

90% AUTOMATION WITHOUT CHANGING YOUR WORKFLOW

Automating Invoice Coding in SAP: What Finance Leaders Need to Know

Insights for SAP finance teams

90%+

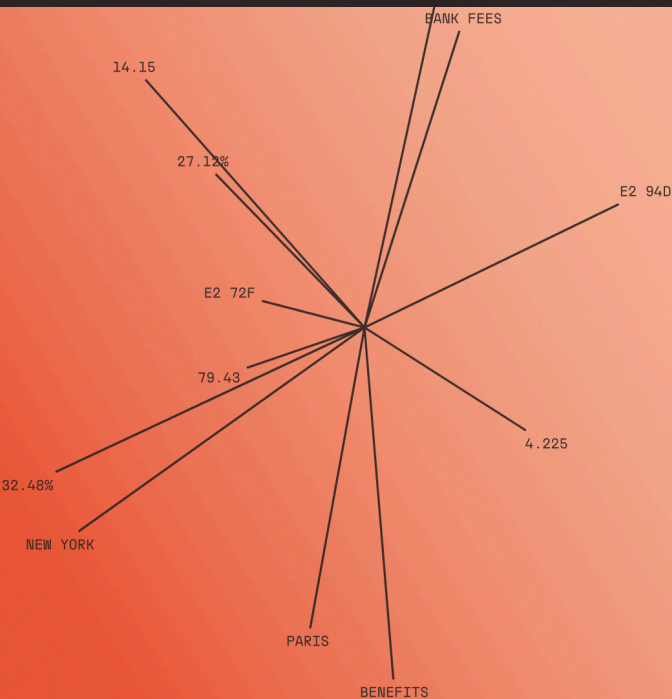
INVOICES AUTOMATED

< €1

COST PER INVOICE

98%+

CODING ACCURACY



MANY DATA POINTS.
ONE CODING DECISION.



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Introduction: The Automation Plateau in SAP Finance

Why leading SAP users are turning to Snowfox AI to eliminate manual work in purchase invoice processing and future-proof finance operations.

In our work with SAP customers, we often see the same challenge. Finance teams have invested heavily in digitalisation, but when it comes to purchase invoice processing, most are still stuck in manual mode.

80%

OF NON-PO INVOICES STILL
CODED BY HAND

€4–8

COST OF CODING ONE
INVOICE MANUALLY

20%

SHARE OF INVOICES THAT
ACTUALLY RECUR

Despite having SAP in place, around 80% of non-PO invoices are still coded by hand. It slows everything down, introduces errors, and costs between €4–8 per invoice. Teams are left chasing approvals, fixing coding mistakes and spending time on admin that should have been automated years ago.

So what's holding automation back? And how can finance leaders finally move beyond this bottleneck?

This paper shares what we've learned from helping SAP users automate invoice coding with Snowfox AI, including how it connects easily, delivers results fast, and doesn't require a single rule to be built.

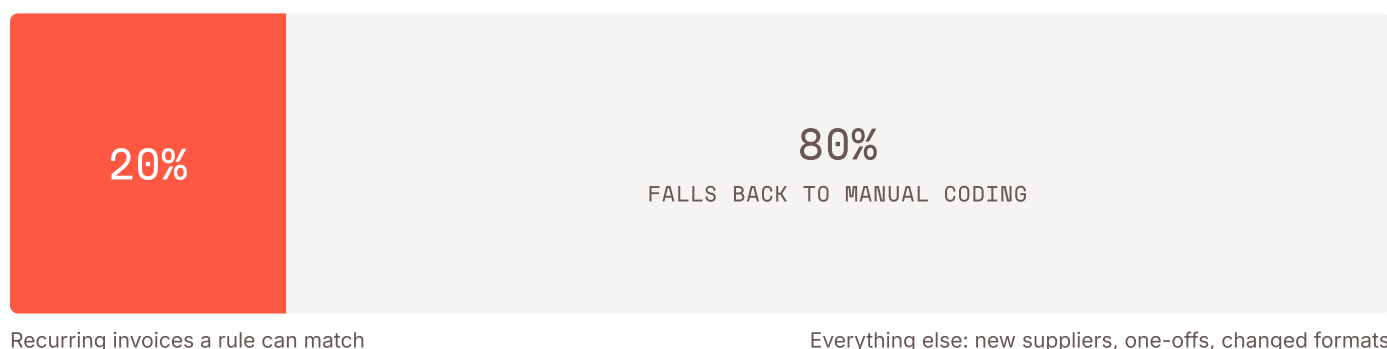


What Traditional Automation Misses

SAP provides a strong foundation for finance processes. But with traditional methods, automating the coding and approval routing of purchase invoices can be difficult, even impossible. Rules are too simple for a diverse invoice base: they work for the few invoices that repeat exactly, not for the variety most companies receive.

And the more rules you build, the harder they become to maintain. Every new supplier, cost centre or organisational change means more ongoing work. So the answer isn't to keep adding rules. It's to hand responsibility for automation to self-learning AI, which learns from your historical data without any rules to create.

WHAT STATIC RULES CAN ACTUALLY COVER



WHY RULE-BASED AUTOMATION FALLS SHORT

- Building invoice automation rules is time-consuming and often requires specialist knowledge
- Rules must be maintained constantly as invoices change: new suppliers, coding dimensions, company structures
- Most companies only have a small share of recurring invoices, often just 20%
- Supplier-specific rules fall short when suppliers send multiple invoice types
- Rules depend on perfect data. A missing reference breaks the automation
- AP teams don't have time to build or maintain this logic alongside their day-to-day work



AI as the New Layer in the Finance Stack

That's where Snowfox AI comes in. It connects directly to the backend of your SAP Finance environment as an add-on and uses your historical invoice data to build a self-learning AI model. There's no need to build rules, reconfigure workflows or change how your team operates.

Without Snowfox, most non-PO invoices arrive in SAP with empty coding fields, and someone has to fill in every one of them by hand. From day one, Snowfox predicts them instead, together with the right approver, based on how similar invoices were coded and routed before. Invoices reach the right person without manual forwarding or routing rules.

INVOICE IN SAP TODAY

GL account	
Cost center	
Tax code	
Project	

Coded by hand, then routed. Delays and coding errors start here.

SAME INVOICE WITH SNOWFOX

GL account	6210	99%
Cost center	CC-4400	97%
Tax code	V21	99%
Project	PRJ-118	74%

Pre-coded on arrival. Below your threshold, flagged for review instead.

Every prediction carries a confidence score. High-confidence predictions are entered automatically; low-confidence ones are flagged or excluded. You set the threshold, keeping full control and visibility.

AP TEAMS

Far less time spent on repetitive coding tasks

DEPARTMENTS

Pre-coded invoices arrive ready to approve

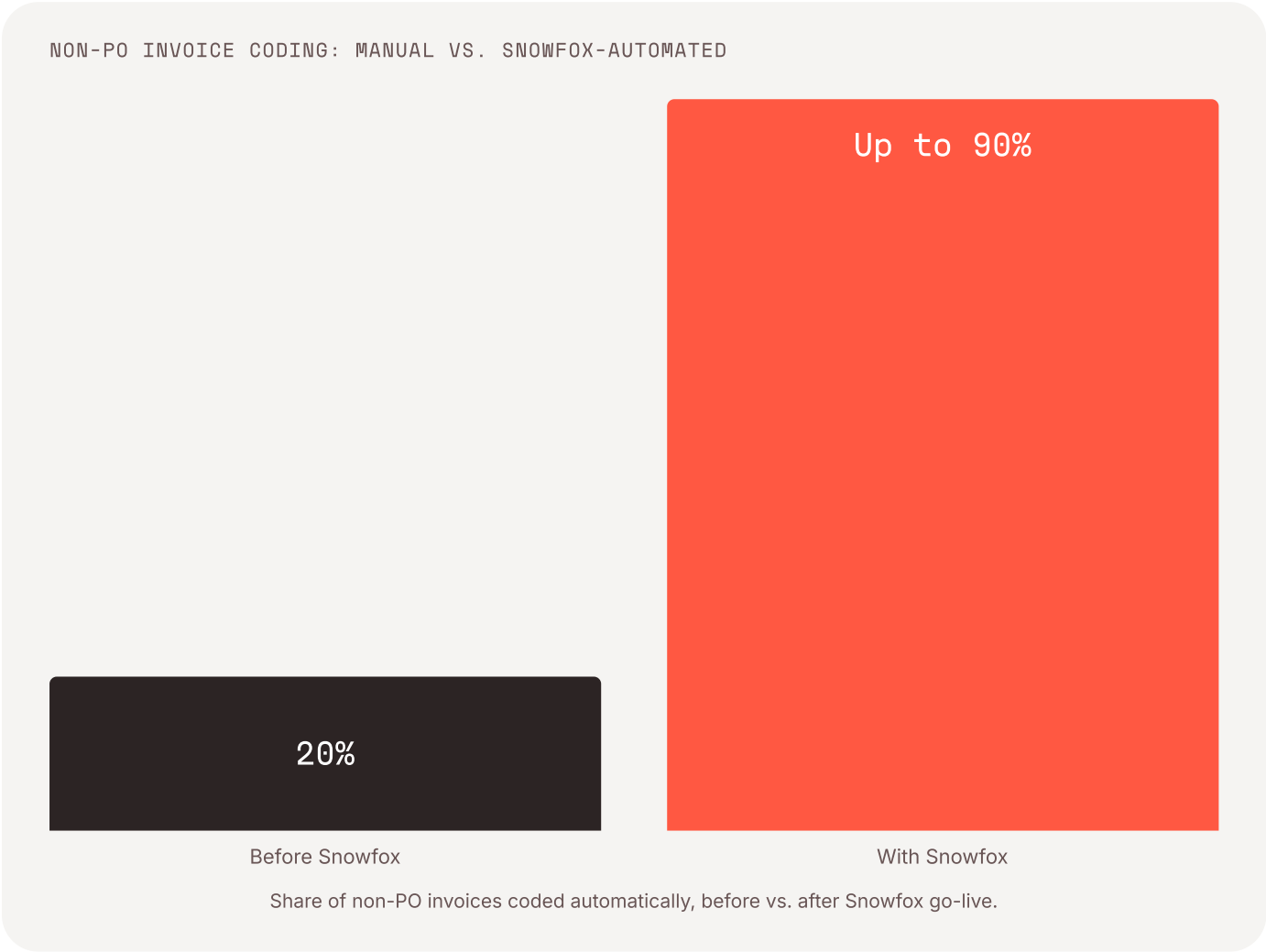
FINANCE

Consistency, speed and visibility without added workload



The Business Case: From Manual Cost to Intelligent ROI

Snowfox AI is trained on your real invoice and coding data, and connected directly into your invoice workflow. If you're coding thousands of invoices manually, the cost adds up fast, usually €4–8 per invoice. Snowfox operates on a volume-based monthly pricing model, giving you predictable costs aligned to invoice volume and automation coverage.



€4–8
Cost per manually coded invoice
Typical range across SAP finance teams

Up to 90%
Non-PO invoices automated
Rising further as the model learns

ILLUSTRATIVE EXAMPLE		
50,000	€300,000	€240,000
Non-PO invoices per year	Annual manual coding cost at €6 per invoice	Manual work freed each year at 80% automation
Illustrative figures. Your result depends on invoice volume, cost per invoice and automation level.		



How It Works: A Simple, Powerful Model

Here's what happens when you connect Snowfox to SAP:

SETUP, ONCE

- 01 We extract 6–12 months of historical invoices and coding data
- 02 Snowfox builds a tailored AI model based on your invoice coding and approval logic

IN PRODUCTION, EVERY INVOICE

01

Predict

Coding dimensions and approver predicted automatically

02

Approve

Invoices move through your standard SAP workflow

03

Feedback

Every correction during approval returns to the model

04

Monitor

Real-time analytics and admin tools on our data platform

THE MODEL RETRAINS ON ITS OWN OUTPUT

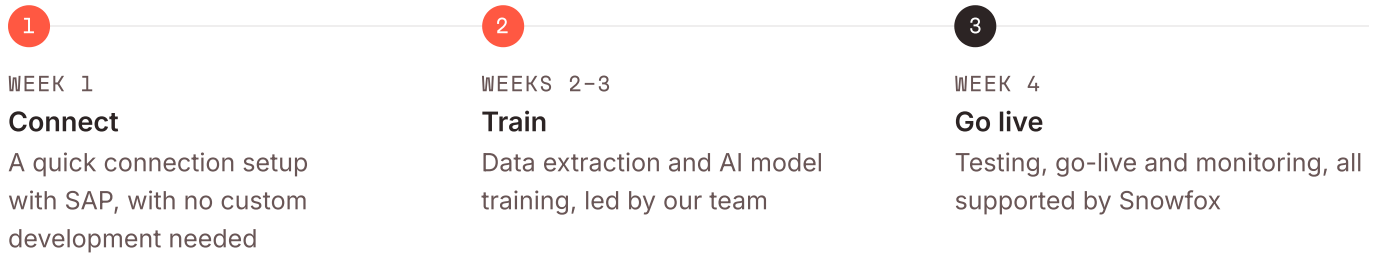
ALWAYS LEARNING

AI feedback loop means Snowfox gets smarter with every invoice. And there's no need to ever build or maintain a single rule.



Connecting to Snowfox Is Simple

Let's address the big question: "How hard is it to connect?" The answer: it's surprisingly easy. Snowfox is a certified SAP-compatible add-on, with no infrastructure change, no system replacement. It connects natively to your SAP Finance environment, and it's live in weeks.



Future-Proofing Finance in SAP

Finance leaders are ready to move beyond incremental improvements. Snowfox AI gives you automation that works inside SAP, with no disruption. A fast, intelligent and proven way to eliminate manual invoice handling, while improving accuracy and visibility.

NEXT STEPS

Run a free AI accuracy test on 6–12 months of your own SAP invoice data. We'll show how accurately Snowfox would code and route your non-PO invoices, and outline what monthly pricing could look like.

No surprises, just simple value. Speak with our team to map out your case.

Find out more at snowfox.ai

ABOUT SNOWFOX

At Snowfox, we help finance teams eliminate manual invoice handling with smart, self-learning automation. Our AI-powered add-on integrates seamlessly with SAP and other ERP systems to automate invoice coding and approval routing, with no rules, no templates and no interface change.



Finance Teams Already Running on Snowfox

Snowfox runs inside the finance operations of manufacturers, construction groups, service companies and retailers across the Nordics and Europe, on SAP and on every other major ERP.

Customer Reference: First AI in Finance in a European Group

ANONYMISED: NORDIC BUILDING MATERIALS COMPANY, PART OF A EUROPEAN GROUP

8 operating companies, 50–70K invoices per year, SAP ERP, a finance team of around 10. The accounting manager was the first person in the group to get AI approved for finance, navigating strict IT policy and a European-level budget process.

80%+	2 mo	1st
INVOICES AUTO-CODED	TIME TO CLEAR VALUE	AI USE CASE IN GROUP FINANCE

BEFORE AND AFTER SNOWFOX

Metric	Before	After
Coding	Manual, by business coders	AI predicts, coders verify
Invoice speed	Slow circulation	Much quicker processing
Late payment risk	Higher	Reduced
AP team role	Invoice handling	Controller-style work

IN THEIR OWN WORDS

"Our AP team have told me that they can't even imagine how they survived without Snowfox previously."

Accounting Manager

"I would say that implementation was more than easy. The main things were done with Snowfox and our SAP team."

Accounting Manager

"Be open-minded. Try and test. Spend time more wisely, and let AI do the work you would otherwise do manually."

Accounting Manager

FROM FIRST MOVER TO INTERNAL CASE STUDY IN TWO MONTHS

Within two months of go-live the results were clear enough that other group companies asked for the same setup. For organisations with cautious governance, this reference shows that starting small with Snowfox creates momentum that scales.



Finland

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