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**
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> **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

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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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