Transformation Matrix

Module Guide: Inventory Transformation Matrix (Formula)

Module Location

Inventory > Inventory Transformation > Transformation Matrix

Module Objective

The **Inventory Transformation Matrix** module serves as the master data hub for creating and managing the "recipes" or "formulas" used in the **Inventory Transformation** module. Each "matrix" created here defines the input items, output items, and their quantity ratios for a specific transformation process (e.g., rework or kitting).

1. Main View (Matrix List)

The main page of this module displays a list of all transformation matrices, recipes, or formulas that have been defined in the system.

View Explanation

- **View**: This page is a list of all existing formulas. You can see the **Package ID** (Matrix Code), **Package Name** (Matrix Name), and who created it.

- **Action Buttons**:

- **[New]**: The primary button to create a new transformation formula or matrix.

- **[Change Status]**: To activate or deactivate a selected formula.

2. Steps to Create a New Matrix

Step 1: Create a New Matrix

From the main page, click the **[New]** button. You will be directed to the **Add Package** form.

Step 2: Name the Matrix (Conceptual)

1. On the **Add Package** form, provide a unique **Package Code** and **Package Name** for your formula (e.g., "REWORK-CHOCOLATE-TO-FLOUR").

2. After saving, you will go to a detail screen (not shown) to specify:

   - **Input Items**: Select the items to be consumed along with their standard quantities.

   - **Output Items**: Select the resulting transformation items along with their standard produced quantities.

Workflow & Integrated Business Process

- This module is a **preparatory and standardization step**. The formula you create here will become a selection option when you use the **[New From Formula]** feature in the **Inventory Transformation** module.

- By using a pre-defined matrix, the process of recording a transformation becomes much **faster, more accurate, and more consistent** because the input-output ratio is already determined.

Tips & Important Notes

- Create a matrix for every standard transformation process that is frequently performed in your company.
- This is a crucial module for the **PPIC and Production teams** to standardize rework, kitting, or repacking processes.

Revision #1
Created 15 October 2025 08:46:35 by Sayu
Updated 15 October 2025 08:48:10 by Sayu