

# ■ Streamline Inventory and Stock Location Management

Two-Part Location System · Editable Section Names · Powerful CSV Import/Export

Version 1.1.0 · Developed by Streamline Diving · [streamlinediving.com/plugins](http://streamlinediving.com/plugins)

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## Description

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Streamline Inventory and Stock Location Management gives you precise, consistent control over where products live in your store. The two-part location system — a managed **Main Section** dropdown plus a free-text **Sub Location** — ensures every location follows the same format while staying flexible for any layout.

### Frontend display format:

**Location in Store:** Carousel - 4

If Sub Location is empty, the dash is automatically hidden:

**Location in Store:** Shelf

## Key Features

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- Two-Part Location System — Main Section (dropdown) + Sub Location (free text)
- Editable Section Names — Add, rename, delete section names in settings with instant AJAX saves
- Bulk Import/Export — CSV with separate Main Section and Sub Location columns
- Smart SKU Matching — Fuzzy matching handles spaces, case, dashes, and leading zeros
- Selective Updates — Preview and choose which products to update before processing
- Comprehensive Reports — Changed, skipped, and not-imported reports with new column format
- HPOS Compatible — Works with WooCommerce High-Performance Order Storage
- Security Focused — Nonce verification, capability checks, and input sanitization

## Installation

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1. Upload the plugin ZIP via WordPress admin → Plugins → Add New → Upload Plugin
2. Activate the plugin
3. Go to Stock Locations & Inventory Management in the admin menu
4. In Display Settings, set your Location Label and configure Main Section Names
5. Start adding locations manually or via CSV import

**Note:** WooCommerce must be installed and activated before this plugin will work.

## How It Works

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## Method 1: Manual Entry

1. Go to Products → All Products → click a product to edit
2. Find the Store Location box in the right sidebar
3. Choose a Main Section from the dropdown (e.g., Carousel)
4. Enter an optional Sub Location (e.g., 4, B3, Row 2)
5. A live preview shows the final frontend format
6. Click Update

## Method 2: CSV Import

1. Click Download CSV Template (new column headers: Main Section, Sub Location)
2. Fill in your data and save as CSV
3. Upload the file and click Import File
4. Review preview, select products, click Confirm and Start Import
5. Download the three reports after completion

## CSV Format Reference

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### Import Template (v1.1.0+)

Column	Required	Description	Example
Product SKU	Yes	Unique product SKU	ABC-123
Product Qty	No	Stock quantity	100
Main Section	No	Section from managed list	Carousel
Sub Location	No	Specific spot within section	4
Hide on Website	No	yes / no / 1 / 0	no

```
Product SKU,Product Qty,Main Section,Sub Location,Hide on Website ABC-123,100,Carousel,3,no  
XYZ-456,50,Shelf,B4,yes DEF-789,25,Rack,,no
```

**Note:** Old single-column 'Product Location' format is still accepted for backward compatibility.

### Full Inventory Export Columns

Column	Description
Product SKU	Unique identifier
Product Name	Full product title
Quantity	Current stock quantity
Main Section	Current section value
Sub Location	Current sub-location value
Location Visible on Site	Yes / No
Category	Product categories

Description	Short description (200 chars)
Image URL	Full URL to product image

## Download Reports

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After an import, three reports are available. All use the two-part location format.

### 1. Changed Products Report

Column	Description
Product SKU	Product identifier
Product Name	Full product title
Main Section	Saved section value after import
Sub Location	Saved sub-location after import
Quantity	Updated stock quantity
Hidden on Website	Yes / No

### 2. Skipped Products Report

Column	Description
Product SKU	SKU from your CSV
Product Qty	Quantity from your CSV
Main Section	Main Section from your CSV
Sub Location	Sub Location from your CSV
Hide on Website	Hide setting from your CSV
Reason	Why it was skipped (not found, ambiguous, etc.)

### 3. Products Not in Import File Report

Column	Description
Product SKU	Product identifier
Product Name	Full product title
Quantity	Current stock quantity
Main Section	Current section value
Sub Location	Current sub-location value
Location Visible on Site	Yes / No
Category	Product categories

## Managing Section Names





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The Main Section Location Names panel in Display Settings controls the dropdown used on every product edit page.

### Default Names

Bin · Carousel · Countertop · Rack · Shelf · Table · Wall · Wall Bin

### Adding / Editing / Deleting

- Add: Type in the input field, press Enter or click Add. Auto-sorts alphabetically.
- Edit: Click , type new name, click  Save. Click  to cancel.
- Delete: Click , confirm the prompt. Products using the name still display correctly.

**Note:** Deleting a section name does NOT affect products that already use it.

## Frequently Asked Questions

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### ***What is the difference between Main Section and Sub Location?***

Main Section is a controlled name from your managed list (e.g., Carousel, Shelf). Sub Location is free text for the specific position (e.g., 4, B3). They display as 'Carousel - 4'. The dash is hidden when Sub Location is empty.

### ***Does the import still accept old CSV files?***

Yes. Files with the old single 'Product Location' column are still processed — the value is saved to Sub Location.

### ***What CSV columns are in the exported inventory?***

Product SKU, Product Name, Quantity, Main Section, Sub Location, Location Visible on Site, Category, Description, Image URL.

### ***Is this plugin compatible with WooCommerce HPOS?***

Yes — fully compatible with WooCommerce High-Performance Order Storage.

## Technical Details

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### Database Storage

Key / Option	Type	Description
_product_location_section	postmeta	Main Section value
_product_location	postmeta	Sub Location value
_hide_location	postmeta	Visibility flag: '0' or '1'
plm_display_label	option	Frontend label text
plm_section_names	option	JSON array of section names

### Developer Access

```
$product = wc_get_product($product_id); $section =  
$product->get_meta('_product_location_section'); $sub =  
$product->get_meta('_product_location'); $hidden = $product->get_meta('_hide_location'); $label  
= get_option('plm_display_label', 'Location in Store'); $names =  
get_option('plm_section_names', array());
```

## Changelog

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### Version 1.1.0 (Current)

- Two-part location system: Main Section (dropdown) + Sub Location (free text)
- Editable Section Names manager in Display Settings with AJAX add/edit/delete
- Default section names: Bin, Carousel, Countertop, Rack, Shelf, Table, Wall, Wall Bin
- Live preview on product edit page showing combined frontend format
- New meta key `_product_location_section`
- Import template: Main Section + Sub Location columns (old 'Product Location' still accepted)
- Full inventory export: separate Main Section + Sub Location columns
- All three download reports updated to use Main Section + Sub Location columns
- Default location label changed to 'Location in Store'
- Frontend display hides dash when Sub Location is empty

### Version 1.0.9

- Security improvements: nonce verification, capability checks, file validation, sanitization
- Code quality: refactored SKU matching, translation support, auto-cleanup on deactivation
- Bug fixes: CSV parsing, memory management, SKU matching edge cases

### Version 1.0.8

- Updated plugin name, URIs, and documentation

### Version 1.0.7

- Product selection interface; skip options; Products Not in Import File export