

# Crew assignment and task management

Automatically assigns landscaping crews to scheduled jobs based on crew availability, skills, location, and equipment requirements, optimizing resource allocation and reducing manual scheduling overhead.

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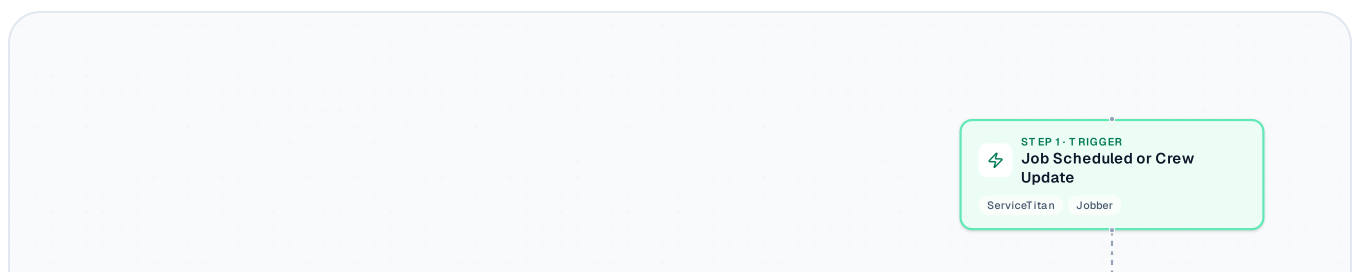


## WORKFLOW TRIGGER

New landscaping job is scheduled in the system or crew availability changes

## 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

### Job Scheduled or Crew Update

A new landscaping job is created in the scheduling system or crew member availability status changes. This triggers the automated crew assignment process.

2

 ACTION

### Retrieve Job Requirements

Extract job details including service type, required equipment, property size, estimated duration, and client location. Parse special requirements like pesticide application or tree removal certifications.

ServiceTitan

LawnPro

3

 ACTION

### Check Crew Availability

Query current crew schedules, availability windows, and skill certifications. Factor in travel time between jobs and equipment assignments.

Jobber

Yardbook

4

 DECISION

### Evaluate Crew Match Criteria

Determine if available crews meet job requirements including certifications, equipment access, and location proximity. Branch to manual assignment if no suitable automatic match exists.

Real Green Systems

5

 ACTION

### Optimize Route and Assignment

Calculate optimal crew assignment based on travel efficiency, skill match score, and workload balancing. Generate route sequence for multi-job days.

6

 ACTION

### Send Crew Notifications

Automatically dispatch job assignments to crew mobile devices with property details, task lists, and route information. Update crew calendars and send client notifications.

Jobber

LawnPro

7

 OUT PUT

### Generate Assignment Summary

Create crew assignment report showing job allocations, estimated completion times, and any unassigned jobs requiring manual intervention. Update dashboard metrics.

Real Green Systems

Yardbook



### Outputs

- Automated crew job assignments
- Optimized daily route schedules
- Crew mobile notifications with job details



## Key Metrics

- Crew utilization rate
- Average travel time between jobs
- Jobs requiring manual assignment intervention



## Tools & Integrations

- ServiceTitan
- Jobber
- LawnPro
- Yardbook
- Landscape Management Network
- Real Green Systems

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