Issue Report: Memory Issue with WPC Product Bundles for

WooCommerce (Premium)

Environment Details

- **Website URL:** testing.thescentry.com (staging environment)

- **WordPress Version:** 6.6.2

- **WooCommerce Version:** 9.3.3

- **PHP Version:** 8.0

- **Active Theme:** Astra Pro 4.8.3

- **Active Theme:** Elementor 3.24.7

- **Server Environment:** Litespeed with LS-PHP80 (Caching is disabled)

- **Problematic Plugin Version:** WPC Product Bundles for WooCommerce

  (Premium) 8.1.2

Issue Description

When the **WPC Product Bundles for WooCommerce (Premium)** plugin is active, the

WooCommerce shop page and some other pages fail to load correctly, often resulting

in **500/503 errors** or partial page loads. This issue is triggered after product details or

category pages are edited in the Wordpress admin panel.

Disabling the plugin resolves the issue, and the pages load correctly, indicating that the problem is isolated to this plugin.

Steps to Reproduce

1. Install and activate the **WPC Product Bundles for WooCommerce** plugin.

2. Edit product details (e.g., product description, pricing) or edit categories pages.

3. Save the changes and navigate to the WooCommerce shop page or categories page.

4. Observe that the page fails to load correctly or shows server errors.

Error Logs

Below is an example of related error logs:

[14-Nov-2024 07:36:11 UTC] PHP Fatal error: Out of memory (allocated 1734344704) (tried to allocate 20480 bytes) in /home/testing.thescentry.com/public_html/wp-includes/taxonomy.php on line 3760

[14-Nov-2024 07:36:11 UTC] PHP Fatal error: Out of memory (allocated 1734344704) (tried to allocate 20480 bytes) in /home/testing.thescentry.com/public_html/wp-includes/class-wp-fatal-error-handler.php on line 76

[14-Nov-2024 07:36:11 UTC] PHP Fatal error: Out of memory (allocated 1734344704) (tried to allocate 237568 bytes) in Unknown on line 0

The errors suggest memory allocation issues caused by inefficient code or unintended recursive calls within the plugin.

Expected Behavior

The plugin should not cause fatal memory allocation errors or other issues that interfere with the functionality of core WooCommerce pages, such as the shop page.

Impact

- Prevents shop pages from loading correctly, impacting site usability.
- Occurs frequently after updating product or category details, making it difficult to manage the store.
- Could lead to loss of sales and negative customer experience due to critical page inaccessibility.

Additional Information

If needed, I can provide more details, including access to the staging environment and steps for reproducing the issue in real time. Let me know if there's any other information or assistance you require.