

# Every Field. Every Acre. Tracked.



## Smart Agri-Asset Intelligence by Vanix Technologies

DigiKhet is an IoT-powered telematics and asset intelligence platform built for tractors, harvesters, power weeders, rotavators, seeders, and agricultural implements.



Live  
Tracking



Predictive  
maintenance



Smart  
Diagnostics



Asset  
Intelligence

Real Time Insights  
Smart Operations  
Connected Future

ABOUT DIGIKHET

# Connected Intelligence for Modern Agri Assets.

DigiKhet is a smart agri-asset monitoring platform designed to give real-time visibility, control, and operational intelligence across agricultural machinery and equipment.

Built for Indian field conditions, DigiKhet helps farmers, OEMs, fleet operators, and agri-businesses monitor machine activity, improve asset utilisation, reduce downtime, and make faster operational decisions.

Whether it's a tractor, harvester, weeder, rotavator, or implement, DigiKhet transforms every machine into a connected asset accessible through a centralized dashboard and mobile platform.



know where your machines are, how they're performing, and when they need attention.

## Key Capabilities



Real-Time Location Tracking



Usage & Operational Monitoring



Predictive Maintenance Alerts



Vehicle Diagnostics & Insights



Geofencing & Movement History



Dashboard & Mobile Access

**INDUSTRY CHALLENGES**

# Limited visibility creates operational risk.

Agricultural machinery often operates across remote and distributed environments where real-time monitoring is difficult. Without reliable field data, businesses depend on delayed updates, manual reporting, and assumptions.

## Common Challenges



Unexpected equipment downtime



Poor asset utilisation



Rising service and warranty costs



Limited visibility in remote locations



Unauthorised asset movement



Delayed maintenance response



Difficulty verifying subsidy and insurance usage

## Why Real-Time Monitoring Matters



### Reduce Downtime

Detect issues before failures disrupt operations.



### Improve Utilisation

Track how assets are being used across locations.



### Increase Accountability

Monitor movement, deployment, and operational activity.



### Enable Smarter Decisions

Use real-time insights instead of manual reporting.

# DigiKhet

By Vanix Technologies

## BUILT FOR INDIAN FIELD CONDITIONS

# Rugged. Reliable. Field-Ready.

DigiKhet is engineered for demanding agricultural environments where dust, vibration, heat, rain, and inconsistent network coverage are common.



## BUILT FOR HARSH ENVIRONMENTS



### IP-Rated Hardware

Rugged and durable design for long-term field deployment.



### Multi-Network Connectivity

4G LTE with fallback support for remote and rural conditions.



### Offline Data Storage

Stores operational data locally when network is unavailable.



### Plug-and-Play Deployment

Quick installation and simplified scaling across multiple assets.



### FOTA Updates

Remote firmware updates without physical servicing or recalls.



### Backup Battery Support

Tracking continues even during temporary power interruptions.

## Key Capabilities



### Deep Sleep Power Mode

Optimized power management during long idle periods.



### Ignition-Based Wake-Up

Automatically activates when machine operation begins.



### Local Alert Processing

Critical alerts continue even during connectivity gaps.



### Intelligent Data Filtering

Reduces unnecessary data transfer for better efficiency.



Engineered to perform. Built to last.  
Because agriculture never stops.

ONE PLATFORM. MULTIPLE MACHINES.

# Designed for the entire agricultural **equipment ecosystem.**



## Tractors

Track location, operating hours, diagnostics, and field activity.



## Harvesters

Monitor productivity, operational status, and seasonal deployment.



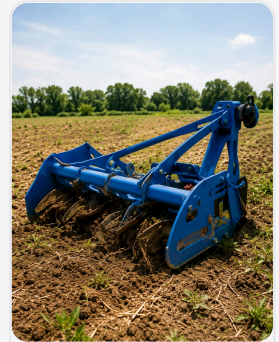
## Power Weeders

Track field usage and distributed operations efficiently.



## Rotavators & Seeders

Verify deployment, movement, and operational coverage.



## Implements & Attachments

Monitor non-powered and semi-powered agricultural assets.

## BUILT FOR



### Agricultural OEMs

Enable connected services and remote support.



### Fleet Operators

Improve visibility and operational efficiency.



### Farmers & Custom Hiring

Increase productivity and reduce downtime.



### Agri-Enterprises & FPOs

Make data-driven decisions with confidence.



### Insurance & Financing Partners

Verify usage, reduce risk, and streamline claims.



One platform.  
Complete visibility.  
**Stronger operations.**



Real-time  
Visibility



Stronger  
Control



Better  
Utilisation



Lower  
Downtime

## HOW DIGIKHET WORKS

# From machine data to actionable intelligence



1

### Smart Device Installation

Industrial-grade IoT sensors deployed directly onto hardware and field machinery.

2

### Data Collection

Continuous telemetry gathering including GPS, moisture, and engine diagnostics.

3

### Edge Processing

Localized computation filters noise and prepares critical data points for transmission.



4

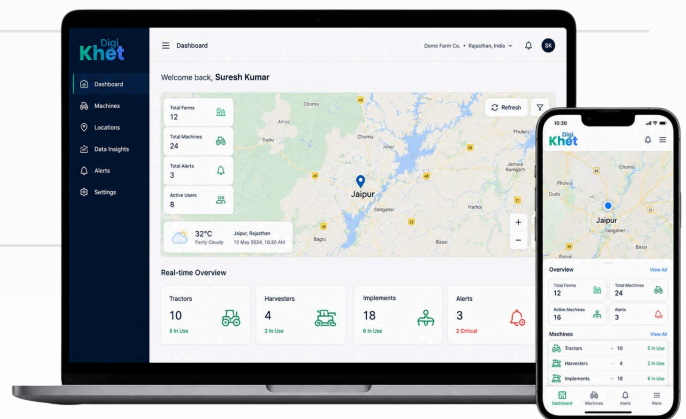
### Cloud Connectivity

Secure, low-latency uplink via cellular or satellite constellations to DigiKhet Core.

5

### Dashboard & Mobile Access

Unified visibility across all assets through a seamless digital experience.



6

### Alerts & Integrations

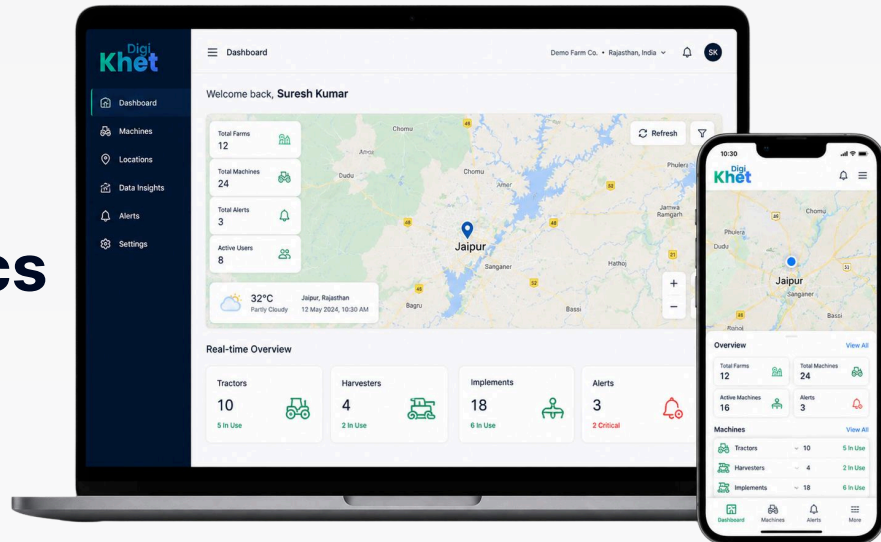
Automated triggers and API hooks into existing farm management software.



DigiKhet converts field activity into measurable **operational intelligence**.

## 24/7 SMART MONITORING

# Monitor the metrics that matter.



### Live Location Tracking

Track the real-time location and movement of agricultural machinery and implements.



### Productivity Insights

Track operational hours, idle time, and field activity for better planning.



### Vehicle Health & Diagnostics

Monitor machine health, ignition status, operational behaviour, and diagnostic information.



### Geofencing & Movement Logs

Create virtual boundaries and receive alerts for unauthorised movement or usage.



### Predictive Maintenance

Receive early alerts for service requirements before operational failures occur.



### Compliance & Verification

Support warranty, insurance, financing, and subsidy verification using reliable operational data.



### Asset Utilisation Analytics

Understand deployment patterns, machine usage, and operational efficiency.



### Platform Integration

Integrate DigiKhet data into enterprise systems using APIs, MQTT, and HTTP support.

Real Time Insights

Smart Operations

Connected Future

**Connect Today.  
Optimise Every Acre.  
Lead Tomorrow.**



**Trusted By Forward-Thinking Businesses**

Let's build a connected  
agriculture ecosystem.  
**Together.**



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