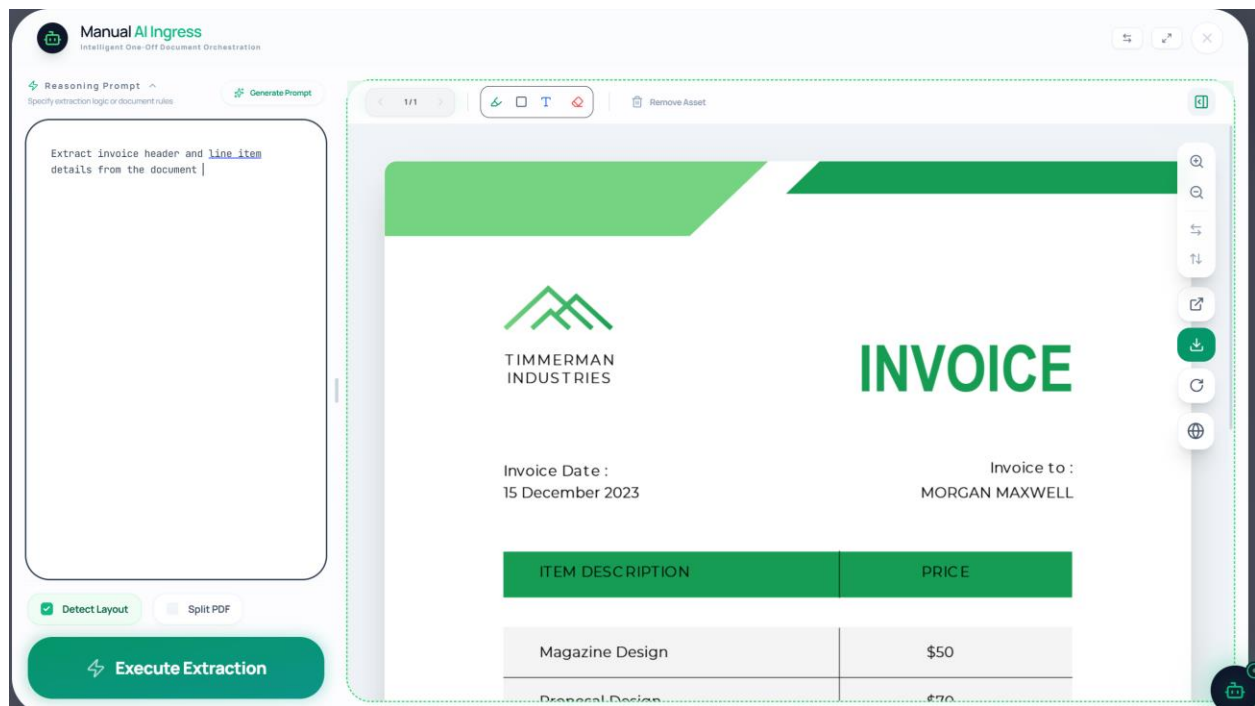


BLOG POST — WEEK 2 OF 5

How GenAI Makes Invoice Extraction a Non-Technical Task

What if your AP team could configure invoice extraction with a plain-English sentence instead of a support ticket? That's not the future — it's already shipping.

Category: GenAI / Product Feature | **Audience:** AP Managers, Operations Teams | **Read time:** ~5 min



The configuration problem nobody warned you about

You've invested in OCR technology. You've onboarded your vendors. For the first few months, extraction rates look reasonable. Then a supplier updates their template, a new vendor joins with a non-standard layout, and suddenly you're back in a queue waiting for IT to retrain the model. Every change requires a technical expert. Every update risks breaking something else. The AP team knows exactly what needs to change — they just don't have the keys to change it.

Large language models change this dynamic completely.

What prompt-based extraction actually means

In a traditional OCR system, you train the model by showing it where fields live on the page. Change the layout and the learning breaks. With a prompt-based AI system, you describe what you want in plain English — the same way you'd brief a smart new team member:

Example extraction prompt

Extract the invoice number, invoice date, vendor name, purchase order number, total amount excluding tax, total tax amount, and all line items with their descriptions, quantities, unit prices, and GL category. If the vendor address spans multiple lines, capture it as a single field.

The AI reads the document, understands the intent, and extracts accordingly — regardless of layout. If a vendor switches formats next month, the same prompt still works.

The per-vendor fine-tuning loop

Where it gets genuinely powerful is in the learning loop. OneVue Invoice lets users create and save prompts per vendor. The first time you process a new supplier's invoice, you write or refine a prompt. You review the results. If something is off, you adjust in natural language and re-run. That refined prompt is saved and applied automatically to every future invoice from that vendor. Over time, your straight-through processing rate — invoices that go from arrival to ERP without any human intervention — climbs steadily.

What straight-through processing actually means

A straight-through invoice requires zero manual correction. It arrives, gets extracted accurately, passes validation rules, routes to the right approver or skips approval if below threshold, and posts to the ERP — all automatically. Every percentage point increase in your straight-through rate is a direct reduction in your team's manual workload.

Who can do this? Your AP team, not your IT team

Prompt-based extraction in OneVue Invoice is built for non-technical users. There's no code editor, no XML configuration, no model retraining workflow — just a text box. What this means practically:

- A new vendor can be onboarded without raising an IT ticket
- An AP manager can adjust extraction logic at 3pm on a Thursday without scheduling a change window
- Ad-hoc prompt changes can be tested live on a sample invoice before being saved
- Anyone with functional knowledge of AP — not technical knowledge — can configure the system

This is a meaningful shift. The people with the deepest knowledge of invoice formats and vendor quirks are the AP clerks and supervisors — not IT. Putting the configuration tools in their hands doesn't just speed things up; it produces better outcomes.

Measuring the impact: InsightsHub

OneVue Invoice includes a dashboard called InsightsHub that makes extraction quality visible and actionable. It shows the AI extraction contribution at each process stage, straight-through rate by vendor and document type, and how those rates trend over time as prompts are refined. For an operations manager, this turns extraction quality from a vague feeling into a measurable metric. For a CFO, it's evidence that the investment in automation is compounding — the system gets better the more it is used.

What this means for the broader AP process

When extraction is reliable, validation becomes reliable. When validation is reliable, automated routing becomes reliable. The whole downstream process becomes more trustworthy when the data at the top is clean. Prompt-based extraction is the foundation on which everything else is built.

Next week: We follow an invoice from the supplier's outbox all the way to ERP posting — and show you every automated step in between, including how OneVue Invoice handles channels, validation, and ERP integration.

Want to bring your own invoices and see extraction in action?

Book a live demo with the Ecovue Solutions team. We'll run your actual documents through OneVue Invoice and show you the extraction output in real time.

LINKEDIN ANNOUNCEMENT — WEEK 2

Copy and paste the following into LinkedIn. Recommended visual: a screenshot of the OneVue Invoice prompt engineering interface or the InsightsHub extraction quality dashboard.

□ LINKEDIN POST

What if your AP team could configure invoice extraction with a plain-English sentence?

No IT ticket. No model retraining. No waiting.

Most OCR systems are trained on field positions. Change the invoice layout, and the extraction breaks. Fix it, and you're in a queue. Prompt-based AI works differently. You describe what you want — in plain English — and the system figures out where it is, regardless of layout.

In our latest blog, we explain:

- ◆ How prompt-based extraction works and why it's different from legacy OCR
- ◆ The per-vendor fine-tuning loop that steadily increases your straight-through rate
- ◆ Why your AP team — not your IT team — should own extraction configuration
- ◆ How InsightsHub makes extraction quality measurable

The people who know your invoice formats best are your AP team. It's time they had the tools to match.

[LINK TO BLOG]

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