Indian Foundation For Quality Management

Daily Work Management

A digital tool to make shopfloor performance visible, every single day.



Redefining Quality

Why Daily Work Management?

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WHY WE ARE DOING THIS

- **Production | Downtime | Quality | Safety | Delivery**
- **Multiple manual formats and disconnected records**
- **Difficult to track real-time performance across management layers**

The Result:

- **One view of shopfloor data**
- **Spot issues & act faster**
- **Improve profitability**

Objective:

Real-time visibility from Operator to Plant Head - performance, problems & actions.

WHAT CHANGES WITH DWM

CHALLENGE TODAY	WITH DWM
✕ No shopfloor visibility	✓ A single real-time dashboard
✕ Manual paper & spreadsheets	✓ Structured digital capture
✕ Reactive firefighting	✓ Proactive, KPI-led management
✕ Weekly / monthly reports	✓ Faster, data-driven decisions

What is Daily Work Management?

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DWM: Consistent daily execution that maintains standards and drives continuous improvement (Kaizen)

Planning

Set objectives, define tasks & timelines, and allocate resources effectively.

Organizing

Standardize procedures, clarify roles & responsibilities, and ensure clear communication.

Monitoring

Monitor performance, identify deviations, and take corrective action.

How it works

Define Target › Capture shopfloor data › Monitor KPIs in real time › Escalate issues automatically › Drive continuous improvement

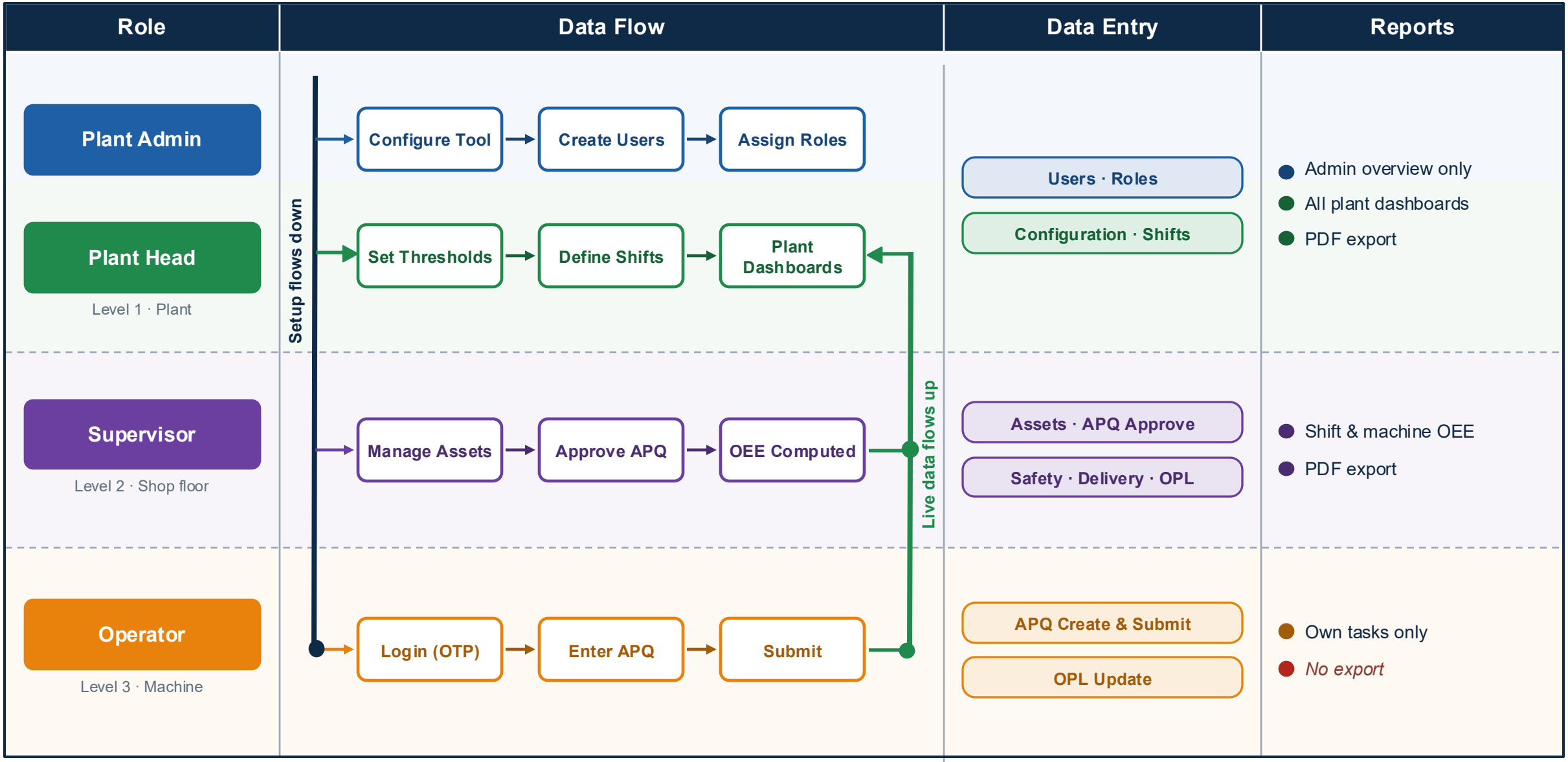
PROVEN VALUE OF LEAN DAILY MANAGEMENT

~15% operational efficiency

~10% improvement in profit margin

Role-Wise Data Flow, Data Entry and Reports

Four user levels, the steps each performs, and how data moves between them



Setup and configuration flow downward · operational data and KPIs flow upward, stopping at the plant boundary — Platform Admin never sees production data.

High-Level System Architecture

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Frontend

React — responsive, role-based UI

Backend / API

Node.js + Express REST server

Database

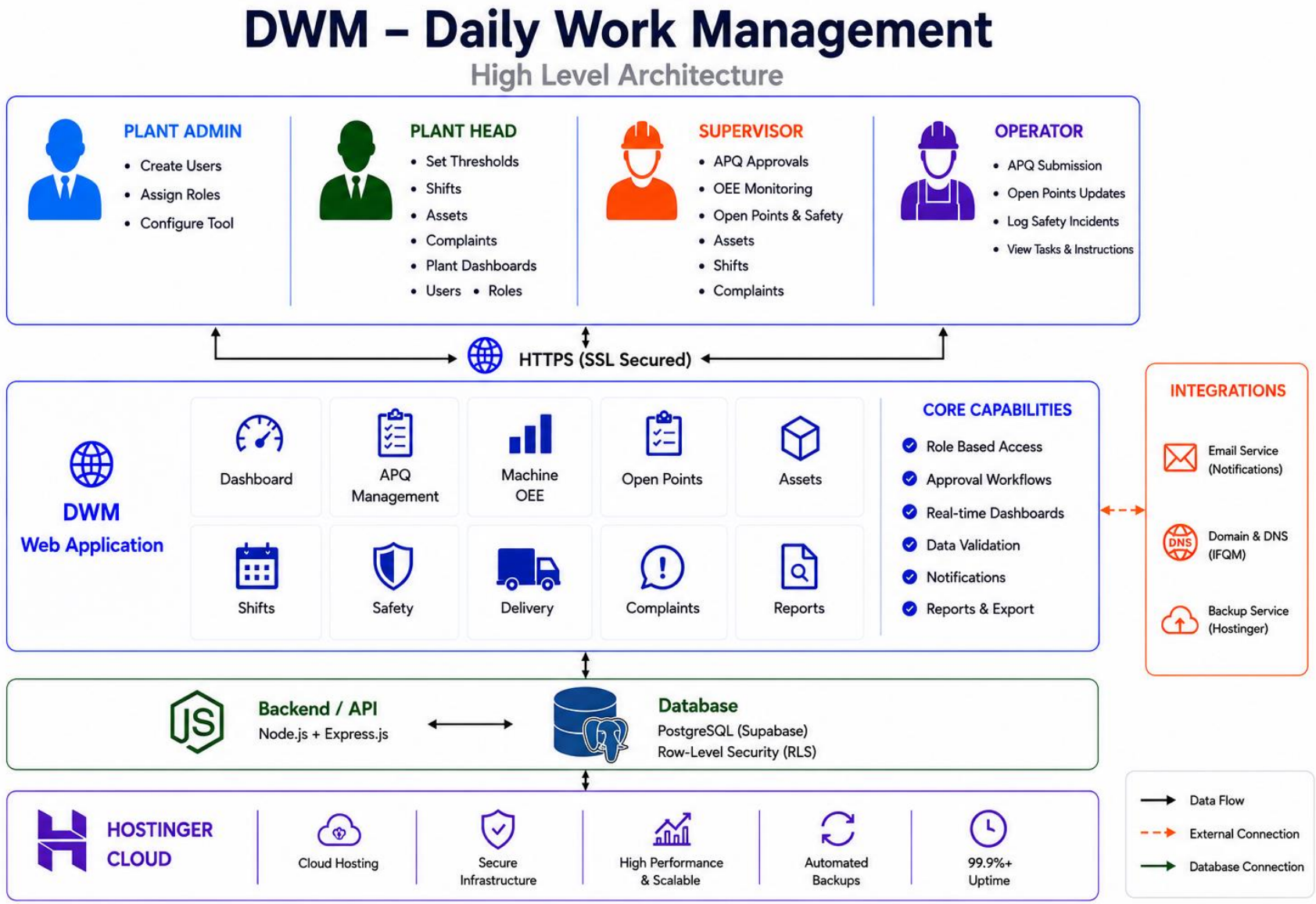
PostgreSQL (Supabase) with RLS

Hosting

Hostinger Cloud · 99.9%+ uptime

Security

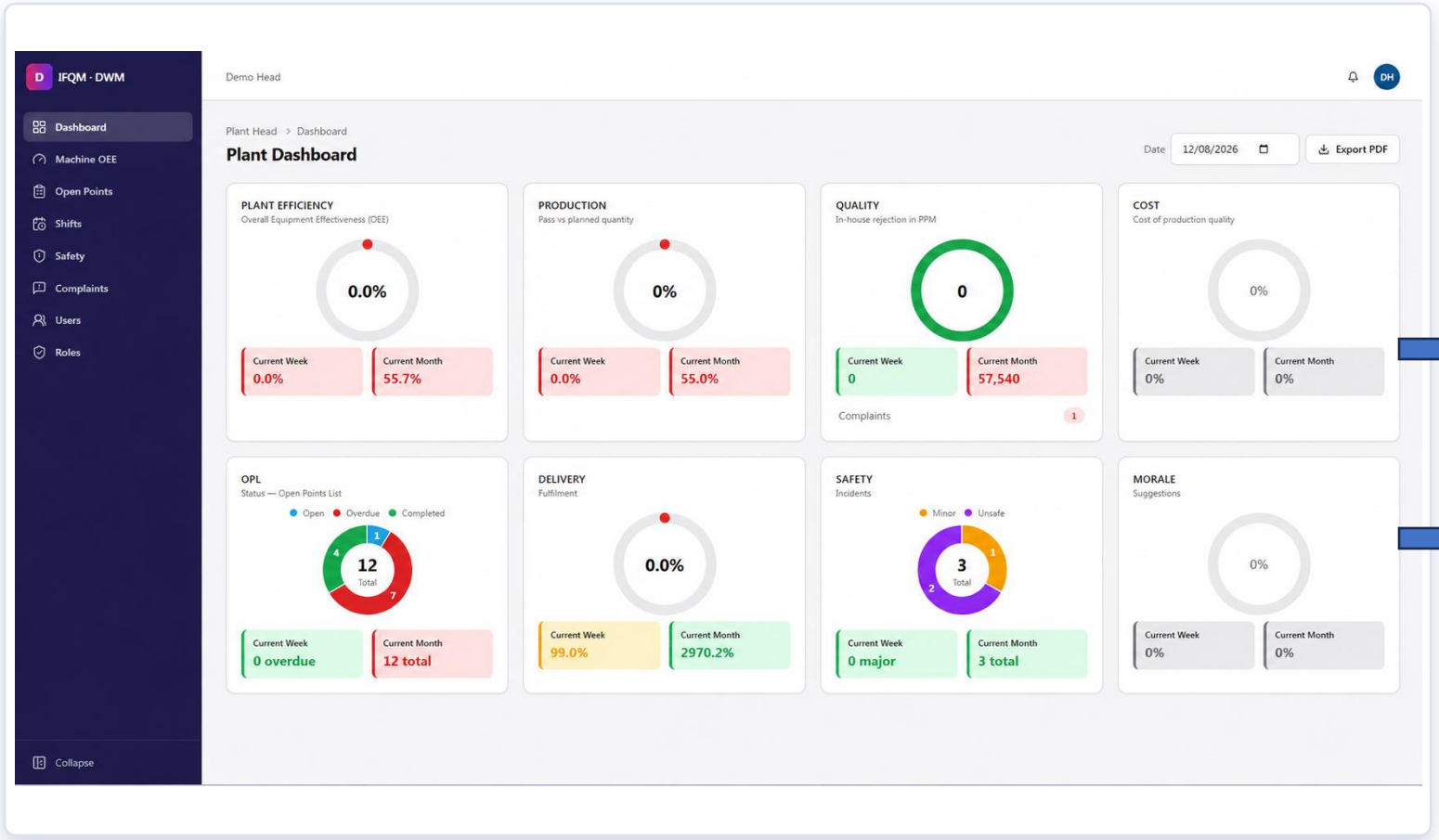
HTTPS/SSL · JWT · multi-tenant



Redefining Quality

Plant Head Dashboard

The Plant Head sees the whole plant on one screen: OEE, production, quality, cost, open points, delivery, safety and morale.



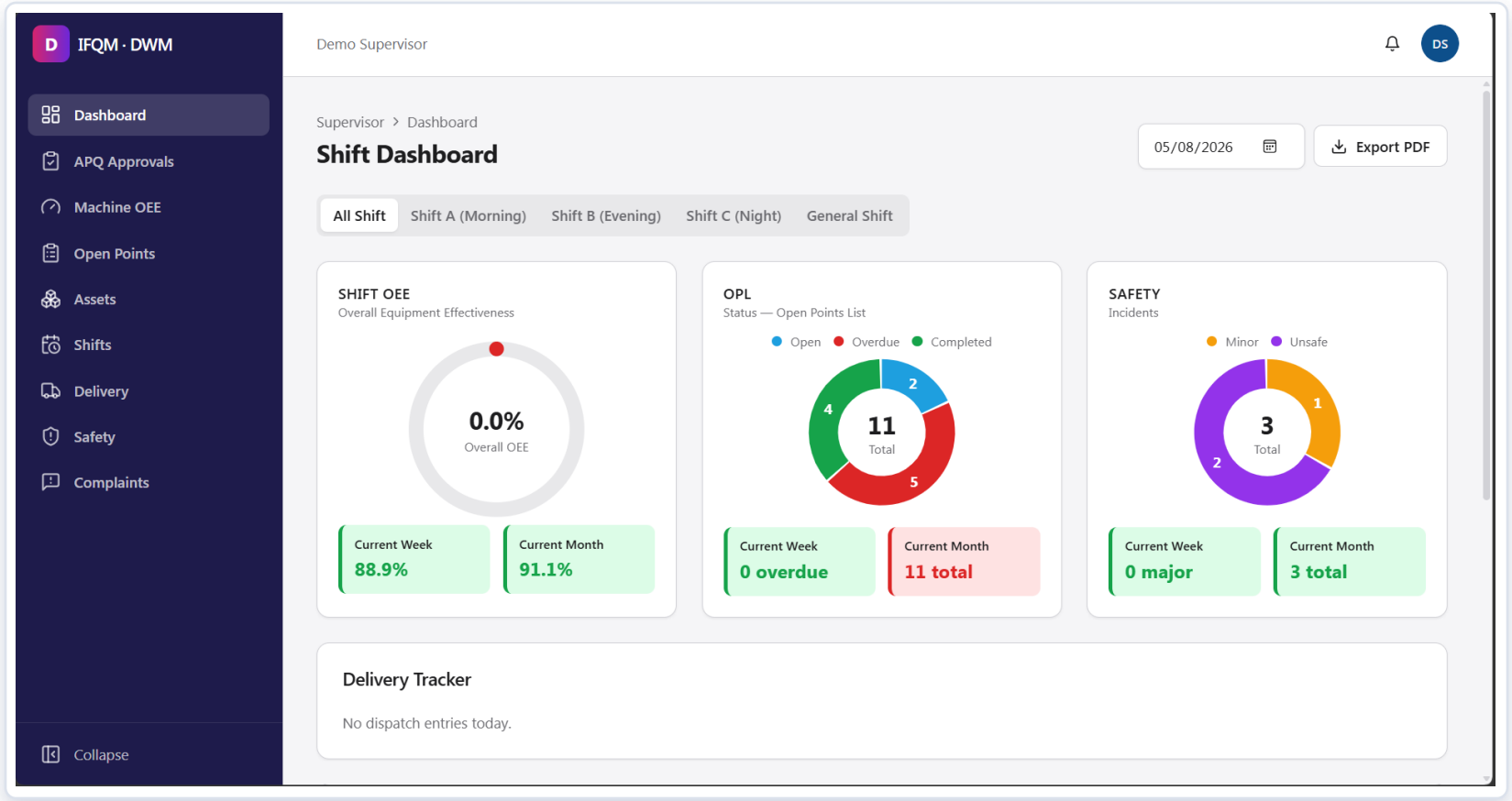
COST & MORALE will be implemented in the next phase

AT A GLANCE

- **Real-time KPIs**
- **Open Points**
- **Safety & Delivery**
- **Week vs Month**

Supervisor Dashboard

The Supervisor monitors the shift and keeps the day on track.



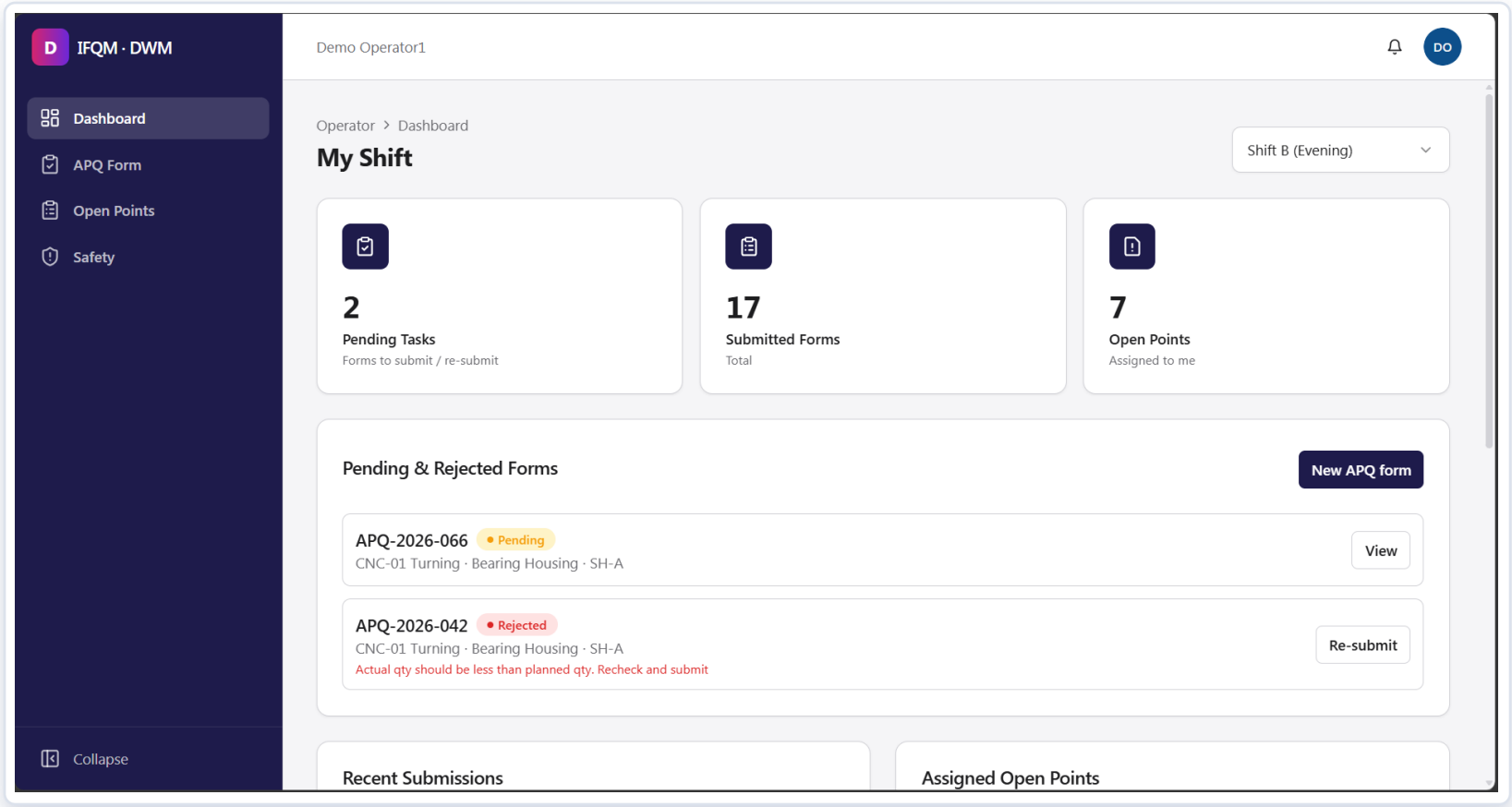
WHAT THIS ROLE DOES

- **Shift OEE monitoring**
- **Open Points management**
- **APQ approvals**
- **Safety & delivery oversight**

Operator Dashboard

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A simple, mobile-friendly view — the shift is detected automatically at login.

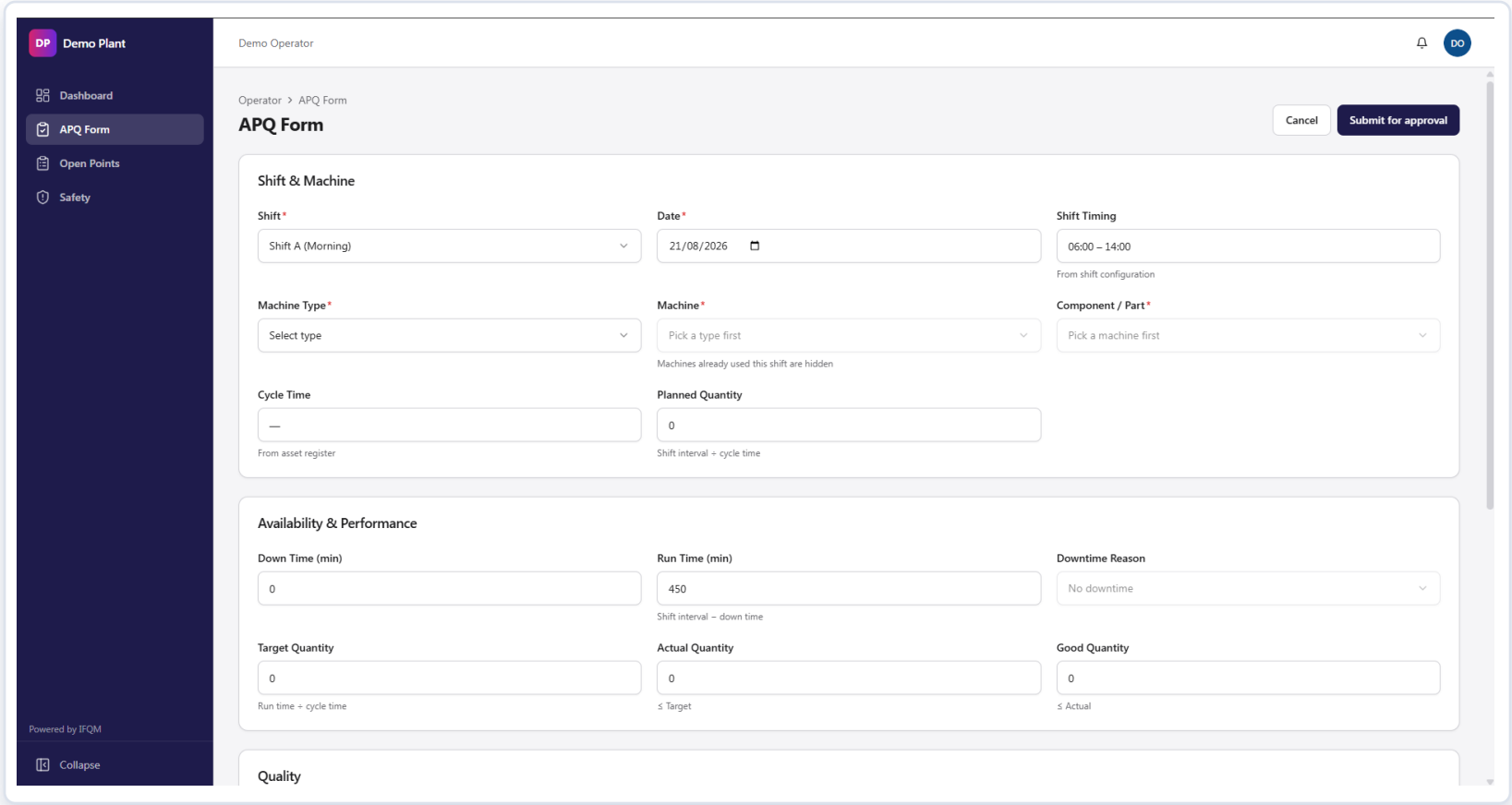


WHAT THIS ROLE DOES

- **Submit APQ forms**
- **Track pending / rejected**
- **Update open points**
- **Log safety incidents**

APQ Form

A guided form captures shift, performance and quality data before submission.

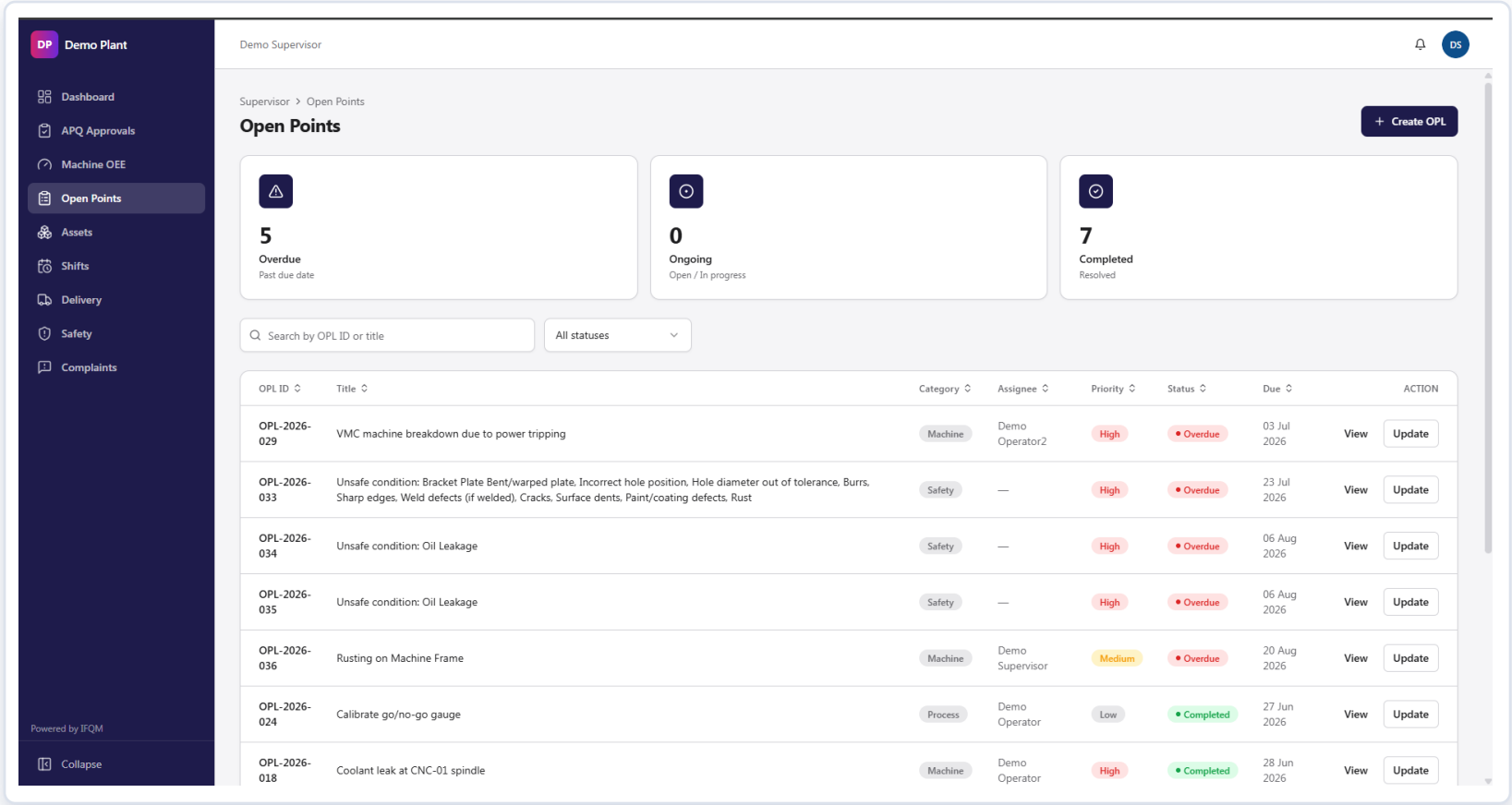


WHAT THIS FORM CAPTURES

- **Shift & machine details**
- **Runtime & downtime inputs**
- **Quantity & quality results**
- **Submit for approval**

Open Point List

A single view tracks overdue, ongoing and completed actions across the plant.



WHAT THIS VIEW ENABLES

- **Status summary**
- **Search and filter actions**
- **Track priority and due dates**
- **View and update open points**

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Thank You



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