

# STREAMLINING GLOBAL DELIVERY NOTE PROCESSING FOR MULTI-FORMAT ITALIAN DELIVERY NOTES

## Extraction and Classification



### SCOPE

The project had an implementation deadline of 10 weeks to achieve the following:

- Automated processing of delivery notes using separation, classification, and data extraction technologies

### INDUSTRY

Conglomerate

### THEMES

Separation  
Extraction  
Classification

### CHALLENGE

A multinational conglomerate needed to modernise the handling of inbound delivery notes received from multiple regions, including Italy and other international markets. Documents were submitted through a “hotfolder” process and needed to be automatically captured, classified, separated, and prepared for ingestion into the company’s customer management system.

The primary challenge was the wide variation in delivery note formats, layouts, languages, and image quality. Documents from different suppliers and countries required sophisticated separation logic and extraction rules to ensure the right data was captured and grouped into complete document sets.

Manual handling of these inconsistently formatted files was slowing operations, increasing the risk of errors, and creating unnecessary effort for internal teams.

### SOLUTION

Aluma delivered an automated intelligent document processing solution in just 10 weeks, designed to ingest delivery notes directly from the hotfolder environment and apply advanced separation, classification, and data extraction workflows.

The solution was configured to recognise multiple delivery note models from Italy and global locations, applying dynamic logic to organise documents correctly before extracting key operational data.

A specialised database lookup capability was also introduced, enabling faster validation of extracted information and improving the user experience through cleaner, more reliable outputs. Image enhancement functionality further increased processing performance by improving document readability prior to extraction.

### BENEFITS



**FASTER DOCUMENT THROUGHPUT AND REDUCED MANUAL WORK**

Automation removed the need for time-consuming manual sorting and indexing, significantly accelerating the processing of inbound delivery notes.



**IMPROVED DATA ACCURACY ACROSS GLOBAL FORMATS**

The solution handled multiple layouts and regional document variations with greater consistency, reducing errors and improving confidence in downstream systems.



**BETTER USER EXPERIENCE AND OPERATIONAL EFFICIENCY**

Database lookup functionality and image quality enhancements improved usability, sped up validation tasks, and enabled smoother integration into the customer management system.