

Seed-to-sale compliance tracking

Automates complete seed-to-sale compliance tracking by monitoring cultivation stages, processing transfers, and maintaining regulatory records across all cannabis product lifecycle phases. Ensures real-time compliance adherence while reducing manual data entry and regulatory violations.

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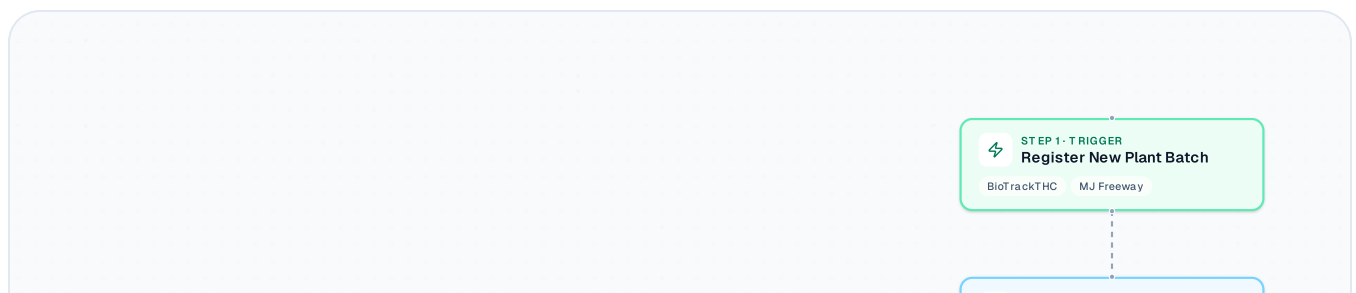


WORKFLOW TRIGGER

New cannabis plant or batch is registered in cultivation system

Visual Flow

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



STEP 3 - DECISION
Evaluate Processing Destination
MJ Freeway Flowhub

STEP 4 - ACTION
Process Manufacturing Records
BioTrackTHC Treez

STEP 5 - ACTION
Generate Transport Manifests
LeafData Systems Flowhub

STEP 6 - ACTION
Update Retail Inventory
Dutchie Treez

STEP 7 - OUTPUT
Complete Compliance Audit Trail
MJ Freeway BioTrackTHC



Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

TRIGGER

Register New Plant Batch

Cannabis cultivation facility creates new plant batch entry with strain details, planting date, and initial compliance tags. System automatically assigns unique tracking identifiers for regulatory monitoring.

2

 ACTION

Track Growth Stage Updates

Automated monitoring of cultivation phases including vegetative, flowering, and harvest stages with weight measurements and environmental data. Daily compliance reports are generated and submitted to state tracking systems.

BioTrackT HC

Leaf Data Systems

3

 DECISION

Evaluate Processing Destination

System determines if harvested cannabis will be processed into derivatives, packaged as flower, or transferred to another licensed facility. Routes compliance tracking accordingly based on intended product type.

MJ Freeway

Flowhub

4

 ACTION

Process Manufacturing Records

For products requiring processing, system tracks extraction, infusion, or packaging activities with batch mixing ratios and final product weights. Maintains chain of custody documentation throughout manufacturing.

BioTrackT HC

Treez

5

 ACTION

Generate Transport Manifests

Creates required shipping documentation and manifests for product transfers between licensed facilities. Automatically updates state tracking systems with transportation details and receiving confirmations.

Leaf Data Systems

Flowhub

6

 ACTION

Update Retail Inventory

Upon arrival at dispensary, system automatically updates point-of-sale inventory with tracked products and compliance data. Links seed-to-sale history to retail inventory management for customer transparency.

Dutchie

Treez

7

 OUTPUT

Complete Compliance Audit Trail

Generates comprehensive audit trail documentation showing complete product journey from cultivation to retail sale. Provides regulatory compliance reports and customer-facing product history information.

MJ Freeway

BioTrackT HC



Outputs

- Complete seed-to-sale audit trail

- Automated regulatory compliance reports

AI Business OS



Key Metrics

- Compliance violation reduction percentage
- Manual data entry time savings
- Audit preparation time reduction



Tools & Integrations

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

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