

The line stops when the paperwork does.

DocXtract reads bills of lading, supplier invoices, packing lists, GRNs and quality certificates from any carrier, supplier or plant format — validated and posted to your ERP, TMS or WMS without a template per counterparty.

No other sector generates document variance at this scale. Every carrier issues a different bill of lading, every supplier a different invoice layout, every plant a different goods receipt format. A typical logistics operation handles hundreds of thousands of documents daily; a manufacturer with a few thousand suppliers faces the same problem from the other direction — inbound paperwork that must be matched, checked and posted before material can be consumed or a payment released.

Template-based capture cannot keep up: each new carrier, supplier or plant format becomes a configuration project, so most deployments stall after the first few. DocXtract removes that ceiling — extraction is template-free, so a new counterparty works on first submission.

BUILT FOR

- Freight forwarders and 3PLs
- Customs brokers and trade compliance
- Plant procurement, stores and quality
- Shared-services AP and freight audit

15–30 min

Manual handling of one bill of lading or supplier invoice

<2 min

The same document with AI extraction

3-way

PO–GRN–invoice match run before posting, not after

98%+

Field-level extraction accuracy with DocXtract

Where the flow breaks

01 A format per carrier, per supplier, per plant

Ocean, air and road carriers each structure a bill of lading differently; suppliers invoice in their own layout, language and unit conventions; each plant runs its own GRN and gate-entry format. Every addition to the network is another template to build and maintain — until it is not worth doing, and the work returns to people.

03 Customs fields that stop a container

HS and HSN codes, incoterms, country of origin and consignee details must be exact. Classification is the most error-prone step in the chain, and the penalty is measured in demurrage and detention, not in rework hours.

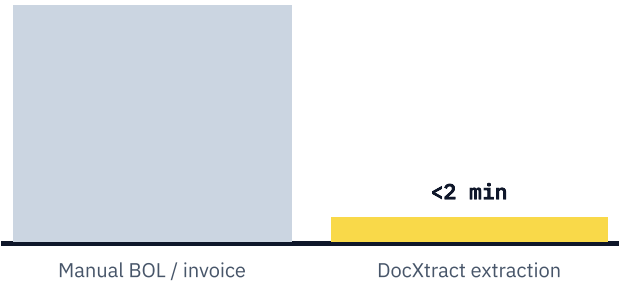
02 Three-way match done by eye

On the plant side, PO, goods receipt note and supplier invoice are reconciled manually, line by line, across thousands of SKUs. Quantity, rate and tax mismatches surface late — after posting, after payment, or during an audit months later when recovery is hardest.

04 Documents in every condition

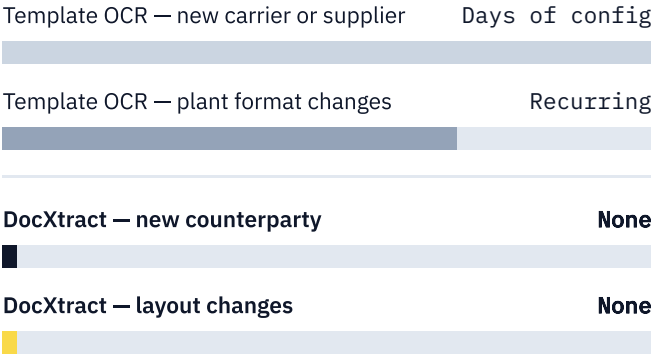
Photographed PODs, handwritten gate entries and weighbridge slips, dock-stamped delivery notes, faxed packing lists, hand-annotated inspection reports. Clean-scan OCR fails exactly where volume is highest — at the gate, the dock and the stores counter.

FIG. 1 — HANDLING TIME PER INBOUND DOCUMENT
15–30 min



Cycle times per iCustoms industry comparison, 2026.

FIG. 2 — COST OF ADDING A CARRIER, SUPPLIER OR PLANT



Template-free extraction means a new carrier, supplier or plant format works on first submission with no configuration.

Document coverage and validation

STAGE	DOCUMENTS EXTRACTED	BUILT-IN VALIDATION
Procurement	Purchase orders, order confirmations, supplier quotations, rate contracts, BOM references	Item, quantity and rate checks against the contract; vendor-master cross-reference
Transport	Bills of lading, air waybills, e-way bills, lorry receipts, delivery challans	Consignee and container detail matched to the shipment record; missing-field flags before submission
Customs & trade	Shipping bills, bills of entry, commercial invoices, certificates of origin	HS/HSN code and incoterm capture, value and origin consistency across the document set
Inbound & stores	Packing lists, goods receipt notes, gate entries and weighbridge slips	Three-way match across PO, GRN and invoice; short-supply, over-delivery and rejection flags
Quality & compliance	Inspection reports, material test certificates, calibration and COA documents	Specification-limit checks, batch and heat-number capture, certificate-to-consignment matching
Settlement	Supplier and freight invoices, demurrage notes, proof of delivery, debit notes	Line-item and tax totalling, duplicate-invoice detection, confidence scoring before posting

How it deploys

- Extract without templates.** Any carrier, supplier or plant format at up to 5,000 pages per hour.
- Validate before posting.** PO–GRN–invoice matching, duplicate detection and code checks run inside the platform, not after the entry hits the ERP.
- Post to the system of record.** Connectors for SAP, Oracle, Tally and Zoho, UiPath and Power Automate, REST API into TMS and WMS.

Start where variance is highest

The strongest pilot is not the cleanest document — it is the one your team dreads. Bills of lading across your full carrier mix, or supplier invoices prove the template-free claim in a way a single format never can.

- Touchless rate per document type
- Hours saved on format maintenance

NEXT STEP

Send your sample documents

Bills of lading, supplier invoices, in whatever state they arrive. We report field-level accuracy across formats and a projected touchless rate against your current process.

[Book a Demo](#)

SOURCES

1. iCustoms, "Bill of Lading Guide 2026 and AI Process Automation" — manual versus AI cycle times per document.
2. ABBYY, "6 AI Trends Reshaping Supply Chains in 2026", Supply & Demand Chain Executive — daily document volumes, tariff classification as the most error-prone step, IBM/TDWI \$600bn annual data-entry loss estimate.
3. TurboLens, "Bill of Lading OCR", April 2026 — cross-document discrepancy detection and audit readiness.
4. DocXtract product documentation and benchmarking, docxtract.io, 2026 — accuracy, throughput, connectors, deployment timelines.