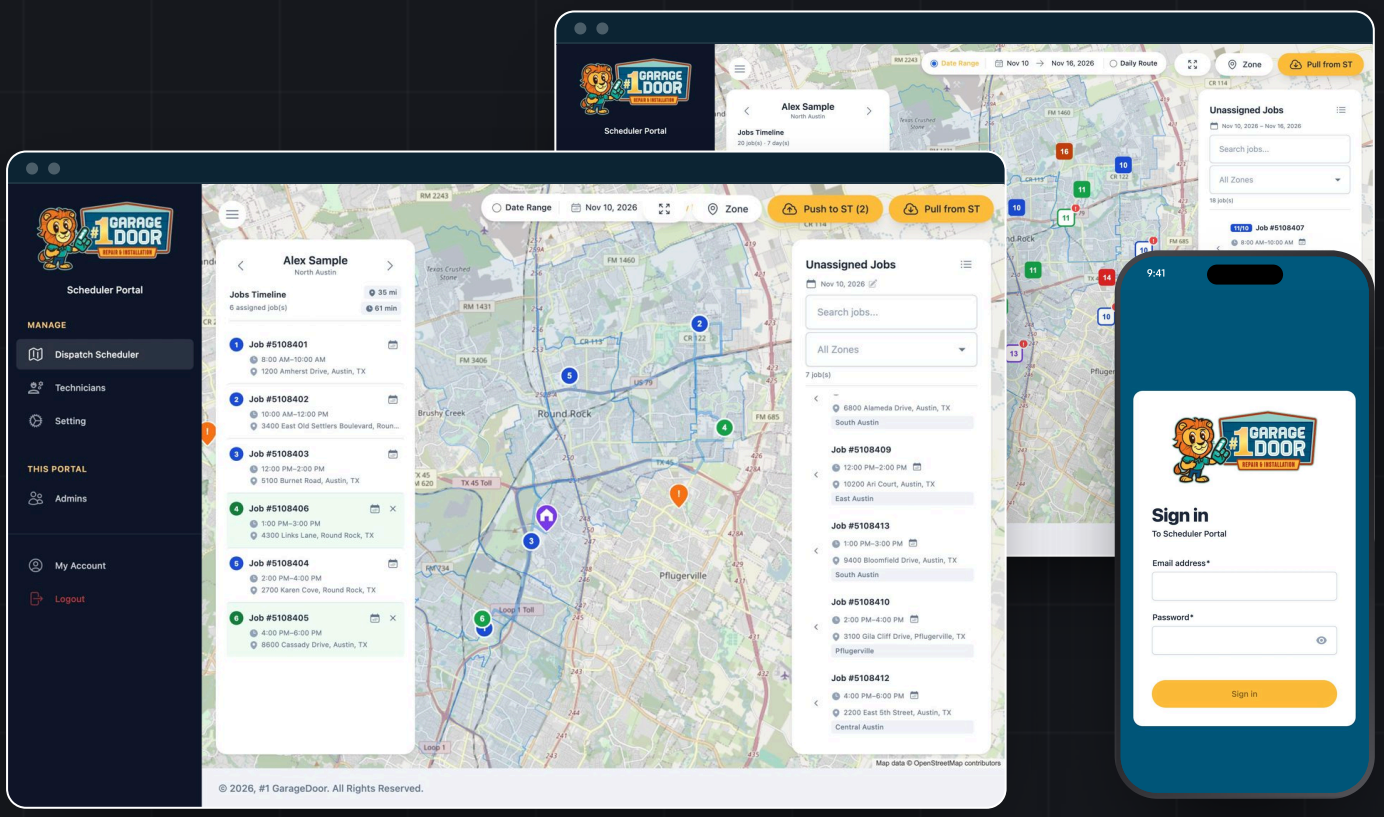
DISPATCHBOARD · MAP-BASED DISPATCH FOR SERVICETITAN

The whole day, on one map.

For 1GarageDoor, a garage door service company in the USA that runs on ServiceTitan, we built the 1GarageDoor Scheduler: a dispatch board that puts every appointment on a map, checks each technician's limits, puts routes in the right order and writes the day back to ServiceTitan.



WHY

Dispatch lived in lists. The map lived in people's heads.

1GarageDoor runs its technicians on ServiceTitan. Dispatchers built each day in lists and spreadsheets, guessing at drive times and zones, then keyed every change back into ServiceTitan. Technicians crossed town twice, and limits on hours and miles lived in people's heads.

BEFORE

The old way

- The day built in lists and spreadsheets
- Drive times and zones guessed
- Every change keyed into ServiceTitan twice
- Technicians crossing town twice
- Limits on hours and miles in people's heads

WITH THE SCHEDULER

One map, one save.

- Every open ServiceTitan appointment on one map, with each technician's zones
- Assign, reorder and reschedule, then save straight back to ServiceTitan
- Routes in stop order, with miles and minutes per technician
- House rules checked as you assign: shifts, jobs a day, drive time, miles
- A week view, so no open job gets lost

This guide shows the work we did for **1GarageDoor**, USA. Every screen shows **sample data**: no customer data appears here.

WHAT WE BUILT

A board, routes, rules, and ServiceTitan both ways.

01
The dispatch board

- Daily and multi-day views
- Technicians with their job cards
- ServiceTitan zones as map polygons
- Unassigned jobs as map pins; zone and zip search

02
Routes

- Google Routes API from the technician's home base
- Stop order optimised
- Total miles and minutes per technician
- Each leg highlighted on hover

03
House rules

- Shift for each weekday
- Max jobs a day, drive minutes and miles
- "Further job first" preference
- Warnings before anything is saved

04
ServiceTitan both ways

- Appointments, jobs and locations pulled in
- Technician assignments written back
- Reschedules written back
- Background sync on AWS with a retry queue

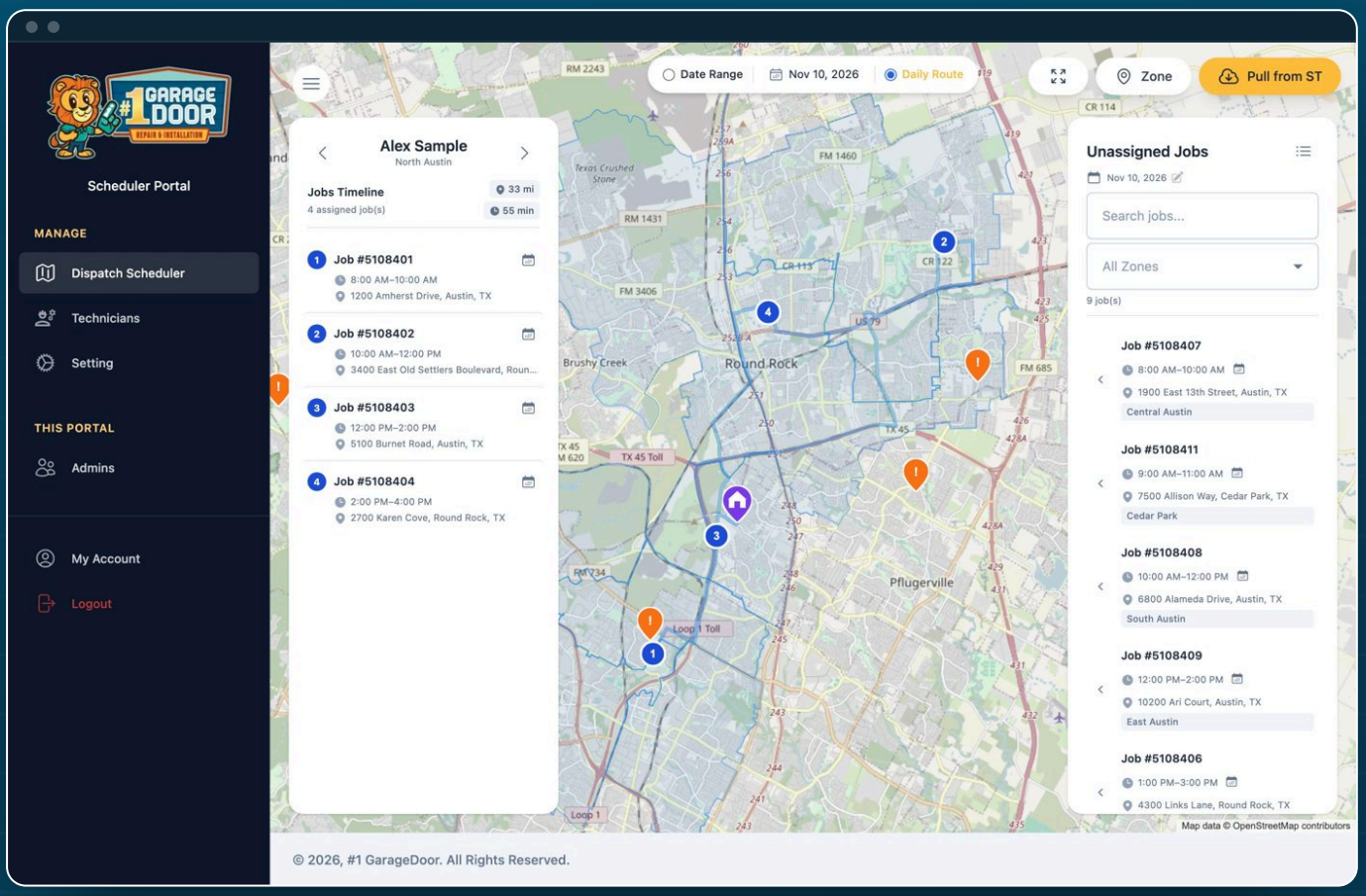
$10,000 first year, then $1,000 a year

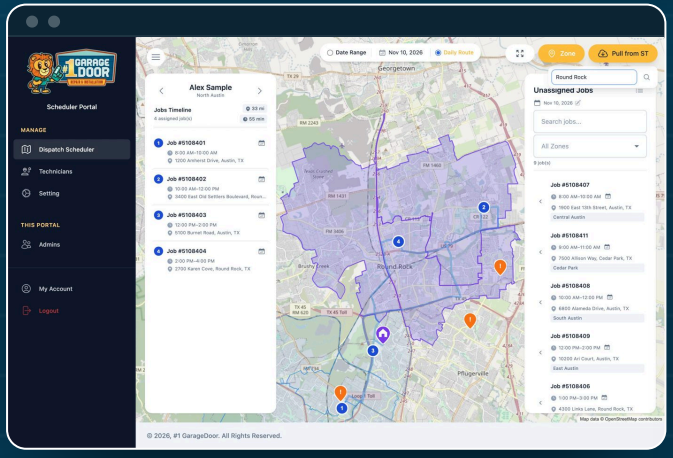
Dispatchboard, the same board for your team: every open ServiceTitan job on a map, routes and your house rules, saved straight back.

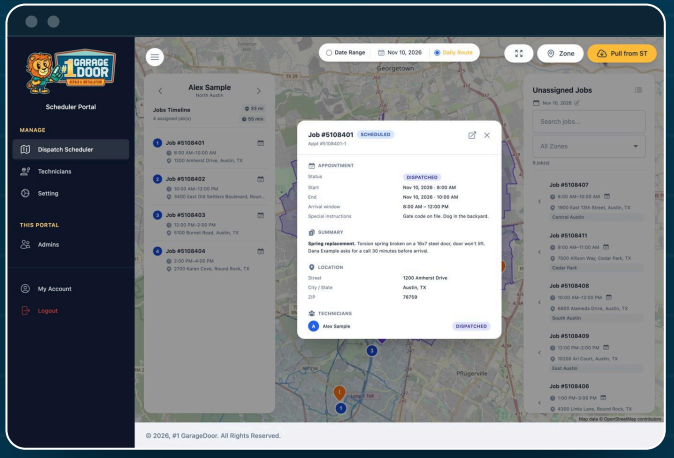
01 · THE BOARD

The whole day, on one map.

Each technician's day sits on the left with their zones on the map. Every unassigned appointment is an orange pin and a card on the right, filterable by ServiceTitan zone. Type a zip or a zone name and the board jumps to it.







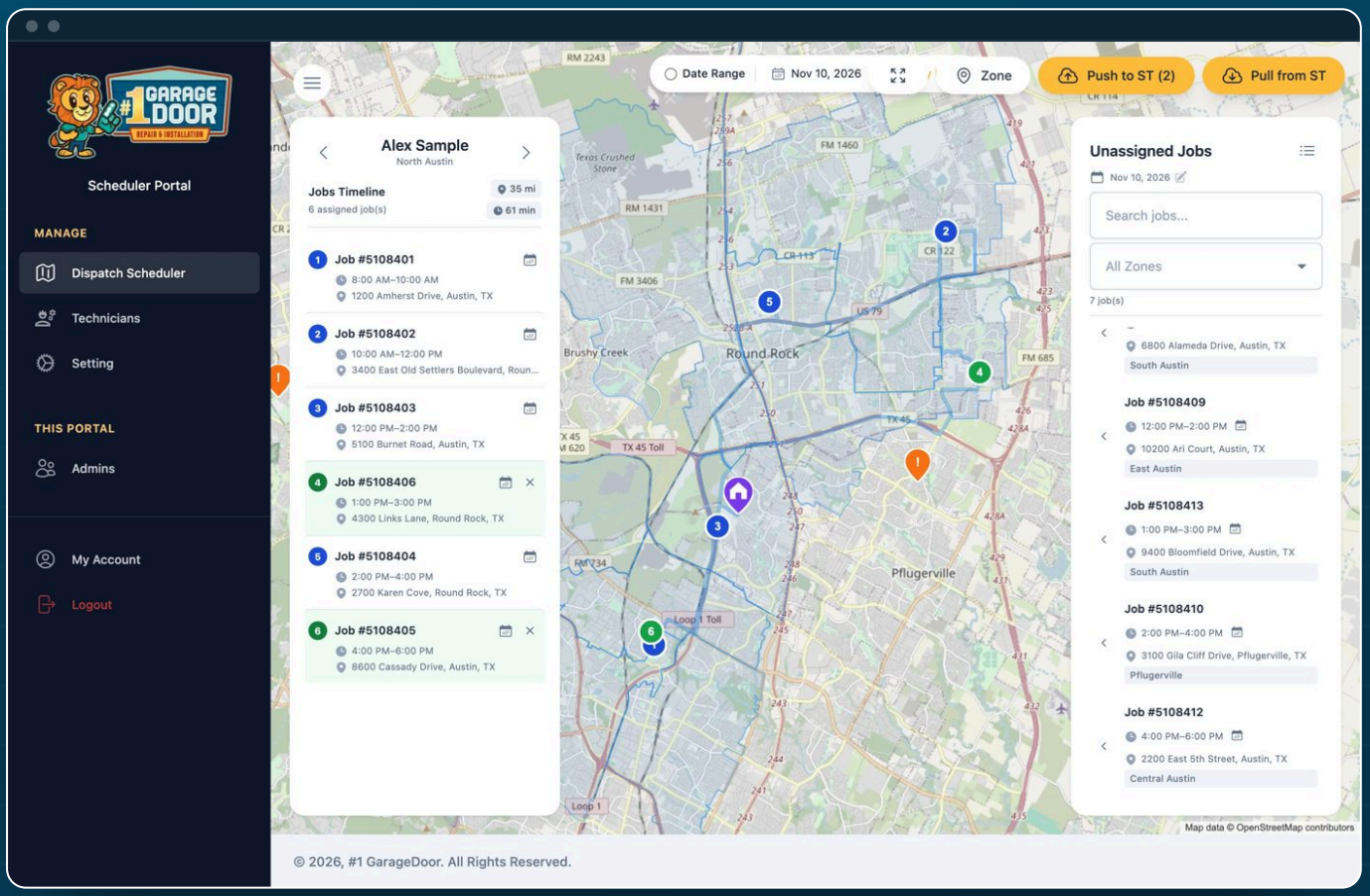
SAMPLE DATA

02 · ASSIGN AND ROUTE

Pick a job. Assign it. The route redraws in order.

One click moves an open job onto the technician's day. The Google Routes API works out the drive from the technician's home base through every stop, puts the stops in the best order, and the board shows the total miles and minutes. New stops stay green until they are saved.

ServiceTitan	Assign on the map	Route in order	Save
APPOINTMENTS IN	ONE CLICK	MILES · MINUTES	ASSIGNMENTS BACK



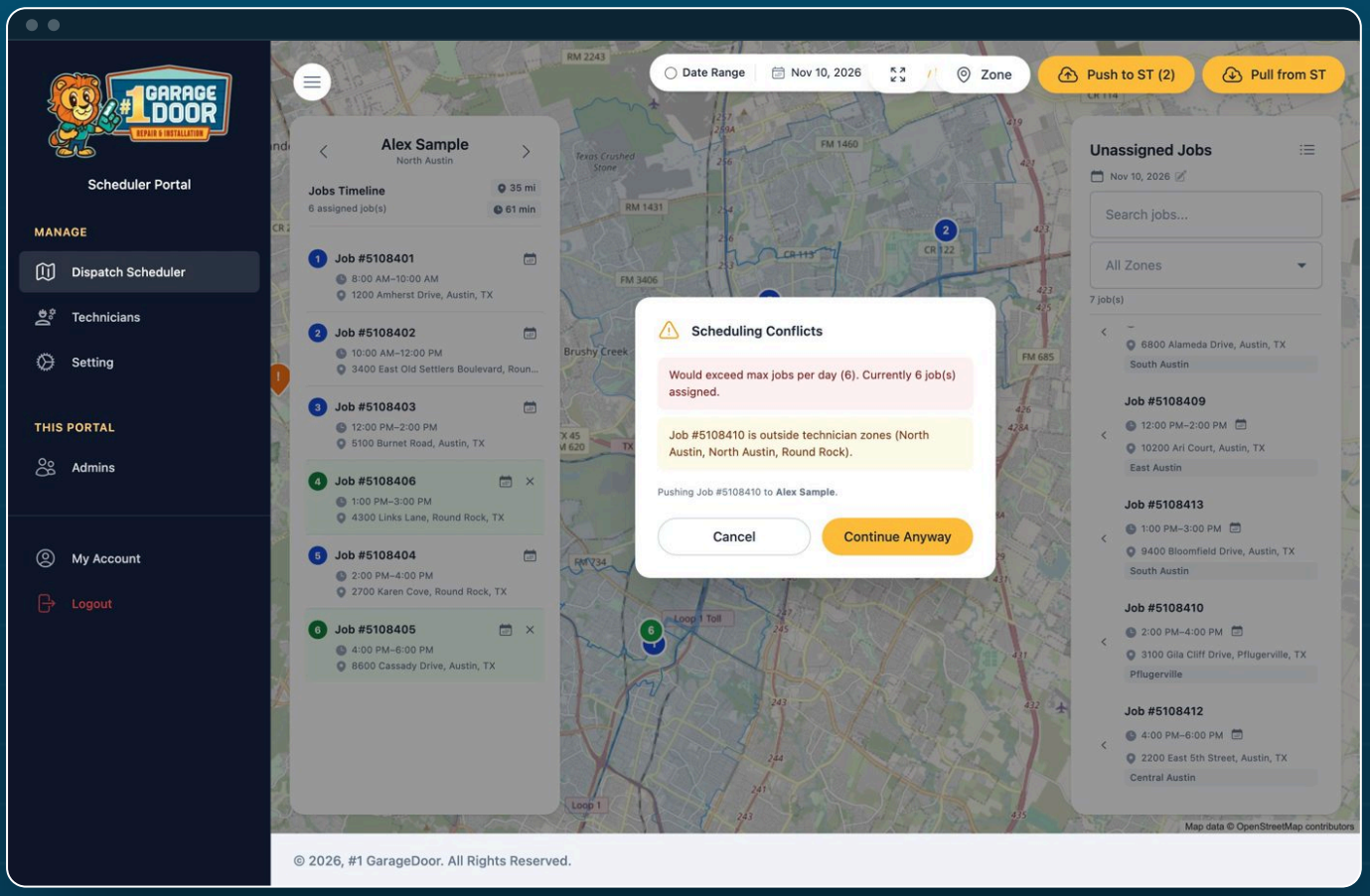
- Assign one job or several at once
- Undo an assignment before saving
- Hover a job to highlight its leg
- Unsaved changes are never lost by accident

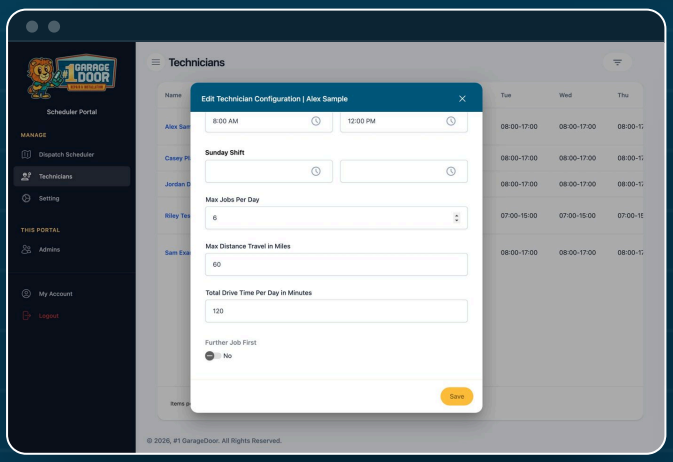
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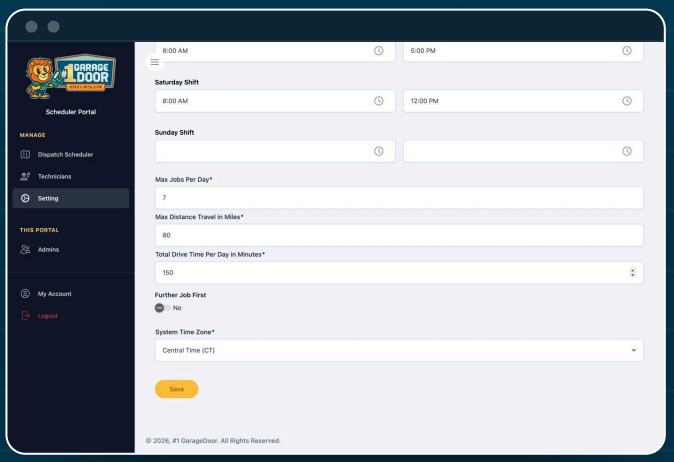
03 · HOUSE RULES

Limits checked as you go.

Each technician has a shift for every weekday, a maximum number of jobs a day, a drive-time limit and a mileage limit, with company defaults for anyone without their own. The board warns about too many jobs, a job outside the technician's zones, no shift that day, or a route over its limits, before anything goes to ServiceTitan.





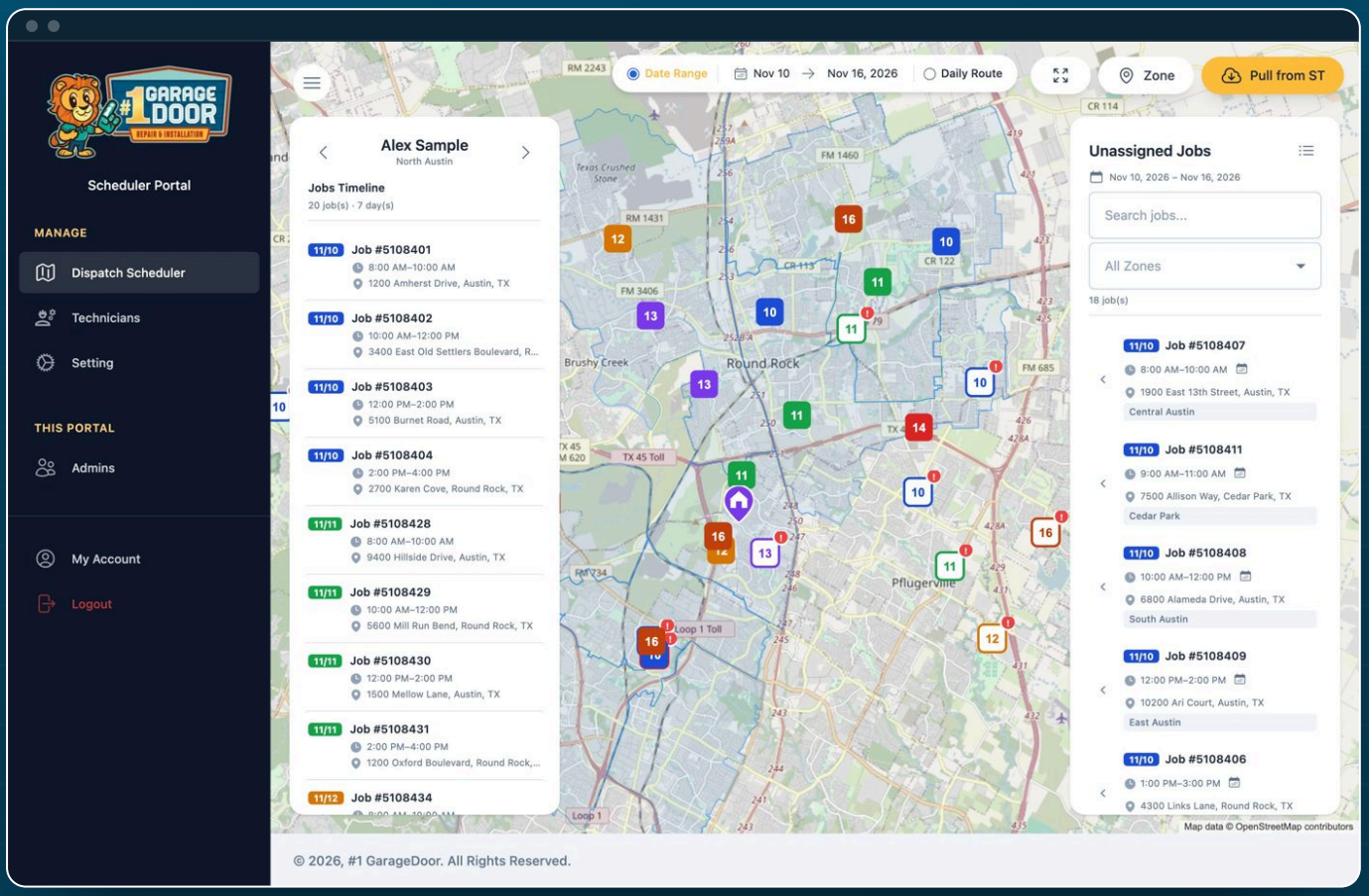


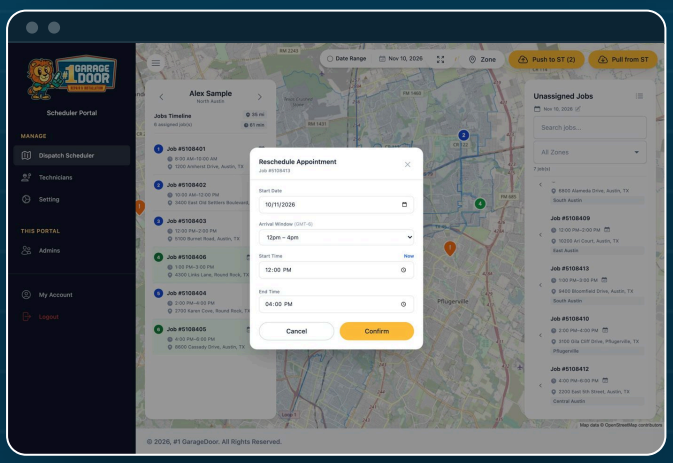
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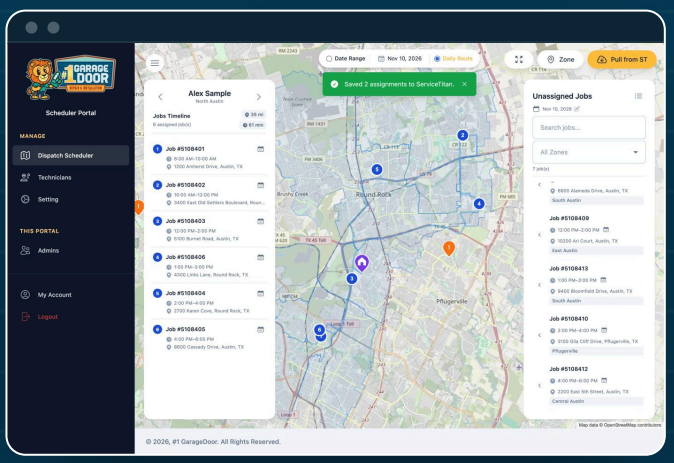
04 · RESCHEDULE, WEEK VIEW, SYNC

Balance the week. Saved straight to ServiceTitan.

Move a job to a new date, arrival window and time, and it is written back to the ServiceTitan appointment. The week view puts up to 14 days on one map, one colour a day. A background sync on AWS pulls the latest appointments whenever dispatch asks.







SAMPLE DATA

1GarageDoor is a garage door service company that runs its technicians on ServiceTitan. MindCore built the 1GarageDoor Scheduler: the portal, the routing and rule checks, the two-way ServiceTitan integration and the AWS backend.

1 hour
saved building each day's schedule

15%
fewer miles driven per technician

0
changes keyed twice: assignments go straight to ServiceTitan

4 rules
shifts, jobs a day, drive minutes and miles checked on every assignment

> "Even US Bank were impressed. Thank you for building this payment thing that no one else has in my industry, even with hard-to-get API access."

Tristin Wurzbach
OWNER, 1GARAGEDOOR

- Angular portal, Google Maps, Google Routes API
- Node.js and Express on AWS Lambda + API Gateway
- Amazon SQS background sync with a dead-letter queue
- Aurora Serverless PostgreSQL, Drizzle, Secrets Manager, SES
- Portal on S3 + CloudFront; GitLab CI · ServiceTitan API (dispatch and job planning)

HOW WE WORK

From how you dispatch today to one board your team trusts.

01

FIRST CALL

Watch a dispatch day

How the day is built now, the zones, the limits people keep in their heads, and what has to end up in ServiceTitan.

02

PLAN

Agree the house rules

Shifts, jobs a day, drive time, miles and anything special, written down before we build, with the ServiceTitan API access to match.

03

BUILD

Test on a real week

We sync a copy of your appointments, build the board and routes, and try them against days your dispatchers already know.

04

HAND OVER

Go live, then tune

Switch on write-back to ServiceTitan, train the dispatch team, and adjust rules as they use it.

WHAT WE NEED FROM YOU

- ServiceTitan API access (we help apply)
- Shifts and limits per technician
- A Google Maps Platform account
- Your brand files
- One person who can say yes
- Your zones and technician list
- A dispatcher for a day of questions
- A cloud account for hosting
- Who may sign in to the board
- Feedback within a day at each step

mindcore.

DISPATCHBOARD · MAP-BASED DISPATCH FOR SERVICETITAN

Book a free 30-minute call.

$10,000 first year, then $1,000 a year

Dispatchboard: every open ServiceTitan job on one map, routes with miles and minutes, your house rules checked as you assign, and assignments and reschedules written straight back to ServiceTitan. We adapt views, rules and settings to your business in the first year.

hello@mindcorestudios.com

+91 97271 92949
CALL OR WHATSAPP

cal.com/abhishekj/30min
BOOK A FREE 30-MINUTE CALL

Vadodara, Gujarat, India

Scan for Dispatchboard on mindcorestudios.com

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