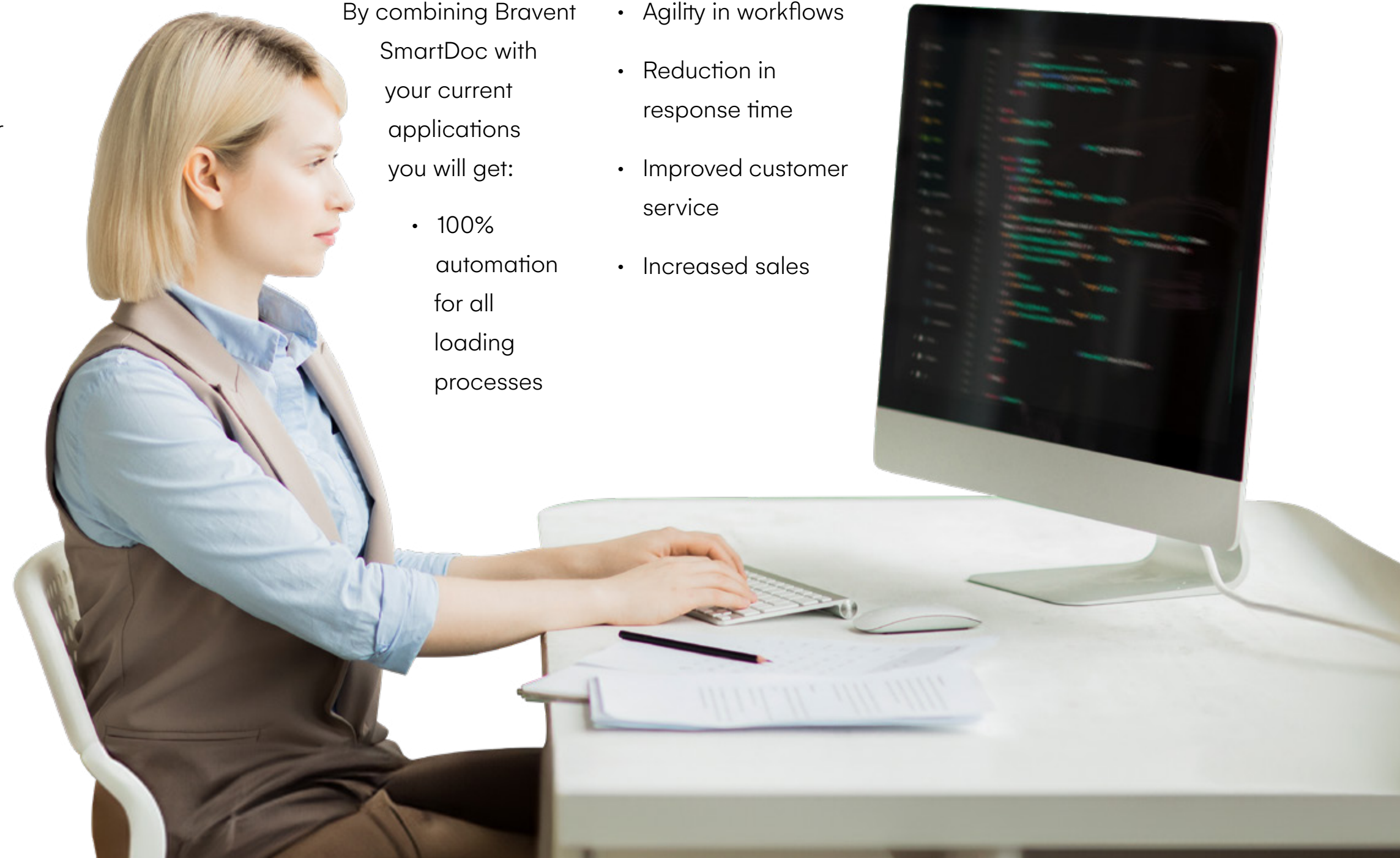**06** Simple report that allows the user to check the results of the service.

What makes Bravent SmartDoc unique?

Thanks to computer vision algorithms, document intelligence, combined with GPT, we are able to extract and understand what each field is, **with no need to retrain the model when the input document undergoes variations.**

Integrate Bravent SmartDoc with your charging system

Bravent SmartDoc integrates with the logistics applications you are already using in your company. Once the information is extracted from your documents, the flow is automated through Microsoft PowerAutomate, connecting the information with your legacy systems, even if they do not have APIs.

The most popular charging applications can be integrated with the solution:

cargowise   DESCARTES

Magaya®   SmartKargo

By combining Bravent SmartDoc with your current applications you will get:

- 100% automation for all loading processes

- Agility in workflows

- Reduction in response time

- Improved customer service

- Increased sales

Bravent SmartDoc benefits

99%

Accuracy of
extracted data

90%

Cost reduction
compared to
manual process

20%

Reduction of
human errors

Reduction of processing time per order

Bravent SmartDoc accelerates the information
extraction and data entry processes. The average
time to process an order is drastically reduced,
allowing companies to meet tighter deadlines, handle
a higher volume of orders and improve customer
satisfaction.

Reduced costs

Elimination of manual errors, process optimization
and minimization of paper usage by digitizing
documents.

Boost your delivery capacity with Bravent SmartDoc

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Book a demo

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