

# Point-of-sale transaction processing

Automates point-of-sale cannabis transactions from product scanning through regulatory compliance tracking and customer receipt generation. Ensures accurate inventory updates and maintains seed-to-sale traceability for state compliance.

Download PDF

Get Your Blueprint

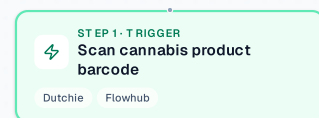


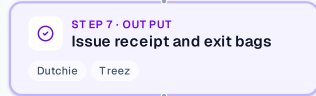
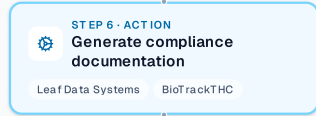
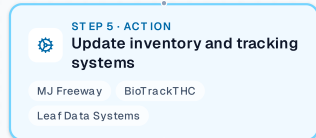
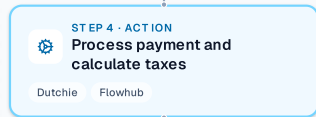
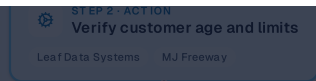
## WORKFLOW TRIGGER

Customer product barcode is scanned at dispensary POS terminal

## Visual Flow

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





+  
-  
☐

## Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

### Scan cannabis product barcode

POS system captures product barcode and retrieves item details, pricing, and current inventory levels. Initiates the transaction workflow for the scanned cannabis product.

2

 ACTION

### Verify customer age and limits

System validates customer ID against state database and checks daily/monthly purchase limits for compliance. Retrieves customer purchase history and remaining allowable quantities.

Leaf Data Systems

MJ Freeway

3

 DECISION

### Check inventory and compliance status

Determines if sufficient inventory exists and product meets all regulatory requirements for sale. Branches workflow based on availability and compliance validation results.

BioTrackT HC

Treez

4

 ACTION

### Process payment and calculate taxes

Handles payment processing including cannabis-specific taxes and fees. Applies any applicable discounts and processes customer loyalty points or rewards.

Dutchie

Flowhub

5

 ACTION

### Update inventory and tracking systems

Deducts sold quantities from inventory and updates seed-to-sale tracking records. Records transaction details for regulatory reporting and compliance auditing.

MJ Freeway

BioTrackT HC

Leaf Data Systems

6

 ACTION

## Generate compliance documentation

Creates required state tracking tags and updates customer purchase limits in regulatory databases. Prepares transaction data for mandatory compliance reporting.

Leaf Data Systems

BioTrackT HC

7

 OUTPUT

## Issue receipt and exit bags

Prints compliant customer receipt with required regulatory information and prepares properly labeled exit packaging. Completes transaction workflow with all documentation.

Dutchie

Treez



## Outputs

- Compliant customer receipt with tax breakdown

## AI Business OS

- Updated inventory levels across all systems
- State compliance tracking records
- Customer purchase limit updates



### Key Metrics

- Transaction processing time
- Compliance accuracy rate
- Inventory variance percentage



### Tools & Integrations

- Dutchie
- Flowhub
- Leaf Data Systems
- MJ Freeway
- BioTrackTHC
- Treez

## AI Business OS

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

### COMPANY

[About](#)

[Industries](#)

### CONNECT

[MVP.dev](#)

[LinkedIn](#)

### RESOURCES

[Articles](#)