

Supplier Autoflow

Magento 2 Module — Complete User Guide

Complete Guide — Every Screen, Every Button, Step by Step

Give each product multiple suppliers and let the store auto-price from the top active supplier, auto-toggle suppliers on and off as stock runs out, self-heal on restock, and fall back to out-of-stock when everyone is empty — all with a full audit trail. Licensed via the eTechFlow portal.

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1. Introduction

Supplier Autoflow lets every product carry multiple suppliers (“slots”), each with its own active flag, supplier name, cost, markup percentage and stock quantity. The module always works from the top active supplier in priority order and keeps the storefront price and stock in sync automatically.

Auto-pricing computes the selling price from the first active supplier as $\text{cost} \times (1 + \text{markup} / 100)$ and writes it to the price attribute(s) you choose. Auto-toggle by stock switches a supplier's Active flag off when its stock hits zero and moves pricing to the next active supplier; on restock it can flip back on. Fallback sets the product out of stock when every slot is inactive. The engine reacts on product save, on stock changes, on an hourly cron, and via a CLI resync — and records every automatic change in an audit log. The module is licensed through the eTechFlow portal. This guide covers configuring and using the module.

2. Configuration

All settings live under Stores → Configuration → eTechFlow → Supplier Autoflow, divided into General Settings, Supplier Slots, Stock Trigger, Pricing and Fallback Behavior. Click Save Config after changes.

2.1 General Settings

General Settings

Enable Supplier Autoflow (store view) Yes **Enable (master switch)**

When No, all observers / cron / CLI become no-ops. Default off — you must configure slots below before turning on.

Supplier Slots

Supplier Slot Definitions (store view)

One slot per line, in priority order — top = first checked.

Format (pipe-separated):
label|active_attr|name_attr|cost_attr|markup_attr|
[stock_source_or_qty_attr]

Example for a 2-supplier store:
S1|s1_active|s1|s1_cost|s1_markup
S2|s2_active|s2|s2_cost|s2_markup

The optional 6th column is used by the Stock Trigger Source below
— for MSI per-slot mode put the source code (onlyda), for per-slot
qty attribute mode put the attribute code (s1_qty).

Lines starting with # are treated as comments.

Figure 1 — General Settings: the Enable Supplier Autoflow master switch, above the Supplier Slots group.

[Enable Supplier Autoflow] Master on/off switch. When No, all observers, cron and CLI become no-ops. Default is off — configure your slots first, then turn it on.

2.2 Supplier Slots

Supplier Slots is where you define how many suppliers each product can have and which product attributes hold each slot's data.

Supplier Slots

Supplier Slot Definitions
(store view)

Supplier slot definitions

One slot per line, in priority order — top = first checked.

Format (pipe-separated):
label|active_attr|name_attr|cost_attr|markup_attr|
[stock_source_or_qty_attr]

Example for a 2-supplier store:
S1|s1_active|s1|s1_cost|s1_markup
S2|s2_active|s2|s2_cost|s2_markup
The optional 6th column is used by the Stock Trigger Source below
— for MSI per-slot mode put the source code (onlyda), for per-slot
qty attribute mode put the attribute code (s1_qty).
Lines starting with # are treated as comments.

Stock-Dependent Supplier Names
(store view)

One supplier name per line. When a slot's name attribute resolves to one of

ow_productfeed/

Figure 2 — Supplier Slots: the Supplier Slot Definitions (one slot per line, in priority order) and the Stock-Dependent Supplier Names list.

[Supplier Slot Definitions] One slot per line in priority order (the top line is checked first). Each line is pipe-separated: label|active_attr|name_attr|cost_attr|markup_attr|[stock_source_or_qty_attr], mapping the slot to the product attributes holding its active flag, name, cost, markup and stock. The optional 6th column feeds the Stock Trigger (an MSI source code or a per-slot qty attribute). Lines starting with # are comments.

[Stock-Dependent Supplier Names] One supplier name per line. When a slot's name attribute matches one of these AND its stock trigger hits zero, that slot's Active flag is flipped off automatically. Slots whose names are not listed (e.g. drop-ship suppliers) stay manual-only. Matching is case-insensitive.

2.3 Stock Trigger

The Stock Trigger group controls where the auto-toggle reads each slot's stock to answer “is this slot empty?”.

Stock-Dependent Supplier Names

[store view]

Stock-dependent suppliers

One supplier name per line. When a slot's *name* attribute resolves to one of these names AND its stock trigger source hits zero, the slot's *active* flag is automatically flipped to No. Other slots (drop-ship suppliers, etc.) stay manual-only.

Example:

Onlyda

OurOwnWarehouse

Match is case-insensitive (whitespace trimmed). Empty list = no slots auto-toggle.

Stock Trigger

[store view]

Stock Trigger Source

[store view]

Magento product quantity (legacy / non-MSI)

▼

Stock trigger

Where the auto-toggle reads "is this slot's stock empty?":

Magento product quantity — standard StockRegistry qty. Legacy / non-MSI installs.

MSI default source — InventoryApi default source qty.

MSI per-slot source — each slot config line carries an MSI source code in column 6.

Per-slot qty attribute — each slot config line carries a product attribute code in column 6 that holds that supplier's qty.

Disabled — auto-toggle off. Repricing engine still runs when merchants manually flip slot active flags.

Figure 3 — The Stock-Dependent Supplier Names list and the Stock Trigger Source selector.

[Stock Trigger Source] Where stock is read for auto-toggling: Magento product quantity (legacy / non-MSI), MSI default source, MSI per-slot source (source code in slot column 6), Per-slot qty attribute (attribute code in slot column 6), or Disabled (auto-toggle off — repricing still runs when merchants manually flip slots).

2.4 Pricing

The Pricing group controls how the computed price $\text{cost} \times (1 + \text{markup} / 100)$ is written.

Pricing

Price Output Target

[store view]

Special price + auto-anchored regular price (recommended)

Price Output Target

Which price attribute(s) the module writes when it computes $\text{cost} \times (1 + \text{markup}/100)$:

Regular price — write to price. Straight markup, no strikethrough.

Special price only — write to *special_price*. Merchant manages price manually.

Special price + auto-anchored regular price — write computed value to *special_price*, write $\text{price} = \text{special_price} \times \text{anchor_multiplier}$. Renders strikethrough on storefront + sale-pricing on Google Shopping (recommended for retail).

Anchor Multiplier

[store view]

1.40

Anchor + rounding

Default 1.40 — regular price renders 40% higher than the auto-computed special price. Adjust per your psychological-pricing preference.

Per-Product Anchor Attribute (optional)

[store view]

Product attribute code. When set on a product (e.g. 1.60), overrides the global anchor multiplier above for that specific product. Leave empty to always use the global value.

Price Rounding

[store view]

2 decimal places (£4.35)

▼

How prices are rounded after applying markup. 2dp matches most UK retail; 99p ending is psychological pricing ($£3.27 \times 1.33 \rightarrow £3.99$).

Figure 4 — Pricing: Price Output Target, Anchor Multiplier, per-product anchor attribute and Price Rounding.

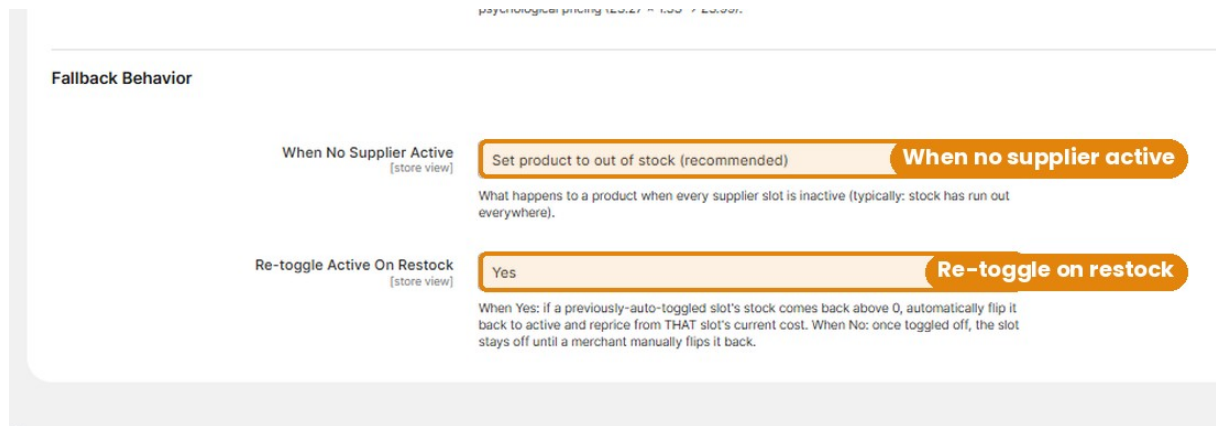
[Price Output Target] Which price attribute(s) the module writes: Regular price (writes to price, no strikethrough); Special price only (writes special_price, you manage regular price); or Special price + auto-anchored regular price (writes special_price and sets price = special_price × anchor_multiplier — renders a strikethrough on the storefront and sale pricing on Google Shopping; recommended for retail).

[Anchor Multiplier] Multiplier used to derive the strikethrough regular price from the special price. Default 1.40 makes the regular price render 40% higher than the auto-computed special price.

[Per-Product Anchor Attribute (optional)] A product attribute code that, when set on a product (e.g. 1.60), overrides the global anchor multiplier for that product. Leave empty to always use the global value.

[Price Rounding] How prices round after markup — e.g. 2 decimal places for most UK retail, or a 99p ending for psychological pricing.

2.5 Fallback Behavior



Fallback Behavior

When No Supplier Active (store view)
Set product to out of stock (recommended) **When no supplier active**
What happens to a product when every supplier slot is inactive (typically: stock has run out everywhere).

Re-toggle Active On Restock (store view)
Yes **Re-toggle on restock**
When Yes: if a previously-auto-toggled slot's stock comes back above 0, automatically flip it back to active and reprice from THAT slot's current cost. When No: once toggled off, the slot stays off until a merchant manually flips it back.

Figure 5 — Fallback Behavior: When No Supplier Active and Re-toggle Active On Restock.

[When No Supplier Active] What happens when every supplier slot is inactive (sold out everywhere). The recommended option sets the product to out of stock.

[Re-toggle Active On Restock] Yes flips a previously auto-toggled slot back on when its stock returns above 0 and reprices from it. No leaves it off until a merchant flips it manually.

[Save Config] Saves all configuration groups for the section.

3. Product Setup & Result

3.1 The per-supplier fields on a product

Once slots are defined in configuration, each product's edit page gains the matching supplier fields. For each slot (S1, S2, ...) set five fields; on save the module reprices and toggles automatically.

[**S# Active**] On/off switch for the slot. The module flips it off automatically when the slot's stock hits zero (subject to your Stock Trigger and restock settings).

[**S# Supplier Name**] The supplier's name for this slot; matched against Stock-Dependent Supplier Names to decide if auto-toggle applies.

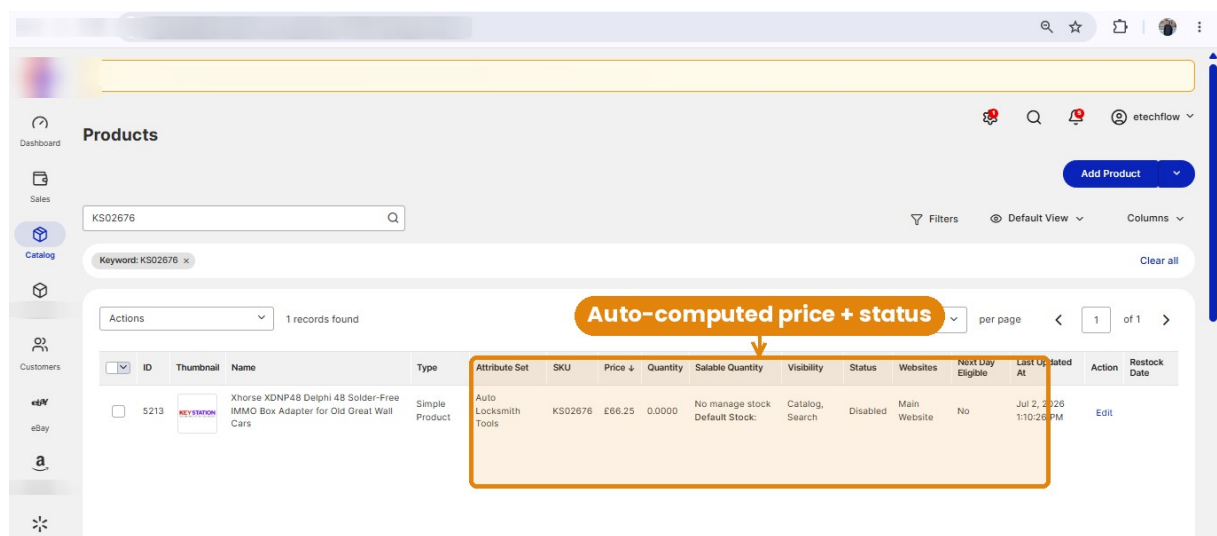
[**S# Cost**] The supplier's unit cost — the base for the computed price $\text{cost} \times (1 + \text{markup} / 100)$.

[**S# Markup %**] The markup percentage applied to this slot's cost to produce the selling price.

[**S# Qty**] The slot's stock quantity used by the stock trigger; when it reaches zero the slot can be auto-toggled off.

3.2 Verifying repricing in the product grid

The catalog grid reflects the auto-computed price and the module's custom columns, so you can confirm each product's price and flags at a glance.



ID	Thumbnail	Name	Type	Attribute Set	SKU	Price	Quantity	Salable Quantity	Visibility	Status	Websites	Next Day Eligible	Last Updated At	Action	Restock Date
5213		Xhorse XDP48 Delphi 48 Solder-Free IMMO Box Adapter for Old Great Wall Cars	Simple Product	Auto Locksmith Tools	KS02676	£66.25	0.0000	No manage stock Default Stock:	Catalog, Search	Disabled	Main Website	No	Jul 2, 2026 1:10:26 PM	Edit	

Figure 6 — The product grid: the module's auto-computed price and custom columns (Next Day Eligible, Restock Date) alongside the standard price, quantity and salable-quantity columns.

3.3 Storefront result & when the engine runs

With the “Special price + auto-anchored regular price” target, shoppers see the computed special price as the live price and the anchored regular price struck through. Because the engine reacts on product save, on stock changes, on the hourly cron, and via the CLI resync command, prices and availability stay correct without manual edits — and every automatic change is recorded in the audit log.

To force a full recalculation across the catalog at any time, run the resync command in your project root:

```
php bin/magento etechflow:supplier:resync
```

4. Support & Contact

For help with Supplier Autoflow, licensing, or installation, contact eTechFlow support. We respond to licence and configuration questions and can assist with setup on request.

Email: support@etechflow.com

Website: <https://etechflow.com>