Acconod
AGRICULTURE

SMART DIGITAL FARMING MANAGEMENT

Manage your vehicles, Fields , tasks and operations from one intelligent platform.

- Live Fleet Tracking
- Field Management
- Operation Planning
- Report & Analysis
- AI-Powered Agriculture





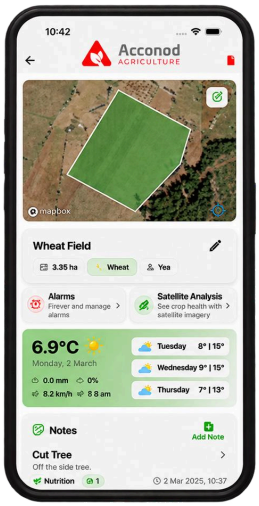


MAKERSAN

WHAT IS ACCONOD *AGRICULTURE?*

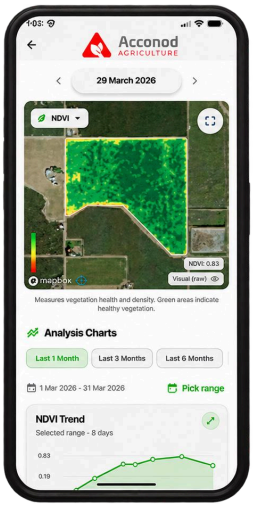
Acconod Agriculture is a smart digital farming platform designed to help agricultural businesses manage vehicles , fields , task, teams and operational data from a single digital environment .

It gives farm managers real time visibilty over field activities and helps teams plan, monitor and optimize daily operations.



Field Mapping

Define and manage your production areas digitally.



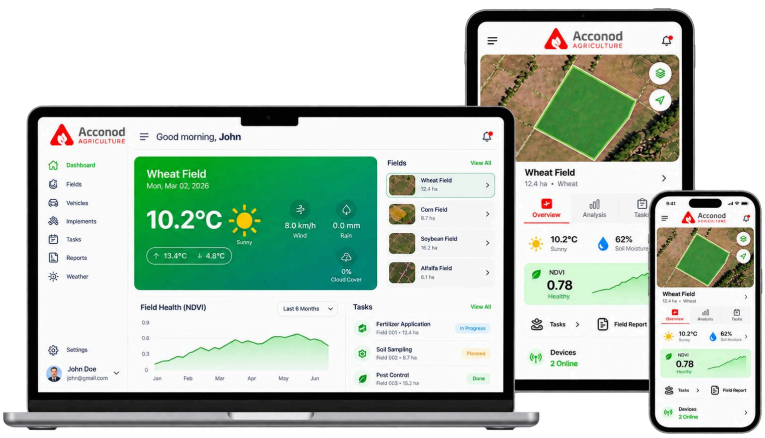
Satellite Analysis

Monitor field health and vegetation changes with visual data.



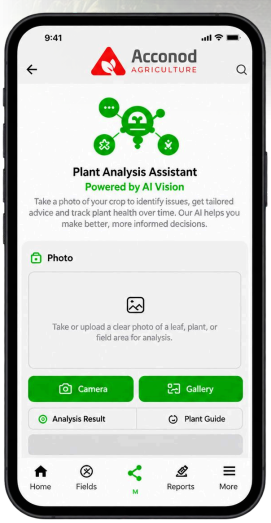
Weather Insights

Plan operations with real-time weather and field condition data.



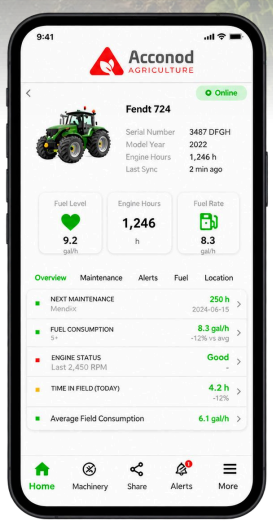
Multi-Device Access

Access Acconod Agriculture from web, tablet and mobile devices wherever you are.



AI-Powered Support

Get smart assistance for plant analysis, field notes and operational guidance.



Fleet & Asset Management

Manage vehicle details, maintenance status, usage data and field readiness.

FROM FIELD DATA TO SMART DECISION

WHAT IS THE MO 720 TELEMETRY DEVICE?



CANBUS Data Reading
Read ECU data, motor diagnostics, fault codes and fuel consumption data.

Cellular Connectivity
Ensure reliable data transmission via 2G/3G/4G connectivity.

Live Location Tracking
Monitor location,speed,mileage and vehicle movement through GNSS.

I/O Support
Enable broad integration through digital/analog inputs, digital outputs and pulse inputs.

WiFi LoRa

DATA SOURCES

Soil & Water Sensors
Moisture, EC, pH, Pressure, Flow Rate

Weather& Satellite Data
Weather Station, NDVI,NDMI,NDWI

Greenhouse & Actuator Systems
Climate Control, Irrigation, Valves, Pumps

Tractor & Implement Data
CAN/J1939, GPS, IMU, Diagnostics

EDGE LAYER

Iot Gateway / Edge Controller



- Battery Charging
- NB-Iot / LTE-M / LoRa
- Wi-Fi / BLE Connectivity
- CAN BUS & Local I/O
- Local Rules & Fail-Safe Control

ACCONOD CLOUD

Device Management

Analytics & Alerts

- Data Storage
- Processing
- Reporting
- Ai Analysis

APPLICATIONS

Farm App
Maps, Alert , Tasks, Recommendations

Smart Solutions
Valves, Pumps, Greenhouse Controls

OEM Fleet Portal
Service, Diagnostics, OTA Updates

Insurance Module
Risk Scoring, Claims API

CLOUD PLATFORM

Collect Connect Control

- Data Ingestion & Storage
- Data Processing
- Analytics&AI Engine
- Alert&Notifications
- APIs & Integrations

DATA SOURCES

Acconod Agriculture connects multiple data sources from across the field to turn complex data into actionable insights.



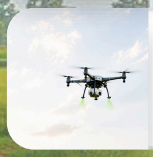
MAKERSAN MO 720 TELEMETRY
Vehicle location,CANBUS data, Working hours and machine activity.



SOIL & WATER SENSORS
Soil moisture,EC,pH and irrigation related measurements.



3RD PARTY CLIMATE STATIONS
Temprature,humidity,rainfall,wind and disease risk data.



IOT FIELD DEVICES
Gateway,irrigation controllers,greenhouse systems and other connected equipment.

KEY MODULES

Satellite Live Map

- View active vehicles, processed areas, planned operations and drone activities on an interactive map.

Field Management & Alert

- Define agricultural areas on the map, manage field boundaries and plan operations for each production area.

Drone & Area Monitoring

- Use drone-supported field visibility to monitor large areas, processed zones and operational progress.

Task & Operation Management

- Create tasks, assign vehicles and teams, follow progress and keep daily operations organized.

Weather Station

- Real-time climate data to monitor conditions, plan field operations and make smarter decisions.

Ai Reports & Analytics

- Analyze vehicle usage, field performance, task progress and operational efficiency with clear reports.

Vehicle Management

- Add tractors, harvesters and other vehicles to the system. Track their status, usage and operational details.

Weather & Field Conditions

- Follow weather updates and field indicators to support better planning and timely decisions.

Maintenance & Service

- Manage maintenance schedules, monitor vehicle readiness and reduce operational downtime.

Team Coordination

- Keep vehicle operators, field teams and managers aligned through a centralized operation flow.

Key Benefits

Real-Time Visibility

See everything as it happens across your fields and fleet.

Better Coordination

Keep teams, vehicles and operations aligned from one platform.

Improved Efficiency

Reduce delays, optimize resources and get more done every day.

Smarter Decisions

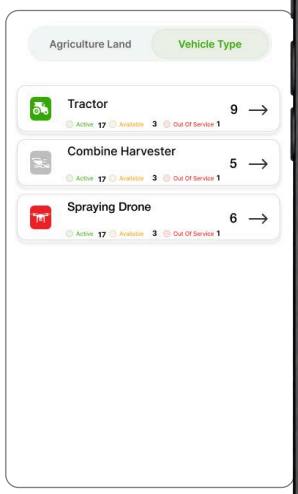
Use data and insights to plan better and act with confidence.

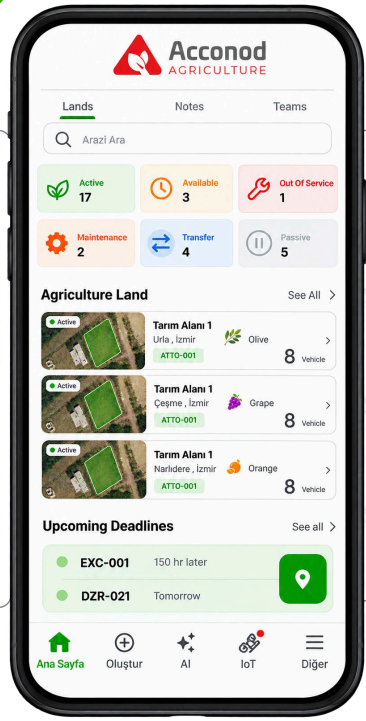
MORE SCREENS

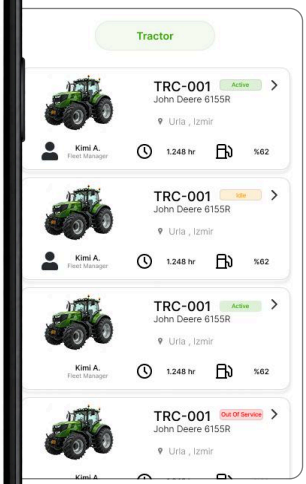
FARM OVERVIEW
Monitor fields, vehicles, alerts and upcoming tasks from one central screen.

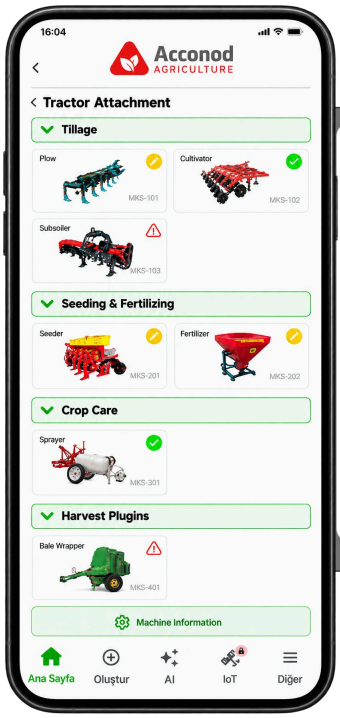
VEHICLE CATEGORIES
Organize tractors, harvesters and drones by type for easier fleet control.

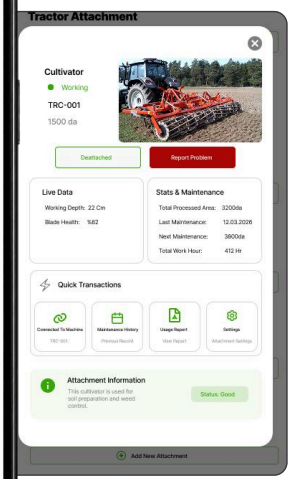
FLEET TRACKING
Track vehicle status, location and operational readiness in real time.

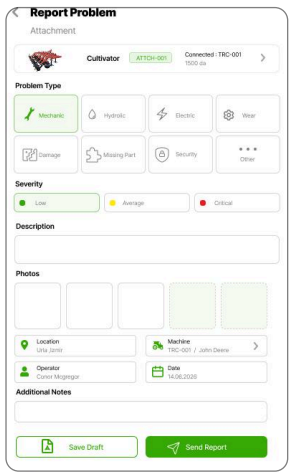












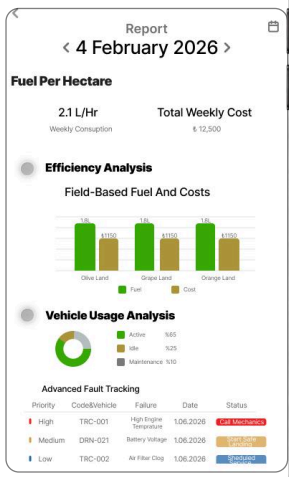
ATTACHMENT LIBRARY
Manage tractor attachments, seeders, sprayers and field equipment in one place.

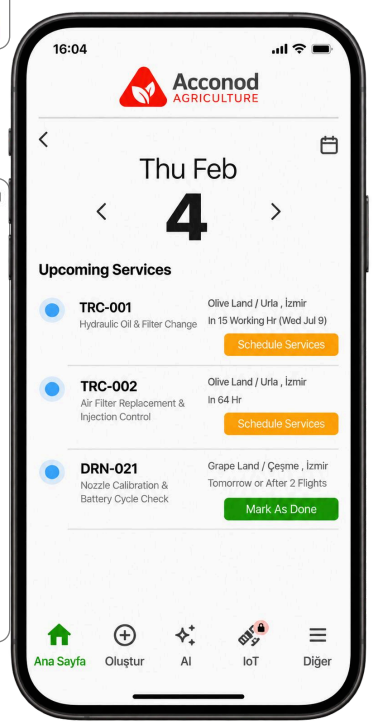
EQUIPMENT DETAILS
Review attachment information, service history and maintenance status instantly.

ISSUE REPORTING
Report field, vehicle or equipment problems with photos and detailed notes.

SERVICE SCHEDULE
Follow upcoming maintenance tasks and keep vehicles ready for operation.

SERVICE REPORT
View completed maintenance,inspection notes and service history.





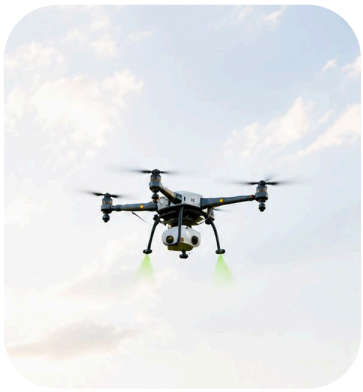
PROCESSES YOU CAN MANAGE WITH ACCONOD *AGRICULTURE*



Vehicle Tracking
Monitor agricultural vehicles in real time.



Field Planning
Define and organize agricultural areas digitally.



Task Assignment
Assign tasks to teams and vehicles.

Progress Monitoring
Track how much work has been completed.



Maintenance Follow Up
Keep vehicles ready for operation.



Alert Managment
Stay informed about critical situations.

Reporting
Analyze performance and operational data.

THE VALUE ACCONODFARM BRINGS

Less Manual Tracking
Reduce paper based field tracking and fragmented communication.

More Control
Keep vehicles, teams and operations under one digital structure.

Faster Decisions
access real time information when operational decisions are needed.

Resource Usage
Use vehicles, time and field resources more efficiently.

Scalable Structure
Manage multiple fields, vehicles and teams as your operation grows.