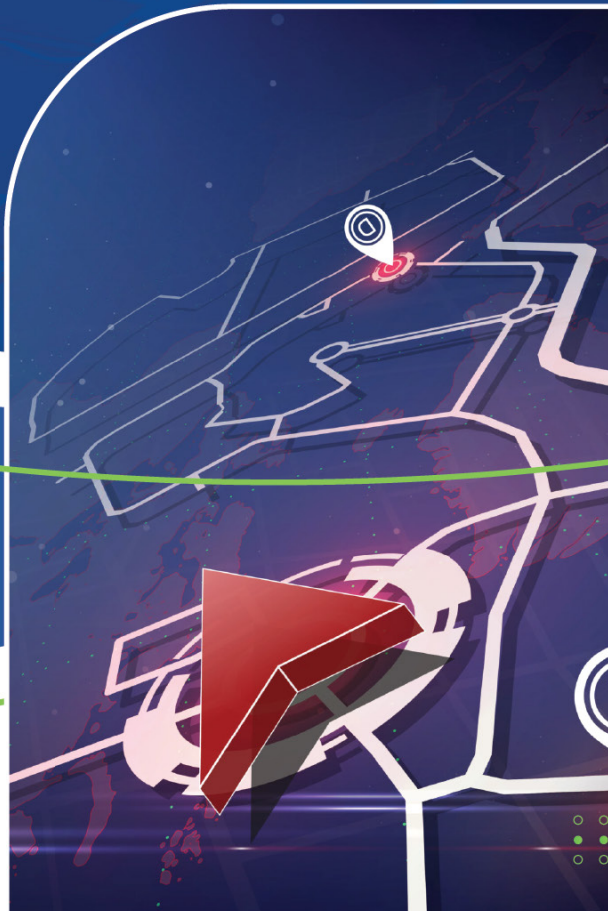




بيكسا لإدارة الأسطول PIXA FLEET MANAGEMENT



**LEADING
THE FUTURE OF FLEET MANAGEMENT
IN THE KINGDOM OF SAUDI ARABIA**

SMART, INTEGRATED SOLUTIONS WHERE EVERY KILOMETER DELIVERS

INTERACTIVE INDEX



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About the Company

- PIXA was founded on an ambitious vision to become a cornerstone in enhancing the transportation and logistics sector in the Kingdom of Saudi Arabia. With a deep understanding of the operational challenges companies face from rising costs to the difficulty of monitoring and control we developed innovative technology platforms that combine the latest Internet of Things (IoT) technologies with artificial intelligence for data analysis.
- We don't just offer traditional tracking services; we provide a comprehensive fleet management solution that includes performance monitoring, fuel management, preventive maintenance, and driver behavior optimization. With a team of local experts and reliable technology, we help our clients achieve tangible cost savings, increase productivity, and ensure the highest standards of safety for their assets and personnel. At PIXA, we don't just manage vehicles we empower the success of your business.





VISION

To be the leading company in transforming fleet management across the region into a smart, data-driven model where every journey is more efficient and safer.



MISSION

To deliver integrated and innovative technological solutions for fleet management that enable our clients to reduce costs, enhance operational efficiency, and ensure the highest safety standards supporting the sustainable growth of their businesses.



OUR GOAL

We believe that customer satisfaction and providing exceptional, professional after-sales service are the foundation for building long-term and lasting partnerships. For this reason, we rely on a team of specialized experts who work diligently to fulfill our mission and ensure your continuous excellence.



Challenges We Aim to Solve:

- Rising fuel and maintenance costs.
- Difficulty in tracking vehicles and employees in real time.
- Road accidents and non-compliance with safety standards.
- Inefficiency in route planning and order management.
- Rapid vehicle depreciation and lack of adherence to maintenance schedules.
- Lack of accurate reports for effective decision-making.



Our Services



- 01 Intelligent vehicle tracking and monitoring system.
- 02 Integrated solutions for load weight management.
- 03 Smart asset and inventory tracking.
- 04 Monitoring the cooling chain and environmental conditions.
- 05 Thermal mapping for warehouses and vehicles.
- 06 Remote vehicle health monitoring.
- 07 Route optimization using artificial intelligence.
- 08 Advanced safety system and driver performance assessment.
- 09 Management of electric and hybrid vehicle fleets.
- 10 Smart logistics platform for last-mile delivery.



OUR SERVICES





Intelligent Vehicle Tracking & Monitoring System

We offer an advanced tracking and monitoring solution powered by the latest Internet of Things (IoT) technologies and artificial intelligence, enabling you to manage your fleet efficiently and in real time. Our system provides:



Live and Accurate Monitoring

Real-time tracking of each vehicle's location on digital maps, along with live data such as speed, driving direction, engine status (on/off), and internal temperature.



Detailed Performance Reports & Smart Analytics

We automatically analyze trip data to deliver comprehensive reports on travel distances, idle times, delivery durations, and fuel consumption rates allowing you to precisely measure operational efficiency.



Geofencing Creation & Management

The ability to define virtual work zones for each vehicle and receive instant alerts when vehicles enter or exit these zones enhancing compliance and ensuring adherence to designated routes.



Trip History Playback

View the complete route of any trip taken within the last 90 days, with precise details such as stop points, duration, and recorded speeds. This feature assists in incident investigation and resolving customer complaints.



Integration with Other Systems

The system can be connected to fuel cards, in-vehicle surveillance cameras, and ERP systems to create a unified and fully integrated operational environment.



Customizable Dashboard

A user-friendly main dashboard displaying key indicators and events, fully customizable to match your management needs empowering fleet managers to make quick and informed decisions.



This service forms the core foundation from which all our other smart solutions are built. It is specifically designed to meet the needs of the Saudi market and the unique nature of its transportation and logistics operations.



Integrated Load Weight Management Solutions

We provide an advanced load weight management system powered by smart sensing technologies, specifically designed to ensure efficiency and safety in transportation operations through:



Real-Time and Continuous Weight Monitoring

Instant tracking of load weight during loading and while on the road using intelligent sensors connected to the system, with live data displayed directly on the map.



Automatic Overload Prevention

Immediate alerts sent to both the driver and fleet manager when the load approaches the maximum permitted weight helping prevent violations, safety risks, and operational issues.



Integration with Electronic Weighing Systems

Seamless integration with electronic scales at loading sites to accurately record weights and automatically match the data within the system.



Smart Analytical Reports

Monthly analytical reports that identify loading patterns, peak periods, and the most frequently transported cargo types enabling proactive decision-making.



Compliance with Local Regulations

Support for complying with weight regulations enforced in the Kingdom of Saudi Arabia, along with reports that document compliance for relevant authorities.



Optimizing Loading Operations & Reducing Costs

Recommendations for optimal load distribution to maximize available capacity, reduce the number of trips, and lower operational expenses.



This system enhances road safety, preserves vehicle integrity, and elevates operational efficiency within the transportation and logistics sector.



Smart Asset & Cargo Tracking Service

We provide a fully integrated system for tracking and managing assets, inventory, and cargo using the latest tracking technologies. The service includes:



Intelligent and Continuous Material Tracking

We utilize the latest RFID technologies and compact IoT tags to precisely identify the location of every item whether inside warehouses or during transport ensuring full, uninterrupted visibility of cargo movement.



Automated Inventory Management

Automatic updates of inventory levels when goods are loaded or unloaded, with alerts triggered when items reach predefined thresholds.



Smart Analytical Reports

Analysis of cargo movement patterns, storage durations, and the efficiency of internal transportation workflows.



Monitoring Storage & Transport Conditions

Continuous monitoring of temperature, humidity, and vibration for sensitive goods through advanced sensors.



Loss & Theft Prevention

Instant alerts when assets leave designated zones, along with reports on any unusual movement.



Visual Inventory Display

A graphical, easy-to-read interface showing inventory status and item locations on an interactive map.



Integration with Warehouse Management Systems

Direct integration with WMS and ERP systems for real-time and accurate data synchronization.



Delivery Verification

Confirmation of cargo receipt using scanning technologies and electronic signatures.



This service transforms supply chain management operations into a connected and intelligent system that ensures full transparency while reducing waste and losses.



Cold Chain Solutions & Environmental Condition Monitoring

We provide an advanced environmental monitoring system designed specifically for sensitive goods, offering:



Continuous Temperature & Humidity Monitoring

High-precision IoT sensors monitor environmental conditions inside transport vehicles and storage containers.



Early Warning System for Deviations

Instant alerts via SMS and email whenever temperature or humidity levels exceed predefined thresholds.



Compliance Reporting

Automated documentation of environmental data to demonstrate adherence to safety and health standards such as HACCP and ISO.



Automatic Data Logging

Continuous recording of environmental readings in secure, tamper-proof digital logs.



Trend & Pattern Analysis

Identification of potential risk points and environmental fluctuation patterns through analytical reports.



Integration with Tracking Systems

Linking environmental data with location tracking to correlate conditions with geographic positions.



Refrigeration Equipment Performance Monitoring

Monitoring the efficiency of refrigerators and cooling units, with alerts for any potential malfunctions.



End-to-End Cold Chain Coverage

Comprehensive monitoring across all stages of the cold chain from storage to transport to final delivery.



This service ensures the preservation of sensitive product quality, reduces waste, and meets the highest quality standards required in the pharmaceutical and food sectors.



Smart Heat Mapping for Warehouses & Vehicles

We provide an advanced system for visual data analysis and representation using heat-mapping technologies, offering:



Intelligent Space Utilization Analysis

Heat maps that illustrate the density and distribution of goods across different sections of warehouses and vehicles.



Visual Temperature Monitoring

Color-coded temperature maps that highlight areas requiring improved cooling or ventilation.



Identification of High-Traffic Movement Paths

Analysis of staff and equipment movement inside warehouses to determine optimal routes and reduce travel time.



Detection of Bottlenecks & Congestion Zones

Identification of areas where delays frequently occur, along with recommendations for reorganizing those zones.



Optimized Storage Planning

Suggestions for ideal item placement based on turn-over rates and required environmental conditions.



Real-Time Storage Condition Monitoring

Continuous tracking of environmental conditions across warehouse zones, with instant alerts for any deviations.



Clear, Visual Performance Reports

Statistical data presented through color-coded heat maps for easier and more informed decision-making.

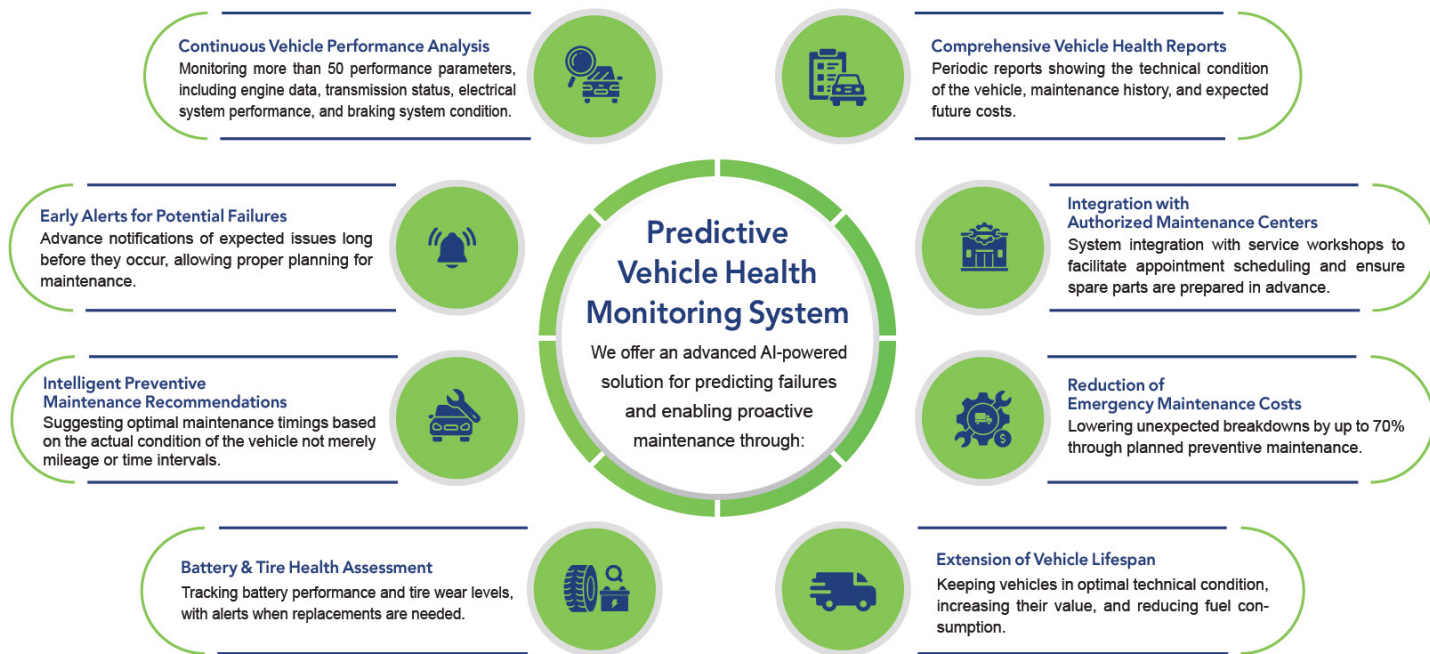


Integration with Warehouse Management Systems

Data integration with WMS platforms to automatically update warehouse layouts based on analytical insights.

This service helps maximize the utilization of available space, improve operational efficiency, and reduce operating costs in warehouses and transport vehicles.





This service transforms maintenance from a reactive approach to a proactive one, ensuring the highest levels of reliability and safety for the fleet while reducing long-term operational costs.



AI-Powered Intelligent Route Optimization System

We provide an advanced platform that leverages artificial intelligence algorithms to optimize fleet routes through:



Intelligent Traffic & Congestion Analysis

Studying traffic patterns and predicting congestion across different times and locations.



Multi-Criteria Route Planning

Designing routes that consider delivery time, fuel cost, road conditions, and customer priorities.



Dynamic Route Updates

Automatically adjusting routes during trips based on changes in traffic conditions or weather.



Multi-Dimensional Cost Analysis

Calculating the total cost of each route, including fuel, maintenance, and driver wages.



Weather System Integration

Integrating real-time weather data to avoid areas affected by severe weather conditions.



Intelligent Vehicle Load Allocation

Distributing shipments across vehicles based on their capacity and delivery priorities.



Accurate ETA Predictions

Providing highly accurate estimated arrival times, accounting for all influencing factors.



Route Performance Reports

Analyzing route efficiency and offering continuous improvement recommendations based on historical data.



This service helps reduce operational costs by up to 25%, enhance customer service through reliable on-time deliveries, and achieve optimal utilization of fleet capacity.





Advanced Safety System & Driver Performance Evaluation

We offer a fully integrated solution to enhance road safety and improve driver performance through:



Continuous Driver Behavior Monitoring

Tracking and analyzing driving patterns such as sudden acceleration, harsh braking, and sharp turns.



Instant Violation Alerts

Real-time notifications sent to drivers when traffic violations or unsafe driving behaviors occur.



Driver Performance Scoring & Ranking

Evaluating each driver and generating a comprehensive performance score based on safety and efficiency standards.



Personalized Driver Training Programs

Developing individualized training plans tailored to each driver's weaknesses and specific improvement needs.



Rewards for High-Performing Drivers

An incentive system that recognizes and rewards drivers who maintain high safety levels and exceptional performance.



Accident & Violation Root-Cause Analysis

Detailed investigation of incidents to identify root causes and prevent future occurrences.



Monthly Safety Reports

Regular reports summarizing safety metrics and progress in improving driver performance.



Integration with In-Vehicle Cameras

Connecting the system with onboard surveillance cameras to document and analyze incidents.

This service helps reduce insurance costs by up to 30%, decreases traffic accidents by up to 40%, and enhances the company's reputation as an employer committed to safety standards.



Electric & Hybrid Fleet Management System

We provide a specialized solution for the intelligent management of electric and hybrid vehicles through:



Continuous Battery Health Monitoring

Real-time tracking of battery charge level, condition, and performance.



Smart Route Planning Based on Charging Stations

Designing routes that account for the locations and availability of charging stations, along with calculating the required charging time.



Optimized Charging Time Management

Scheduling charging sessions during off-peak electricity hours to minimize costs.



Energy Performance & Consumption Analysis

Studying energy efficiency and providing recommendations to extend driving range.



Preventive Maintenance Alerts for Electrical Components

Monitoring electrical components and issuing proactive maintenance notifications.



Sustainability & Emission Reports

Measuring and documenting carbon emission reductions and progress toward sustainability goals.



Integration with Charging Infrastructure

Connecting the system with various charging station networks to enhance data accuracy.



Eco-Driving Training for Drivers

Educational programs for drivers on maximizing electric vehicle range and improving energy efficiency.



This service enables companies to transition smoothly to electric vehicles, achieve cost savings of up to 40%, and contribute to meeting environmental sustainability goals.



Smart Last-Mile Delivery Logistics Platform

We offer an integrated platform powered by artificial intelligence to manage all last-mile delivery operations through:



Intelligent Order Management

Automated order assignment to drivers based on their location, available capacity, and skill level.



Real-Time Operational Tracking

Live monitoring of vehicle location and delivery status, with instant updates shared with customers.



Optimized Delivery Route Planning

Creating optimal routes that combine multiple orders into a single trip to reduce time and cost.



Automated Customer Communication

Automatic notifications sent to customers regarding expected arrival times and order status across multiple channels.



Complaint & Inquiry Management

A unified system for receiving and handling customer feedback in real time.



Delivery Performance Analytics

Detailed reports on on-time delivery rates, customer satisfaction, and driver efficiency.



Integration with Store Platforms

Direct integration with order management systems used by stores and various applications.



E-Payment & Financial Reporting

A comprehensive system for managing invoices, payments, and financial reports.



This service enhances the end-customer experience, increases delivery efficiency by up to 35%, and provides comprehensive visibility over the entire last-mile delivery chain.

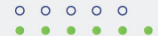


SYSTEM FEATURES



Fleet Management System Features:

- 01 Real-time vehicle tracking and live monitoring.
- 02 Fuel management and reduction of unnecessary consumption.
- 03 Preventive maintenance and automated service reminders.
- 04 Driver behavior monitoring and improvement.
- 05 Comprehensive reporting and data analytics.
- 06 Instant alerts for deviations and violations.
- 07 Management of electric and hybrid vehicles.
- 08 Integration with other systems.
- 09 Ongoing technical support and training.
- 10 Scalable and customizable solutions.





**WHY
CHOOSE US?**



Why Choose PIXA?



Strong Local Expertise

We understand the challenges of the Saudi market and the specific needs of the local transportation sector.



Cost Reduction & Efficiency Improvement

We help you reduce operational expenses and increase fleet productivity.



Customized Solutions Tailored to Your Needs

We design flexible solutions that align with the size of your business and your operational goals.



Exceptional After-Sales Service

We ensure business continuity through continuous follow-up and proactive support.



Advanced & Intelligent Technologies

We leverage the latest artificial intelligence and Internet of Things (IoT) systems.



24/7 Technical Support

A dedicated local support team is always ready to assist you at any time.



Highest Standards of Safety & Quality

Our systems enhance safety levels and minimize risks.



Fast & Tangible Return on Investment

Achieve up to 30% cost savings within just a few months.



In Conclusion

- In a world defined by rising operational challenges and intense competition, the role of a trusted partner becomes a decisive factor for excellence. PIXA is not just a provider of tracking technology; it is a strategic partner that looks ahead to the future of your operations transforming management from reactive to proactive, and shifting the focus from cost to profitability.
- At PIXA, we don't simply offer devices or software; we deliver clarity, complete control, and invaluable peace of mind. Your trust is our greatest asset, and the success of your business is the passion that continuously drives our innovation.



Make the smart decision today and turn your fleet into a powerful tool for growing your business.

Start your journey toward a smarter, safer, and more profitable fleet

[contact us now](#)

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