

The last manual step in an automated enterprise.

Large Indian enterprises have modernised the ERP, the payments rail and the analytics layer. The document that starts most transactions is still read by a person.

- Three questions run through this report:
1. Where does document work actually sit?
 2. Which speed is your organisation running at?
 3. What do the fastest enterprises do differently?

01 – NOBODY OWNS THE TOTAL

Document handling in a large enterprise is not one process. It is five or six, each reporting into a different function, each with its own tooling decision, and none of them holding the total number. Finance knows its invoice backlog. Logistics knows its port delays. Nobody adds them up, which is why the aggregate cost rarely reaches a board pack and the same problem gets solved four times.

The pattern is consistent across sectors: the documents that arrive from outside the organisation are the ones still being handled by hand. Anything generated internally was digitised years ago.

FINANCE & SHARED SERVICES Supplier invoices, GRNs, debit notes, employee claims. The highest volume and the most visible cost, usually the first to be measured.	SUPPLY CHAIN & PLANTS Bills of lading, packing lists, gate entries, inspection reports. Highest format variance, and delay here costs demurrage rather than overtime.
CUSTOMER ONBOARDING Identity and income documents, entity papers, bank statements. Directly on the revenue path, where slow handling loses the customer.	CONTRACTS, HR & LEGAL Agreements, personnel files, vendor packs. Lowest volume, longest retention, and the least likely to have been inventoried at all.

02 – THREE SPEEDS

Digitised, not automated

Documents arrive electronically and are filed properly. Every field is still keyed by a person, and month-end is a sprint. The gain was captured in transmission, not in processing.

Automated at the top

The largest counterparties are configured and flow through cleanly. The long tail does not, and the exception queue has quietly become a team. Reported success is real but describes a minority of volume.

Re-engineered

Documents are read, validated and posted without a person in the path. Checks run at receipt. Humans see exceptions and judgment calls. This group is small, and it sets the benchmark everyone else is measured against.

A qualitative segmentation drawn from deployment patterns, not survey data. Most large Indian enterprises recognise themselves in the middle column.

03 — THE ARITHMETIC NOBODY DISPUTES

A manual document costs four to five times an automated one.

APQC benchmarking puts a manual invoice at \$10 to \$15 fully loaded, against under \$3 for a highly automated process, with 1 to 4% of manually keyed documents carrying an error. The same arithmetic holds for a bill of lading, a claim file or a KYC pack. Only the cost of the error changes.



Bars scaled against a \$15 axis. Global benchmark; the ratio, not the absolute figure, transfers to an Indian cost base.

04 — WHAT THE THIRD GROUP DOES DIFFERENTLY

DECISION	THE COMMON APPROACH	THE RE-ENGINEERED APPROACH
Scope	Start with the highest-volume, cleanest supplier or carrier	Start with the messiest segment, because that is where the residual cost is
Metric	Documents digitised, licences deployed, backlog cleared	Straight-through rate and cost per exception, measured per document type
Validation	Checks applied downstream, by reviewers, after posting	Identifiers, arithmetic and master-data matched at receipt, before anything is posted
Exceptions	A shared mailbox and the people who know which vendors are trouble	Confidence scored per field, with a threshold the business sets and can move
Ownership	An IT project with a finance sponsor and an annual review	An operations metric on the monthly pack, owned by the process, not the platform

05 — THREE FORCES MOVING THIS UP THE AGENDA

Cost scrutiny

Headcount-based processing scales linearly with volume. When volume grows and budgets do not, the per-document cost becomes the conversation, and it is the one number most functions cannot produce on request.

AI dependency

Every agentic use case in finance or operations begins by reading something a person wrote, stamped or photographed. The document layer is the one part of the AI stack an enterprise cannot buy its way past.

Tighter operating windows

A 30-day IRP reporting window, a 45-day payment deadline to micro and small suppliers, and DPDP obligations maturing through 2027 all assume documents move predictably. None of them allow for a queue.

06 — FIVE QUESTIONS THAT PLACE YOUR ORGANISATION

- ☐ Can you state the cost of processing one document, by type, without building a model first?
- ☐ Do you know what share completes end to end with nobody touching it?
- ☐ When a new supplier, carrier or hospital joins, does anyone have to configure anything?
- ☐ Are checks run before posting, or reconciled afterwards at month end?

☐ If an auditor asked why a field held a value, could you show the source page and the reviewer?

Fewer than four yeses places you in the first or second group. The first move is not a platform decision; it is measuring the process honestly.

07 – THE OUTLOOK

Nothing in the next two years reduces the number of documents entering a large Indian enterprise, or the number of counterparties sending them. Volume and variance both increase with growth.

What changes is tolerance. A process that depends on people reading documents will keep working, and will keep costing four to five times what it should, in a period when every other layer of the enterprise is being measured on throughput.

Where DocXtract fits

A no-code, AI-powered IDP platform aimed at the constraint above: context-aware extraction with no templates and no training, validation of tax identifiers, duplicates and vendor-master references before data reaches the ERP, and connectors for SAP, Oracle, Tally, Zoho, UiPath and Power Automate.

- 98%+ accuracy, any document format
- 5,000 pages/hour, real-time JSON
- ₹1.5 per page, live in days

NEXT STEP

Answer question one with real numbers.

Send a sample of the document type , in whatever state it arrives along with the required fields. We will report field-level accuracy and a projected straight-through rate against your current process.

Book a Demo

SOURCES

1. APQC invoice-processing benchmarks, as cited in DocXtract, "5 Signs Your Accounts Payable Process Is Costing More Than It Should", docxtract.io/blog/ap-process-cost, June 2026 — \$10 to \$15 per document manual, under \$3 highly automated, \$12 as a conservative planning figure, 1 to 4% error rate on manual entry.

2. GST e-invoicing reporting requirement — from 1 April 2025, businesses with aggregate turnover above ₹10 crore must report invoices to the Invoice Registration Portal within 30 days of issue.

3. Income Tax Act Section 43B(h), inserted by Finance Act 2023 and effective 1 April 2024 — deduction deferred where payment to a Udyam-registered micro or small supplier exceeds the Section 15 MSMED Act timeline of 45 days with a written agreement, 15 without.

4. Digital Personal Data Protection Rules, 2025, notified by MeitY in November 2025 — phased implementation, with full substantive compliance due 13 May 2027.

5. DocXtract product documentation and pricing, docxtract.io, 2026.

The three-speed segmentation, the function view in section 01 and the comparison in section 04 are a qualitative view drawn from deployment patterns, not survey data. Cost benchmarks are global; no comparable independently audited India-specific cost benchmark is published, so rupee equivalents are deliberately not stated. Statutory dates are current as at August 2026.