CSV import and export

Product-Customer Matrix Prices Documentation

Guide for Magento administrators, technical project owners, and implementation teams.

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EXTENSION
Magento 2 Extension Product-Customer Matrix Prices

CSV import and export

The Import/Export package adds the `pricesystem_product_customer_matrix` entity to Magento's data transfer tools. It handles matrix headers, product-condition rows and direct customer assignments.

```
composer require mageb2b/pricesystem-productcustomermatrix-
importexport:*
php bin/magento setup:upgrade
php bin/magento cache:flush
```

Export a small matrix from **System > Data Transfer > Export** and use it as the template for the target store. Keep the matrix identifier consistent across its conditions and customer assignments.

File format

The CSV uses a **hierarchical row format**: one header row per matrix, followed by optional child rows for its product conditions and customer assignments.

Matrix header columns:

Column	Meaning
`id`	Matrix identifier — set it to keep the matrix's child rows together
`name`	Matrix name
`customer_attribute_value`	Value matched against the configured customer attribute
`website_id`	Website scope
`qty`, `price`	Minimum quantity and price value
`price_application_type`	Fixed, surcharge or discount type
`price_attribute_id`	Base price source for relative calculations
`attributes_relation`	`AND` or `OR` for the product conditions
`priority`	Priority for competing matrices
`valid_from`, `valid_to`	Optional active period

Child-row columns (on their own rows beneath the matrix header):

Column	Meaning
`matrix_attribute_attribute`, `matrix_attribute_value`, `matrix_attribute_operator`	One product condition per row
`matrix_customer_customer_id`	A directly assigned customer
`matrix_customer_date_from`, `matrix_customer_date_to`	Optional assignment period

Command-line import and export

```
php bin/magento pricesystem:import-productcustomermatrix
<import_path>
php bin/magento pricesystem:export-productcustomermatrix
```

Verify before importing

Before a full import, verify:

- product attribute codes and values;
- SKU and category identifiers used by conditions;
- AND or OR relation;
- customer identifiers and assignment dates;
- website, quantity, application type and matrix dates.

Import one matrix first. Test a matching and nonmatching product and customer before processing the complete file.