TPV Stream for PrestaShop — User guide

> This module connects your shop to your TPV Stream point of sale (POS). The POS is the reference: its prices and stock are copied to the shop, and every online order is taken off the POS stock. You need a TPV Stream POS with cloud access.

Requirements

- PrestaShop 1.7.6 to 9, PHP 7.1 or later with the cURL extension.
- A TPV Stream POS connected to the Internet, version with the "Online shop" settings page.
- For real time: a shop served in https. Without https the module works with the cron only.

Installation

1. In the back office: Modules > Module Manager > Upload a module, choose tpvstream.zip.
2. Click Configure on "TPV Stream".

Connect the shop to the POS

1. On the POS, sign in as administrator and open Settings > Online shop.
2. On the PrestaShop line, press Turn on. The POS shows a connection code once: press Copy.
3. In the module page, paste the code in "Connection code" and press Save.
4. The module checks the code with the POS and turns on real time when the shop is in https.
5. Lost code or new server: on the POS press New code, then paste the new code in the module. The old code keeps working 7 days at most.

Options

Sync stock
Shop stock = POS stock. A validated online order takes its quantities off the POS stock; a cancelled order gives them back once.

Sync prices
The price of linked products follows the POS price (VAT included). The price without tax is computed with the tax rules group of the product in the default country. Your own combinations keep their price.

Create missing products
POS products not found in the shop are created disabled and without image, in a category named like the POS category. Check them, add a picture and turn them on.

How products are linked

- A POS product is linked to the shop product (or combination) with the same reference, or else the same EAN-13 / UPC (POS barcode or extra barcodes).
- A code used by several combinations (for example the parent reference copied on every combination) is ambiguous: nothing is linked. Give each combination its own reference or EAN.
- Linked products made by you: only price and stock change, plus the fields filled in on the shop sheet. Products created by the module also follow the POS name, description and tax, and are turned off when they are turned off at the POS.

Shop sheet, variants and modifiers

Shop sheet

In the POS, the product form has an "Online shop" tab: name, price, texts, pictures, shipping, sale and SEO. "Sell in the online shop" decides whether the product is on sale, even when "Create missing products" is off. A filled field wins; an empty one changes nothing. Your own pictures are kept after those of the POS.

Variants

POS variants become combinations (one list "Option") with their price, stock, reference and EAN, on products created by the module or put on sale from the POS, when they have no combinations of yours. A variant turned off is removed. Your own combinations keep their price: only their stock changes.

Modifiers

POS modifiers become options of the product page. Their price is added in the cart, the order and the invoice. Required choices and limits are checked. Extras do not change the POS stock.

Limits

Ingredients are never created. Size and colour in separate lists are not available. Combined products are sold as simple products. Sale by weight: 1 unit is 1 kg, without an exact weight.

Cron

- The module page shows a cron line with a secret token. Run it every 5 minutes on your server or in your hosting panel. It sends the pending online sales, reads the changed products and the whole stock.
- The button "Sync now" does the same at once.

Online orders and invoices

- An online order never creates a ticket or an invoice in the POS: the invoice is the one of PrestaShop. The POS only records a stock adjustment with the reason "Venta web #REFERENCE".
- If the POS is offline, the order goes through normally; the stock change waits in a queue and is sent by the next cron.

- Partial refunds with restocking are not sent to the POS: adjust the stock at the POS.

Troubleshooting

The POS refuses the key
The key expired (1 year) or was revoked: press New code on the POS.

POS off or offline
Turn the POS on and check its Internet connection and its cloud API.

Real time off
The shop is not in https or the POS could not reach it: the cron keeps the stock up to date.

A product is not linked
Check that its reference or EAN is the same in the POS and in the shop and used once.

Uninstall

Uninstalling deletes the module tables and settings and stops the real time. Shop products are kept. Then press Turn off on the POS to revoke the key.