

FleetOS

Mission control for modern fleets.

01 Overview

FleetOS connects vehicles, devices, sensors, SIM/eSIM connectivity, drivers, operations, maintenance, safety, fuel and AI into one operating environment. It is more than a telematics dashboard: it is mission control for your fleet, with connectivity intelligence built to CMP grade.

One operating environment

Vehicles, devices, SIMs and drivers in one place.

Connectivity you can see

Transaction-level SIM/eSIM diagnostics.

AI with accountability

Confidence scores and human-in-the-loop control.

02 Key capabilities



Live fleet map

Real-time tracking, geofences, routes, traffic layers and heatmaps.



SIM/eSIM lifecycle

ICCID-level inventory, eSIM transactions and network health.



AI Copilot

Predictive maintenance, fuel anomalies and safety scoring.



Maintenance intelligence

Vehicle health scores, work orders and predictive alerts.



Workflow automation

No-code rules engine with escalation and AI decisions.



Multi-tenant enterprise

RBAC, SSO, audit logs, white-label, 1M+ asset scale.

03 Core module groups

**Operations**
Live map, trips, dispatch, alerts

**Fleet**
Vehicles, drivers, devices, assets

**Connectivity**
SIM/eSIM lifecycle and network health

**Maintenance**
Health scores and work orders

**Safety**
Risk scoring, incidents, coaching

**AI & Intelligence**
Copilot and predictive agents

04 Architecture

**Physical assets** Vehicles, trailers, containers · Drivers and equipment

**Connectivity** SIM / eSIM (ES2+ / SM-DP+) · Network health and roaming

**IoT core** MQTT ingestion, Kafka event bus · Device lifecycle and OTA

**Digital twin** Vehicle ↔ device ↔ SIM ↔ driver graph · Real-time telemetry

**AI** Predictive maintenance, fuel, safety · Connectivity intelligence agents

**Automation** No-code workflows and alerts · App, email, SMS, webhook

05 Technical specifications

FRONTEND	React + TypeScript, Next.js, Mapbox live maps
REAL-TIME	WebSocket streaming, Redis cache and streams
DATA & EVENTS	PostgreSQL data store, Kafka event bus
IOT PROTOCOL	MQTT; device provisioning, OTA firmware and configuration push
CONNECTIVITY	SIM/eSIM lifecycle management on the ES2+ / SM-DP+ standard
PLATFORM	Kubernetes orchestration, multi-tenant architecture, SOC 2-ready
IDENTITY	SSO / SAML, RBAC, audit logs
LOCALISATION	Arabic RTL and i18n
SCALE	Built for 10,000 to 1M+ connected assets

06 Where it fits

Fleet & Logistics

Delivery networks

Telecom field operations

Utilities

Government fleets

See FleetOS on your operations.

Book a live demo at axiteq.com/request-demo.html

 Denver (USA)  Riyadh (KSA)  Islamabad (PK)  Cairo (EG). Specifications may change.

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