

FOR SCHEDULERS, OPERATIONS CHIEFS & WORKFORCE MANAGERS

# AI Schedule LIVE

*From Pulse to Performance.*

AI-powered scheduling for 24/7 operations — EMS, Fire, Air Medical, Hospital, and Law Enforcement.

## THE PROBLEM YOU KNOW TOO WELL

Your scheduler spends hours hunting for shift coverage, juggling certifications, fatigue, fairness, and overtime budget — usually in spreadsheets and group texts. Generic scheduling tools were built for retail, not for the calls that cannot wait.

## WHAT AI SCHEDULE LIVE DOES

Ranks the right person for every open shift in seconds, validates against your certifications, fatigue, hours, and contract rules, then notifies and books — with a clear audit trail of *why* the decision was made.

## WHY OPERATIONS TEAMS CHOOSE US

CAPABILITY	AI SCHEDULE LIVE	GENERIC SCHEDULING TOOLS
Built for 24/7 mission-critical ops	Yes — EMS, Fire, Air Medical, Hospital, LE	No — built for retail / hospitality
AI candidate ranking with rule validation	Deterministic, explainable; rules block non-compliant fills	Manual selection; no compliance gate
Certification & FAA medical enforcement	Expirations block scheduling; full audit log	Optional reminders at best
Three-layer fatigue scoring	Hourly projection per crew; commute as input	None
Hospital nurse-to-patient ratios	Census-driven; live violation alerts	None
Per-organization SSO (SAML 2.0 + OIDC)	Per-tenant; SSO-only enforcement; JIT	Top tier only or not at all

## CORE CAPABILITIES

**1**

**AI shift-fill ranking**

Open shift, ranked candidates in seconds — quals, fatigue, fairness, OT, commute, CBA tie-breaks.

**2**

**Smart swap suggestions**

Crews post swaps; the engine surfaces only partners who pass every rule, with the reasons.

**3**

**Coverage forecasting**

72-hour and 14-day forecasts highlight gaps before they become 03:00 call-offs.

**4**

**Compliance engine**

Rest, weekly max, OT, FAA Part 135 HEMS — non-compliant actions are blocked, not flagged.

**5**

**Ops command center**

Live unit status, GPS, ADS-B aircraft, station minimums, call-off management on one screen.

**6**

**Mobile-first crew app**

Native iOS & Android via Capacitor — bottom nav, swipe, haptics, push. Crews answer faster.

BUILT FOR

EMS

Fire

Air Medical

Hospital & Healthcare

Law Enforcement

Custom

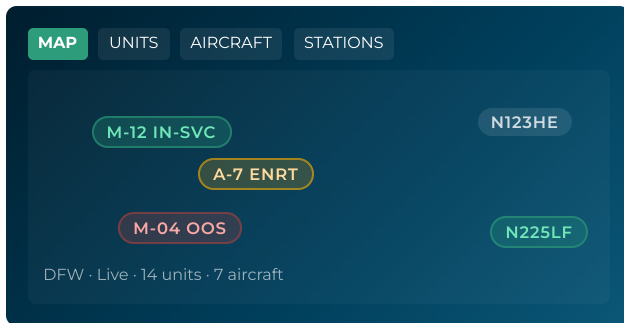
# Built for the people who actually run the schedule.

Four screens that show how the platform fits into a real operations day.

## 01

### Operations Map & Live Units

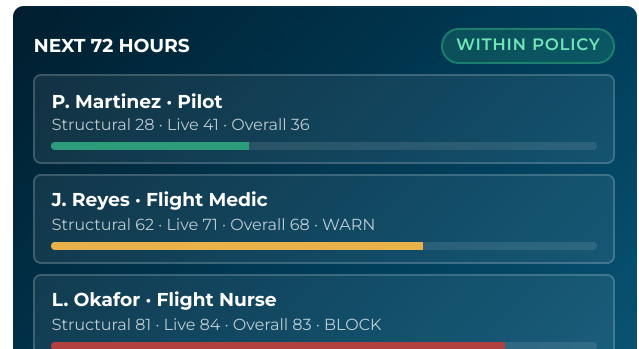
Real-time GPS for ground units, ADS-B for aircraft. Click any unit to see crew roster, duty time, and current fatigue risk score.



## 02

### Fatigue & Coverage Forecast

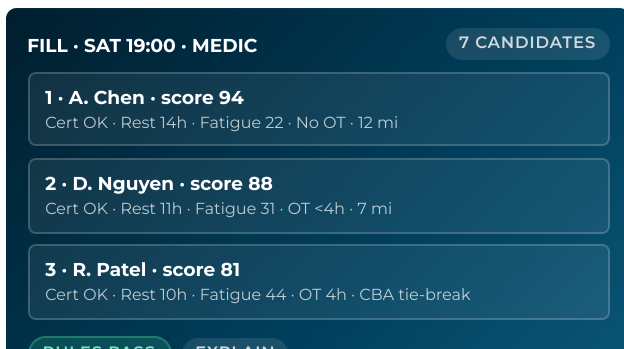
Three-layer fatigue model — structural, live, and overall — projected hour by hour. Coverage gaps surface before the call-off comes.



## 03

### AI Candidate Picker

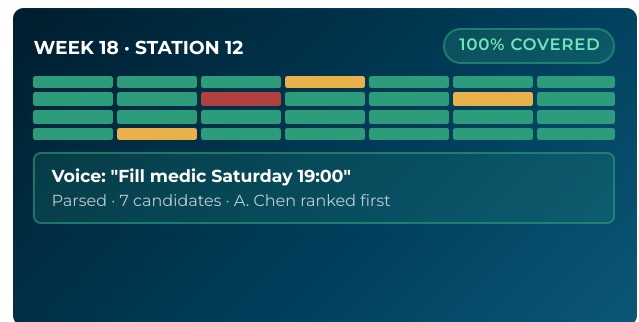
Open shift in, ranked list out. Every candidate carries the score, the reasons, and the rule checks that passed — explainable by design.



## 04

### Schedule Grid & Voice AI

Two-week grid with day, week, and month views. "Find a paramedic for tonight" — the voice command parses, the engine ranks, you confirm.



THE AI LAYER · BUILT INTO EVERY MODULE

FROM PULSE TO PERFORMANCE

# AI that explains itself, every time.

Eight places the AI engine works for you — every output is auditable, every rule check is logged.

## 01 · SHIFT FILL

### AI candidate ranking

Deterministic scoring across qualifications, fatigue, fairness, OT exposure, commute, and CBA tie-breakers — with the reasons attached.

*Powered by the in-house scoring engine; AI Gateway logs every call for cost & audit.*

## 02 · SWAPS

### Swap partner suggestions

When a crew member posts a swap, the engine surfaces only partners who pass every rule — and shows what it checked.

*Same scoring backbone as fill; swap-specific weights for fairness and reciprocity.*

## 03 · COVERAGE

### Coverage forecasting

72-hour and 14-day forecasts highlight under-staffed windows so you can pre-fill instead of patch.

*Demand history table + recurring schedule templates + open requests.*

## 04 · FATIGUE

### Three-layer fatigue scoring

Structural (schedule pattern), Live (real-time alertness with sleep / wakefulness / circadian model), Overall (weighted). Hourly projection per crew member.

*Canonical fatigue model in **fatigue-core**; commute is a first-class input.*

## 05 · VOICE

### Voice command parsing

"Find a flight nurse for tomorrow night" — natural language to a structured intent the rules engine can validate.

*OpenAI for transcription & intent parsing via the AI integrations proxy; user always confirms.*

## 06 · IMPORT

### AI schedule import

Snap a photo of your old paper or whiteboard schedule. The AI extracts crew, dates, times, and positions — you review before it commits.

*GPT-4 Vision via the AI Gateway; image upload (PNG / JPG / WebP); every parsed row is editable before save.*

## 07 · COMMUTE

### Smart on-call proximity

Live commute time via Google Maps factored into on-call recommendations and last-minute fills — closer is not always better, fatigue still wins.

*Distance Matrix + Places Autocomplete + geocoding cached server-side.*

## 08 · INSIGHTS

### Executive overtime & OT insights

Where is OT going, who is carrying it, and what would tonight's decision do to next week's budget. Surfaced before you sign off.

*Pay rules engine + audit log; cost rolled forward against demand.*

## Ready to see it run on your schedule?

30-minute live walkthrough on your data. Trust pack and DPA template available on request.

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