



Crossed flows — 47 occurrences in 18 months

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63 tonnes going up and coming down in the same week · fictional document

Fictional document — demonstration example

This document is produced by the Blue Lemon Agent website to illustrate what an AI agent hands to its users. The companies, matters, amounts and people in it are invented. It has no legal, accounting or commercial value.

Fictional document, produced for the demonstration. **Each transfer is justified on its own**: one clears a surplus, the other fills a shortage. **It was the matching of the two that was done nowhere — and it costs €78,000 a year.**

What the matching brings out

Measure	Value	Reading
Occurrences in 18 months	47	On 34 part numbers, all fast-moving
Tonnage crossing each year	63 tonnes	North to South and South to North, in the same week
Annual transport cost	€78,000	21,000 km driven for nothing

Measure	Value	Reading
Cases where the two transfers leave less than six days apart	41 out of 47	The matching is therefore immediate, as soon as anyone does it

The mechanism is simple and it is invisible: two buyers order the same part, one for North, one for South. When one is long and the other short, operations rebalance with a transfer. **No tool looks at the two movements together; you have to read eighteen months of transfers in one go to see them.**

The correction proposed, written and tested

Measure	Content	What it lets through
Allocation rule	Every fast-moving part is assigned to a home centre	—
Window check	Any crossed transfer on the same part is blocked within a ten-day window, with an offer to rebalance at source instead	Site emergencies, flagged rather than forbidden

What the eighteen-month replay gives

Measure	Value	Reading
Occurrences removed	44 out of 47	—
Annual saving	€74,000	Out of €78,000 recorded
Cases kept	3	Three site emergencies where the crossed transfer was the right call — the rule lets them through and flags them

What putting it in place requires

Step	Effort	Who carries it
Configuration in the ERP	Half a day	The agent, with the ERP administrator
Approval of the home-centre list	One meeting	The three centre managers
First observed effect	The first week of application	Two transfers removed — €3,100

€74,000 a year for half a day of configuration and one meeting: it is the best ratio of the half-year, **and it requires no investment, no change of tool and no additional carrier.**

For the logistics director to settle

Home-centre list for fast-moving parts, approved on: _____

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