

Inventory tracking and gemstone cataloging

Automates inventory tracking and gemstone cataloging when new jewelry arrives, updating inventory systems, capturing detailed specifications, and generating digital catalogs. Reduces manual data entry errors and ensures accurate product information across all sales channels.

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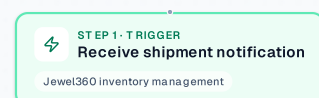


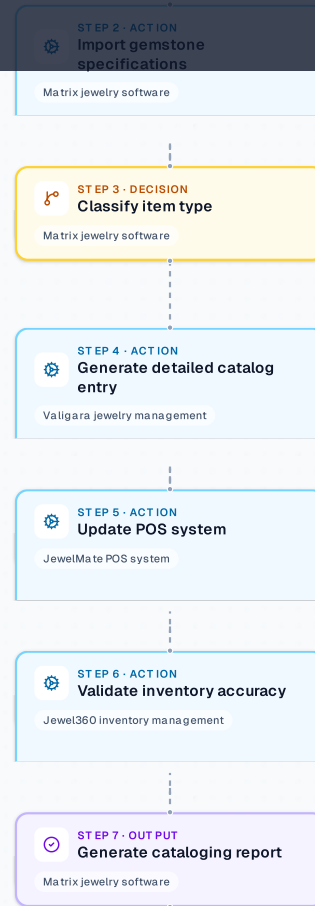
WORKFLOW TRIGGER

New jewelry shipment arrives at store

Visual Flow

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





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Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

Receive shipment notification

System detects new inventory shipment arrival through barcode scan or manual entry. Initiates automated cataloging workflow for all items in the

2

 ACTION

Import gemstone specifications

Automatically extracts product details including carat weight, color, clarity, and cut from supplier certificates or invoices. Creates initial inventory records with basic product information.

Matrix jewelry software

RapNet diamond trading

3

 DECISION

Classify item type

Determines if item is a diamond, colored gemstone, or finished jewelry piece. Routes to appropriate cataloging workflow based on product category and required specifications.

Matrix jewelry software

4

 ACTION

Generate detailed catalog entry

Creates comprehensive product records with pricing, measurements, setting details, and gemological properties. Links to high-resolution images and certification documents.

Valigara jewelry management

Matrix jewelry software

5

 ACTION

Update POS system

Syncs new inventory data to point-of-sale system with barcode generation and pricing information. Ensures real-time availability for customer transactions.

JewelMate POS system

Jewel360 inventory management

6

 ACTION

Validate inventory accuracy

Cross-references physical count with digital records and flags any discrepancies. Sends alerts for items requiring manual verification or additional documentation.

Jewel360 inventory management

Matrix jewelry software

7

 OUTPUT

Generate cataloging report

Produces comprehensive inventory update report with new items added, stock levels, and any issues requiring attention. Distributes to management and sales teams.

Matrix jewelry software



Outputs

- Updated inventory database with accurate stock levels

- Digital product catalogs with detailed specifications

AI Business OS



Key Metrics

- Inventory accuracy percentage
- Time to catalog new arrivals
- Data entry error reduction rate



Tools & Integrations

- Jewel360 inventory management
- Matrix jewelry software
- RapNet diamond trading
- Valigara jewelry management
- JewelMate POS system

AI Business OS

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

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