

# Product listing and catalog management

Automatically creates and updates product listings across multiple e-commerce channels when inventory changes, ensuring consistent product information and optimized descriptions. Streamlines catalog management while maintaining accurate stock levels and competitive pricing.

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## WORKFLOW TRIGGER



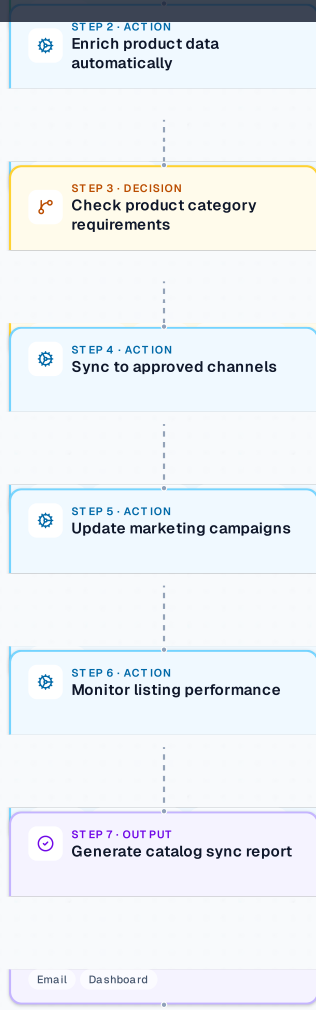
New product added to inventory management system or existing product data updated

## Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.

**STEP 1 · TRIGGER**  
 Detect inventory change

event



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## Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Detect inventory change event

Monitors for new products added to inventory or updates to existing product data including stock levels, pricing, or specifications. Captures product details and triggers the catalog update workflow.

ShipBob

2

 ACTION

## Enrich product data automatically

Generates SEO-optimized product titles, descriptions, and tags using AI. Resizes and optimizes product images for different platform requirements.

AI Content Generator

3

 DECISION

## Check product category requirements

Determines if the product meets specific category requirements for each sales channel. Routes products to appropriate channels based on category restrictions and compliance rules.

WooCommerce

Shopify

BigCommerce

4

 ACTION

## Sync to approved channels

Automatically creates or updates product listings on approved e-commerce platforms with optimized content. Applies channel-specific formatting and pricing rules.

Shopify

WooCommerce

BigCommerce

5

 ACTION

## AI Business OS

### Update marketing campaigns

Automatically adds new products to relevant email marketing segments and creates promotional campaigns. Updates abandoned cart flows with new product recommendations.

Klaviyo

6

 ACTION

### Monitor listing performance

Tracks product listing views, conversion rates, and sales performance across all channels. Identifies products that need optimization or repricing.

Shopify

BigCommerce

WooCommerce

7

 OUT PUT

### Generate catalog sync report

Creates a comprehensive report showing successful listings, any sync failures, and performance metrics for newly added products. Sends notifications to relevant team members.

Email

Dashboard



### Outputs

- Updated product listings across all channels

## AI Business OS

- SEO-optimized product descriptions and metadata
- Automated marketing campaign updates
- Catalog synchronization status report



### Key Metrics

- Product listing sync success rate
- Time to market for new products
- Catalog accuracy percentage
- Cross-channel inventory sync errors



### Tools & Integrations

- ShipBob
- AI Content Generator
- WooCommerce
- Shopify
- BigCommerce
- Klaviyo
- Email
- Dashboard

## AI Business OS

## AI Business OS

Actionable AI implementation strategies for business leaders ready to transform their operations.

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