Qi – Document intelligence

Qargo Intelligence automates document data extraction, validating references, weights, times & addresses with AI-powered summaries & tags.

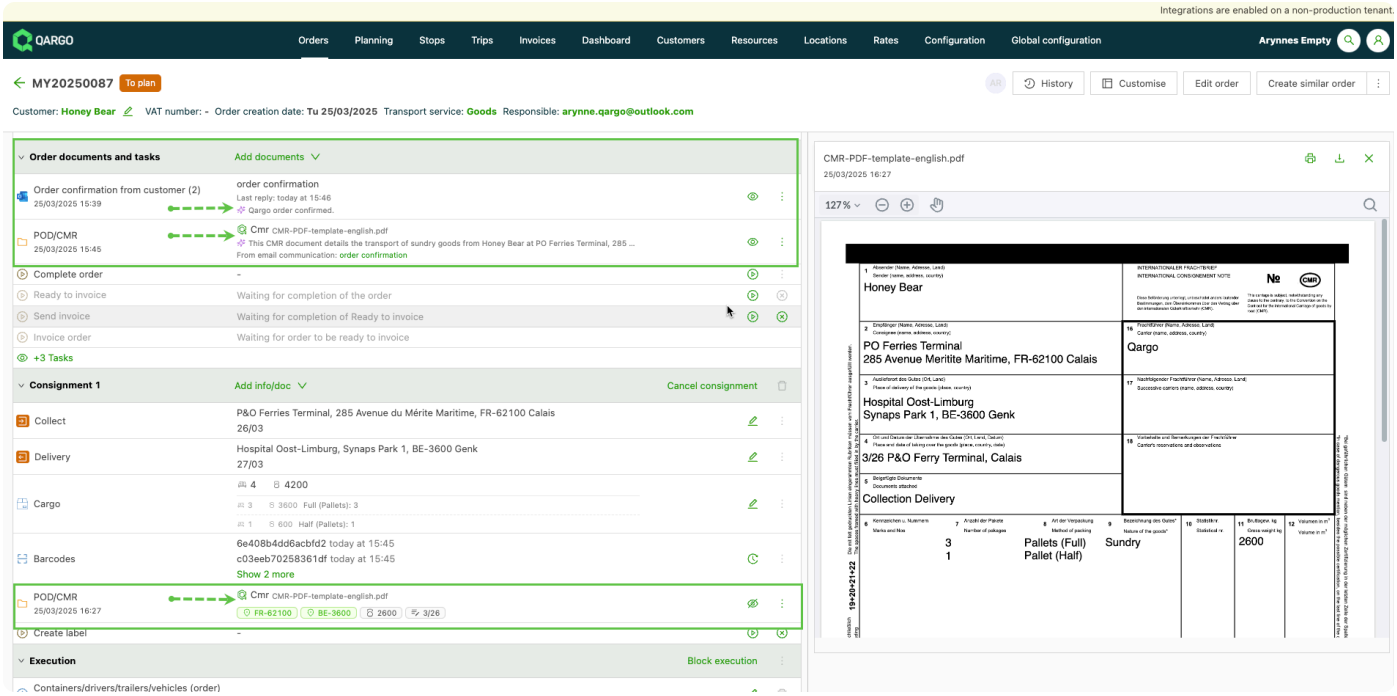
Updated September 30, 2025

Introduction:

Transport company operations generate a large volume of paperwork that often requires some form of manual interaction. For instance, editing arrival and departure times, weights or quantities on a CMR, or adding container or seal numbers to an order. Not only can this be time-consuming, but as with any manual process, there is the possibility of missing or incorrect data entry.
Qargo Intelligence goes a long way toward mitigating some of these issues. AI-generated summaries reduce the task of data entry. Only data validation is required, plus edits or updates if additional clarification is needed.

Key features

- AI-generated summaries based on documents that are uploaded to an order, including email attachments.
- Summaries are expandable by clicking into the row .
- The “Predicted” document type shows on the left side of the row, under the document type.
- Quality indicator: a color-coded Qargo icon indicates Good (Green) / Questionable (Orange).
- If the summary is not accurate, it can be deleted using the menu on the right side of the row.



Terminology

Term	Definition in Qargo / Qi context	Practical note for logistics / trucking users
Document intelligence	The capability by which Qi analyzes documents — scans, PDFs, photos — to extract structured data (fields, reference numbers, signatures)	In trucking, this means Qi can read a POD (proof of delivery), CMR, invoice, etc., and auto-fill or validate against system records.
Field extraction	The process of detecting and extracting specific data points (e.g., container ID, seal number, weight, reference) from documents	Qi reads these values and maps them into the correct fields in the order / load record.
Signature detection	The automated determination of whether a document includes a valid signature (and who signed)	Qi flags documents with or without signatures, helping finance and compliance teams speed up verification.
Document matching / linking	Associating an uploaded document (e.g., POD) with the correct order or load in the system	Avoids manual searches: Qi attempts to match based on reference numbers, dates and route info.
Quality control (RAG system)	A red / amber / green grading system Qi uses to flag document legibility or completeness issues	Green = all good, Amber = slight discrepancy or missing field, Red = major issue. Qi surfaces only the alerts for human review.
Alerts / flagging	Documents or extracted records that Qi identifies as needing human attention (e.g., mismatches, missing data, unreadable entries)	These are what planners, operations or finance review manually.
Signature / signatory metadata	Additional data Qi may detect about the signature (who signed, when, location)	Provides auditing and compliance traceability.
Alert workflow*		
(*based on customer workflow)	The internal process triggered when Qi flags a document as needing manual review, refraining from automatic processing	Ensures errors are caught before they have a financial or operational impact.

Document data extraction and validation

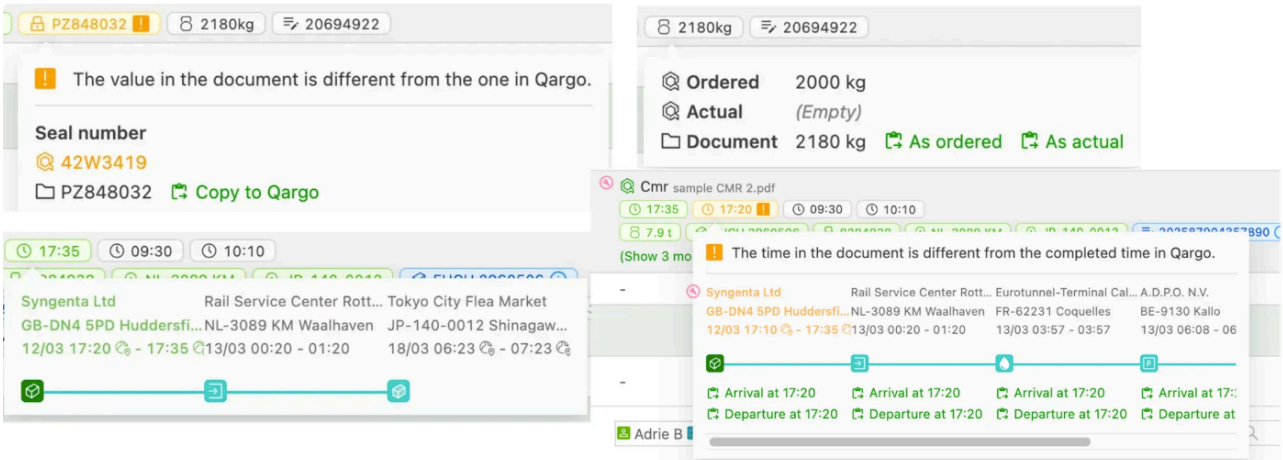
A powerful AI functionality when adding documents to orders.
Key features include:

1. **Automated data scanning & validation**
    1. AI scans uploaded documents for **references, weights, times, and addresses**.
    2. The extracted values are validated against the order information, identifying matches, conflicts and new data.
2. **Color-coded tags for quick identification**
    1. **Green**: Values match the order.
    2. **Orange**: Conflicting values detected.
    3. **Blue**: New values found that can be added to the order.

3. **Streamlined display with expandable tags**
    1. Tags with **no available actions** or a **green/orange status** are collapsed to reduce clutter.
    2. Click **"Show … more"** to reveal additional values as needed.



4. **Actionable data with popover details**
    1. Hovering over a value provides additional details and available actions:
        - **Amend a reference number** using the value from the document.
        - **Copy a weight** found on the document.
        - **Copy a time** as the arrival or departure time of a stop.
        - If a detected time is within **20 minutes** of a stop's scheduled time, a warning is displayed.



5. **Supported document types**
    1. This feature is enabled for the following documents:
        - CMRs/PODs
        - Proof of pickup
        - Container releases
        - Photos of containers
        - Photos of container seals

Managing order data has never been easier! Qi offers a smarter way to extract and validate document details, ensuring accuracy and efficiency in the workflow.