

# Crew scheduling and dispatch management

This workflow automatically assigns optimal crew members to scheduled moves based on skills, availability, and location, then dispatches real-time updates to crews and customers. It reduces manual scheduling time by 70% and ensures proper crew utilization while maintaining service quality.

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## WORKFLOW TRIGGER

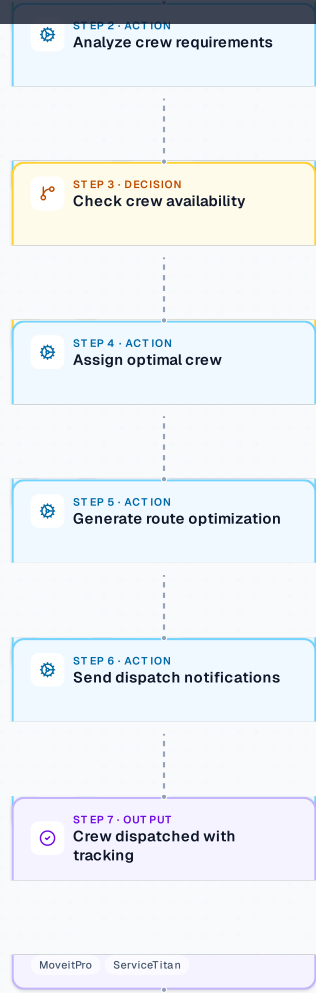


New moving job is confirmed in the system with date, location, and service requirements.

## 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

Moving job confirmed

A new moving job is confirmed in the system with customer details, move date, pickup/delivery locations, and special requirements like piano moving or fragile items.

SmartMoving

2

 ACTION

## Analyze crew requirements

System evaluates job complexity, estimated duration, required equipment, and special skills needed based on inventory list and service type. Calculates optimal crew size and skill mix required.

SmartMoving

MoverBase

3

 DECISION

## Check crew availability

System checks which crews are available on the scheduled date and determines if qualified crews with required skills are free. Branches based on availability status.

Vonigo

ServiceTitan

4

 ACTION

## Assign optimal crew

Automatically assigns the best-matched crew based on skills, proximity to pickup location, and workload balancing. Creates crew assignment record with all job details.

Vonigo

SmartMoving

5

### Generate route optimization

Calculates optimal travel routes considering traffic patterns, multiple stops, and crew schedules. Updates estimated arrival times and creates turn-by-turn directions.

MoveitPro

ServiceTitan

6

ACTION

### Send dispatch notifications

Automatically sends job assignments, routes, and customer information to crew mobile devices. Notifies customers of crew assignment and estimated arrival window.

Vonigo

SmartMoving

7

OUTPUT

### Crew dispatched with tracking

Crew receives complete job package with optimized route and begins move with real-time GPS tracking active. Customer and office receive live updates throughout the process.

MoveitPro

ServiceTitan



## Outputs

- Optimized crew assignments with skill matching
- Turn-by-turn route directions with traffic optimization
- Real-time GPS tracking for crews and customers



## Key Metrics

- Crew utilization rate
- Average dispatch time
- Customer satisfaction scores



## Tools & Integrations

- SmartMoving
- MoverBase
- Vonigo
- ServiceTitan
- MoveitPro

## AI Business OS

## AI Business OS

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