



CSV import and export

Product-Customer Matrix

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

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

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

Column	Meaning
<code>matrix_attribute_attribute,</code> <code>matrix_attribute_value,</code> <code>matrix_attribute_operator</code>	One product condition per row
<code>matrix_customer_customer_id</code>	A directly assigned customer
<code>matrix_customer_date_from,</code> <code>matrix_customer_date_to</code>	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.