

NextSense Fleet Intelligence System

Smart Monitoring for Modern Fleet Operations

Gain complete visibility into fleet performance, fuel consumption, equipment utilization, and operational activities through a unified Industrial IoT platform.

KEY BENEFITS

- ✓ Reduce Fuel Consumption
- ✓ Prevent Fuel Theft
- ✓ Monitor Fleet Operations
- ✓ Improve Equipment Utilization
- ✓ Increase Fleet Visibility

FLEET OVERVIEW

TOTAL ASSETS
128

TOTAL FUEL TODAY
12,560 L

TOTAL DISTANCE
15,230 km

ONLINE
96 75 %

ALERTS
8

IDLE TIME
432 h



FUEL CONSUMPTION (L)



EQUIPMENT UTILIZATION



FUEL
MONITORING



GPS
TRACKING



ENGINE
MONITORING



EQUIPMENT
UTILIZATION



SECURITY &
ALERTS



ANALYTICS &
REPORTING

Challenges in Fleet Operations

COMMON CHALLENGES



1 Fuel Theft & Fuel Loss



2 Idle Equipment



3 Lack of Fleet Visibility



4 Unauthorized Usage



5 Equipment Downtime



6 Rising Operational Costs

BUSINESS IMPACT



Higher Fuel Cost



Lower Equipment Utilization



Increased Operational Risk



Reduced Productivity



Delayed Decision Making



Lower Profitability



What is Fleet Intelligence System?

NextSense Fleet Intelligence System is an Industrial IoT platform designed to monitor fleet operations, fuel consumption, equipment utilization, and asset performance.

MONITOR EVERYTHING THAT MATTERS



Fuel
Consumption



Fuel Tank
Levels



GPS
Location



Engine
Parameters



Equipment
Utilization



Idle
Time



Driver
Behavior



Fleet
Status



Maintenance
Events



Operational
Alerts



Key Capabilities

Powerful features to monitor, analyze, and optimize your fleet operations in real time.



Fuel Monitoring

Monitor fuel consumption, fuel tank levels, refueling activities, and detect fuel theft or abnormal fuel usage.

Fuel Level

72%



Fuel Consumption (L)

2,560 L



Fleet Tracking

Track real-time location, route history, geofence zones, and ensure complete visibility of your fleet.



Equipment Monitoring

Monitor engine parameters, machine health, utilization, and performance to maximize equipment productivity.



Driver Behavior Monitoring

Analyze driving behavior such as overspeeding, harsh braking, and rapid acceleration to improve safety and efficiency.

Driver Score

85 /100



	Overspeeding	2 Event
	Harsh Braking	3 Event
	Rapid Acceleration	1 Event
	Idle Time	1h 20m



Alarm & Notification

Receive real-time alerts and notifications for critical events to enable faster response and minimize operational risks.



Fleet Intelligence System Architecture



1 DATA COLLECTION

Collect data from fleet assets



2 DATA TRANSMISSION

Securely transmit data via IoT gateway

3 CONNECTIVITY

Reliable connectivity anywhere

4 CLOUD PLATFORM

Process, store, and analyze in the cloud

5 ACTIONABLE INTELLIGENCE

Deliver insights for better decisions

Dashboard & Analytics

Real-time insights. Smarter decisions. Better operations.



Fleet Overview

At-a-glance summary of your entire fleet performance.



Live Asset Status

Real-time monitoring of asset location, health, and status.



Fuel Analytics

Track fuel consumption, levels, trends, and efficiency.



Equipment Utilization

Monitor utilization rate, productive hours, and idle time.



Historical Trends

Analyze historical data and identify patterns over time.



Operational Reports

Generate detailed reports for better operational visibility.



Alarm Center

Centralized alerts and notifications for critical events.



Executive Dashboard

High-level KPIs and insights for strategic decision making.



Real-time Visibility



Data-driven Decisions



Operational Efficiency



Risk Reduction



Lower Operating Costs

Business Impact

Deliver measurable operational and financial benefits
across your fleet operations.



**Reduce
Fuel Costs**



**Improve
Asset Utilization**



**Reduce
Idle Time**



**Prevent
Fuel Theft**



**Improve
Operational Efficiency**



**Increase
Fleet Visibility**



Lower Costs



Higher Productivity



Better Decisions



Stronger Performance

Why NextSense



Mining-Focused Solution



Built specifically for mining operations and heavy equipment challenges.



Industrial IoT Platform



Robust, secure, and reliable platform designed for industrial environments.



Flexible Connectivity



4G / LTE



Satellite



Hybrid

Stay connected anywhere with multi-network and satellite options.



Scalable Architecture



Scales with your fleet from small to enterprise-wide deployments.



Real-Time Intelligence



Turn real-time data into actionable insights for faster and better decisions.



Built for Mining Operations



Secure & Reliable



Easy Integration & Deployment



Future-Ready Technology



Local Support, Global Standards

Ready to Transform Your Fleet Operations?

Discover how NextSense Fleet Intelligence System can help improve operational efficiency, reduce fuel costs, optimize asset utilization, and increase fleet visibility.



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Improve
Efficiency



Reduce
Fuel Costs



Increase
Asset Utilization



Enhance
Fleet Visibility