DMS
Digital Myth Solutions

Eagle-IoT

Company Profile - 2025

Visit Our Website
**www.avl-ksa.com**

ABOUT COMPANY

Digital Myth Solutions, established in 2007, is an SFDA and TGA-approved service provider, considered to be the pioneer of fleet management services in Saudi Arabia.

Eagle-IoT is a state-of-the-art fleet management platform that DMS has brought to the market, specializing in vehicle tracking, fleet management, and asset management. Eagle-IoT provides **Internet of Things (IoT) solutions** for businesses of all sizes. Eagle-IoT is continuously evolving in multi-faceted technology trends, offering a comprehensive range of services that cater to the diverse needs of our clients
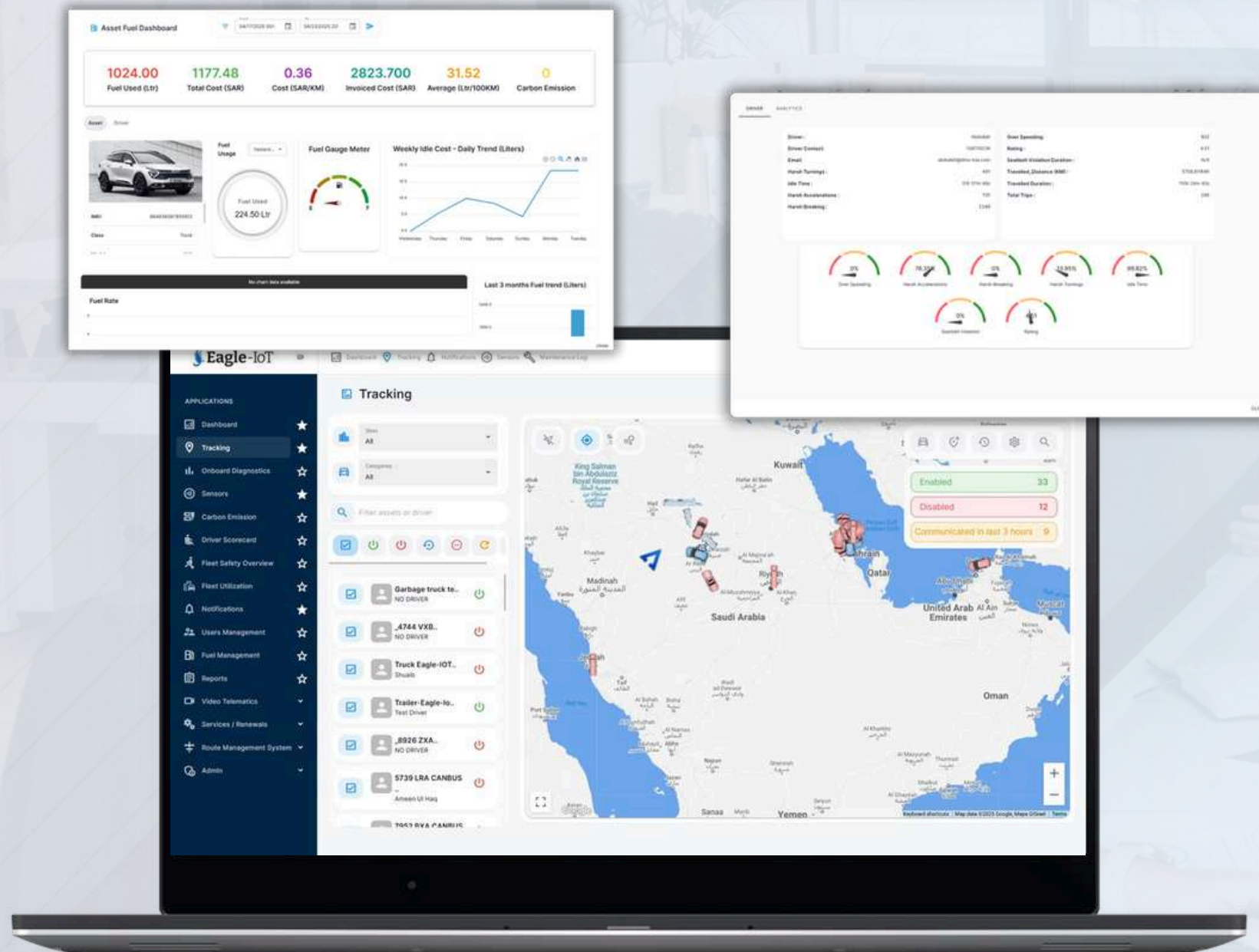
WHO WE ARE?

EAGLE-IOT: YOUR LEADING IOT SOLUTIONS PROVIDER.

- In-house development by a team of qualified engineers.
- Tailored, industry-specific solutions.
- Operational optimization guidance from fleet industry consultants.
- Solutions compliant with CITC, TGA, and SFDA standards.
- A combination of deep industry knowledge and technological expertise.
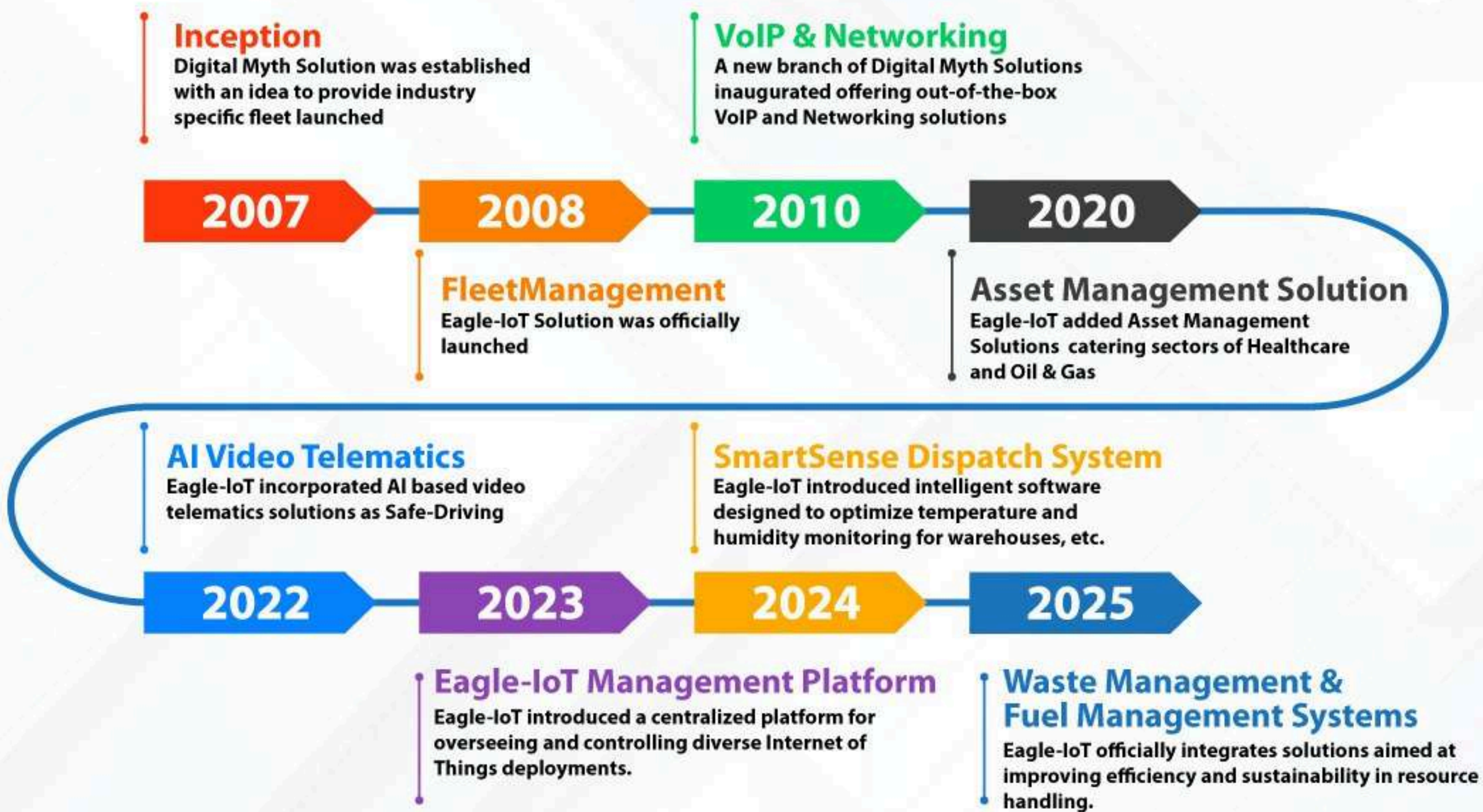- Reliable, on-time delivery by highly trained professionals.

COMPANY VISION

Driving the Future of Intelligent Mobility

At Eagle-IoT, our vision is to transform the way fleets operate by enabling complete digital visibility, operational control, and data intelligence. We aim to empower transportation sectors with cutting-edge IoT solutions that enhance safety, optimize performance, and foster sustainability.

Through relentless innovation and customer-centric design, we seek to set new benchmarks in smart fleet management across the globe.

Eagle-IoT

Inception
Digital Myth Solution was established with an idea to provide industry specific fleet launched

VoIP & Networking
A new branch of Digital Myth Solutions inaugurated offering out-of-the-box VoIP and Networking solutions

2007 — 2008 — 2010 — 2020

FleetManagement
Eagle-IoT Solution was officially launched

Asset Management Solution
Eagle-IoT added Asset Management Solutions catering sectors of Healthcare and Oil & Gas

AI Video Telematics
Eagle-IoT incorporated AI based video telematics solutions as Safe-Driving

SmartSense Dispatch System
Eagle-IoT introduced intelligent software designed to optimize temperature and humidity monitoring for warehouses, etc.

2022 — 2023 — 2024 — 2025

Eagle-IoT Management Platform
Eagle-IoT introduced a centralized platform for overseeing and controlling diverse Internet of Things deployments.

Waste Management & Fuel Management Systems
Eagle-IoT officially integrates solutions aimed at improving efficiency and sustainability in resource handling.

CITC-License

CITC - the regulatory body for IT and communications granted DMS license to provide services in Saudi Arabia

Transport General Authority

TGA approved DMS as a service provider for the Smart Mobility & Transportation System Eagle-IoT is now connected with WASL

Saudi Food & Drug Authority

SFDA - the Saudi Food and Drug Authority – has granted DMS license to provide services in Saudi Arabia.

Cybersecurity Compliance

DMS started implementing a 5-year cybersecurity implementation plan as per the CITC CRF (Cybersecurity Regulatory Framework)

About Company   Who we are ?   Partners   Solutions

We serve throughout the Kingdom of Saudi Arabia

Dammam | Riyadh | Jeddah

Eagle-IoT

Industries

Cold chain
Oil & Gas
Transportation
Pharmaceutical
Schools
Ready Mix
Healthcare

Future Ventures

Industrial Automation
Machine learning
Industrial IoT
Data science
Blockchain
5G

Solutions

Fleet Management System
Asset Management System
Waste Management System
Fuel Management System
Video Telematics
Thermal Mapping

Technologies

Software as a Service | Cloud Computing | 4G/ LTE | NB IoT | Edge Computing | GNSS | BLE | LoRaWAN | Satellite Communication | API Economy

OUR STRATEGIC PARTNERS

PetroApp

ZF GROUP

INTANGLES
A DIGITAL TWIN COMPANY

CARTRACK
PUTTING YOU IN CONTROL

SmartX

Shipsy

AUTILENT

Ertikaz
Solutions

RTE

OUR TECHNOLOGY PARTNERS

OUR CLIENTS

Eagle-IoT serves a diverse portfolio of clients across multiple transportation segments:
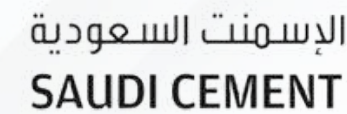
FLEET MANAGEMENT SYSTEM
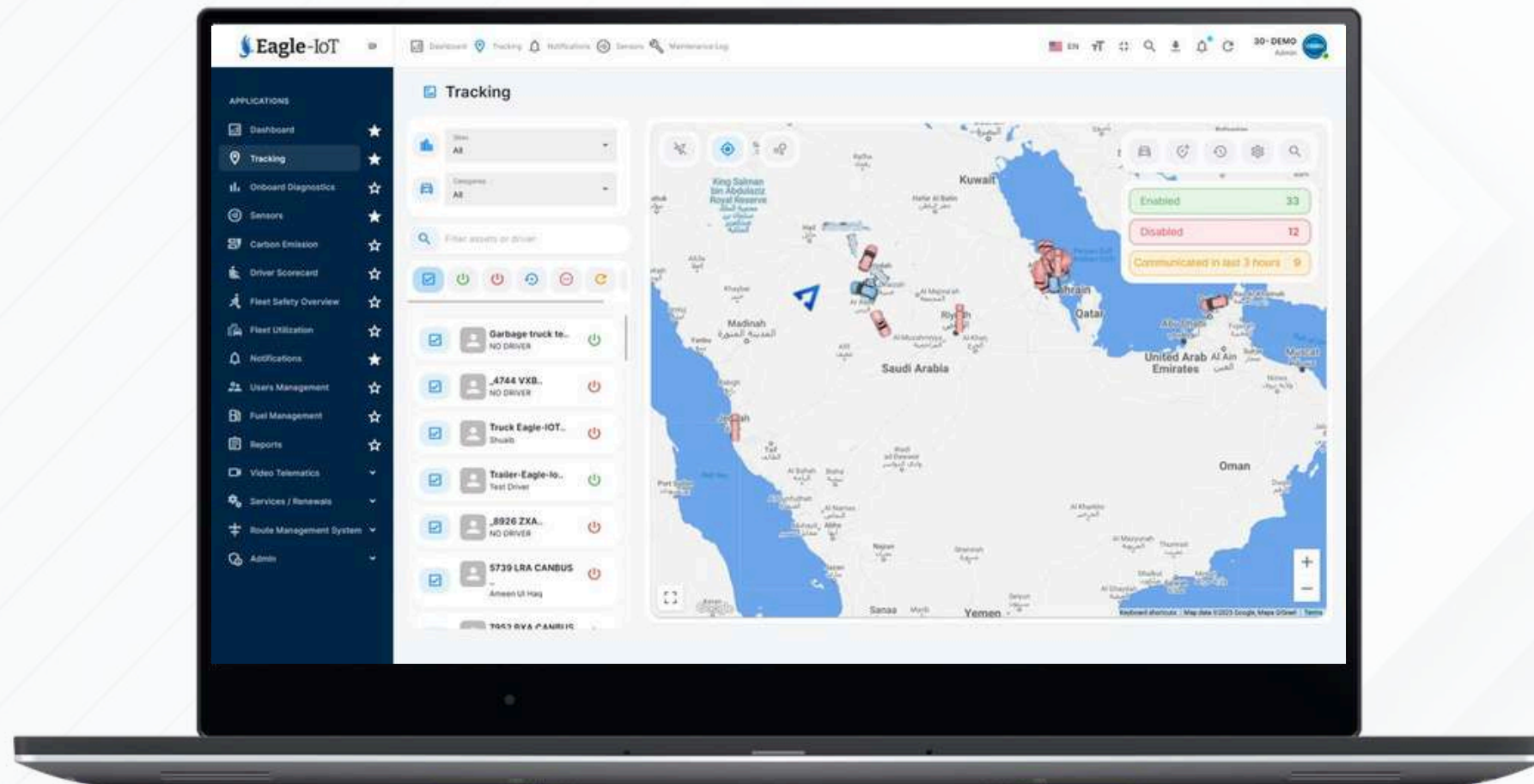
Eagle-IoT A SaaS IoT Platform

CLOUD-BASED

Eagle-IoT platform is a true cloud-based platform that is scalable vertically and horizontally

GLOBAL ACCESS

The platform is globally accessible through web applications and beautifully designed iOS and Android apps

IAM

Identity Access Management with 2- factor authentication and Microsoft SSO ensures secure access with tenant-level privileges

LOCALLY HOSTED

Eagle-IoT with all its services is hosted inside the Kingdom of Saudi Arabia (Oracle Cloud Infrastructure - Jeddah)

Solutions

Fleet Management Asset Management Waste Management Fuel Management Thermal Mapping

Eagle-IoT A SaaS IoT Platform

Functionalities

Track n Trace

Never a loose sight of your asset through the live tracking module. The assets are equipped with state-of-the-technology AVL devices which are primarily built upon GNSS for location accuracy and 4G LTE for data transmission

Connectivity

AVL device in particular used as part of Eagle-IoT solutions are equipped with 4G LTE wireless data communication modules with Fallback Function

Positioning

Devices can connect to GNS systems of GPS, Galileo, GLONASS and BeiDou as per the availability

Other modes available...

- Low Earth Orbit Satellite System
- NB-IoT
- WiFi
- LoRaWAN

Solutions

Fleet Management   Asset Management   Waste Management   Fuel Management   Thermal Mapping

FLEET MANAGEMENT SYSTEM

Functionalities

Driver Management

From utilization, behavior monitoring to KPIs, Eagle-IoT provide in-depth analysis. With driver/operator identification and authorization, users can eliminate the disputes and assets misuse completely.

Key Performance Indicators

- Number of Trips Made
- Total Distance Travelled
- Minimum Number of Violations
- Zero accidents
- Following Safety Measures
- Time traveled

- Driver Identification
- Dallas iButton Keys
- RFID Cards
- BLE beacons
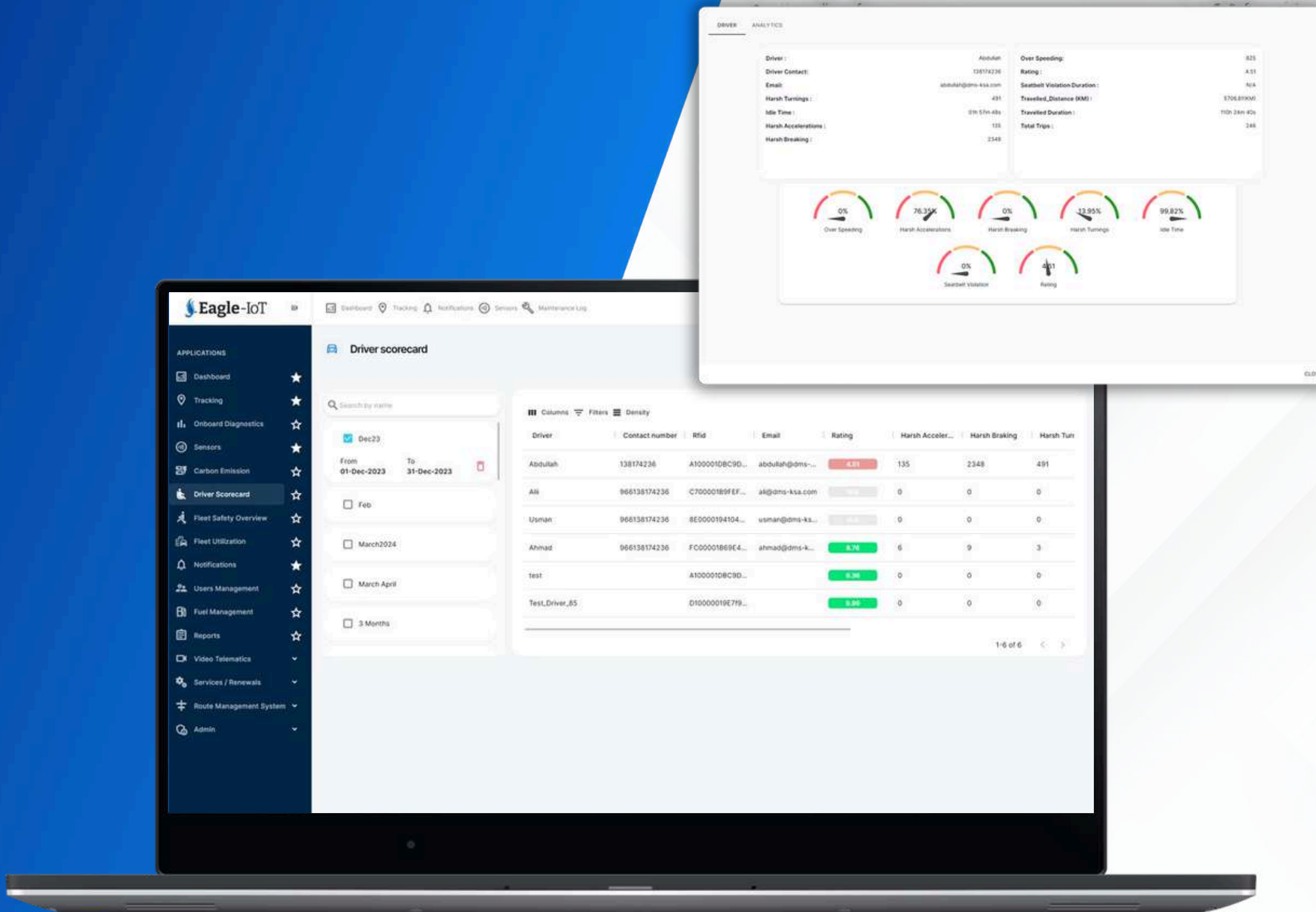
Solutions

Fleet Management Asset Management Waste Management Fuel Management Thermal Mapping

FLEET MANAGEMENT SYSTEM

Functionalities

Fleet Analytics

Fleet overall performance can only be analyzed with the correct set of data and relevant performance metrics. Eagle-IoT not only ingest and plot data, but the analytics engine under the hood also provides insights and KPIs in such a way that makes it the best investment for your fleet.
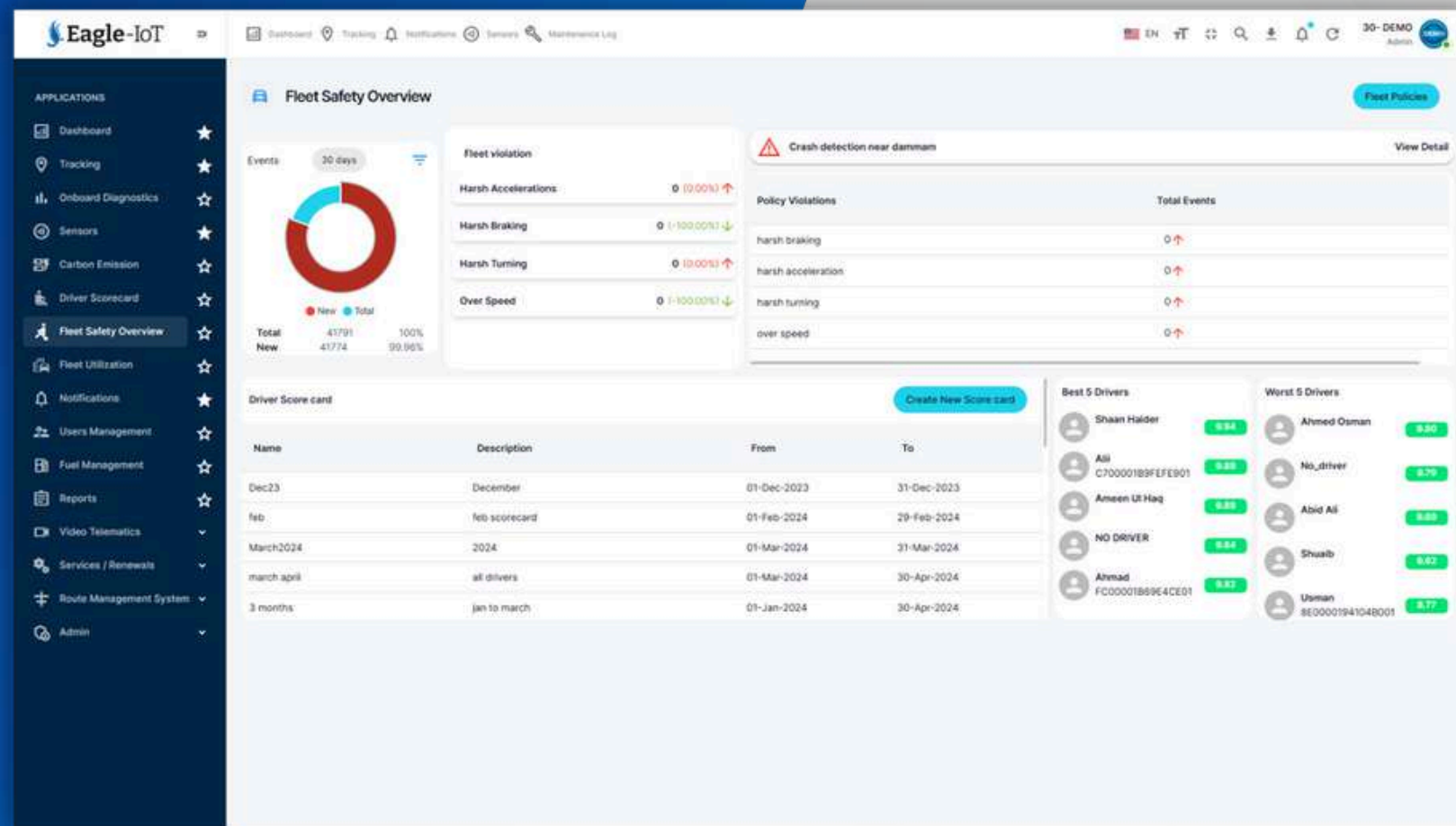
Analysis Is Based On Three Pillars
- Driving behavior
- Asset Utilization
- Maintenance costs (OpEx)

Benefits
- Prevent Over utilization
- Identify The Underutilized Assets
- Normalize The Maintenance Costs
- Identify The Assets Having High OpEx
- Reach Out To Drivers Having Low Performance

Solutions

Fleet Management   Asset Management   Waste Management   Fuel Management   Thermal Mapping

Eagle-IoT

Functionalities

Sustainability as an Initiative

Eagle-IoT understands the importance of achieving net zero and is in line with the Saudi Green Initiative. Integration of the Carbon The emission Module with the CAN data, enables the vantage view of Carbon Emissions in a given time, fuel consumed, and distance travelled in a single dashboard.

- Advance Telematics
- On Board Diagnostics (OBD II)
- Fault Code Identification and Alerts
- Fuel Consumption Analysis
- CAN Bus Integration
- CAN Control (Immobilizer)
- Trailer Telematics

Advance Telematics Future...

- Predictive Maintenance
- Bigdata analysis
- Reduced carbon emissions through operational trends
- Movement/Operational Heatmaps

Solutions

Fleet Management   Asset Management   Waste Management   Fuel Management   Thermal Mapping

FLEET MANAGEMENT SYSTEM
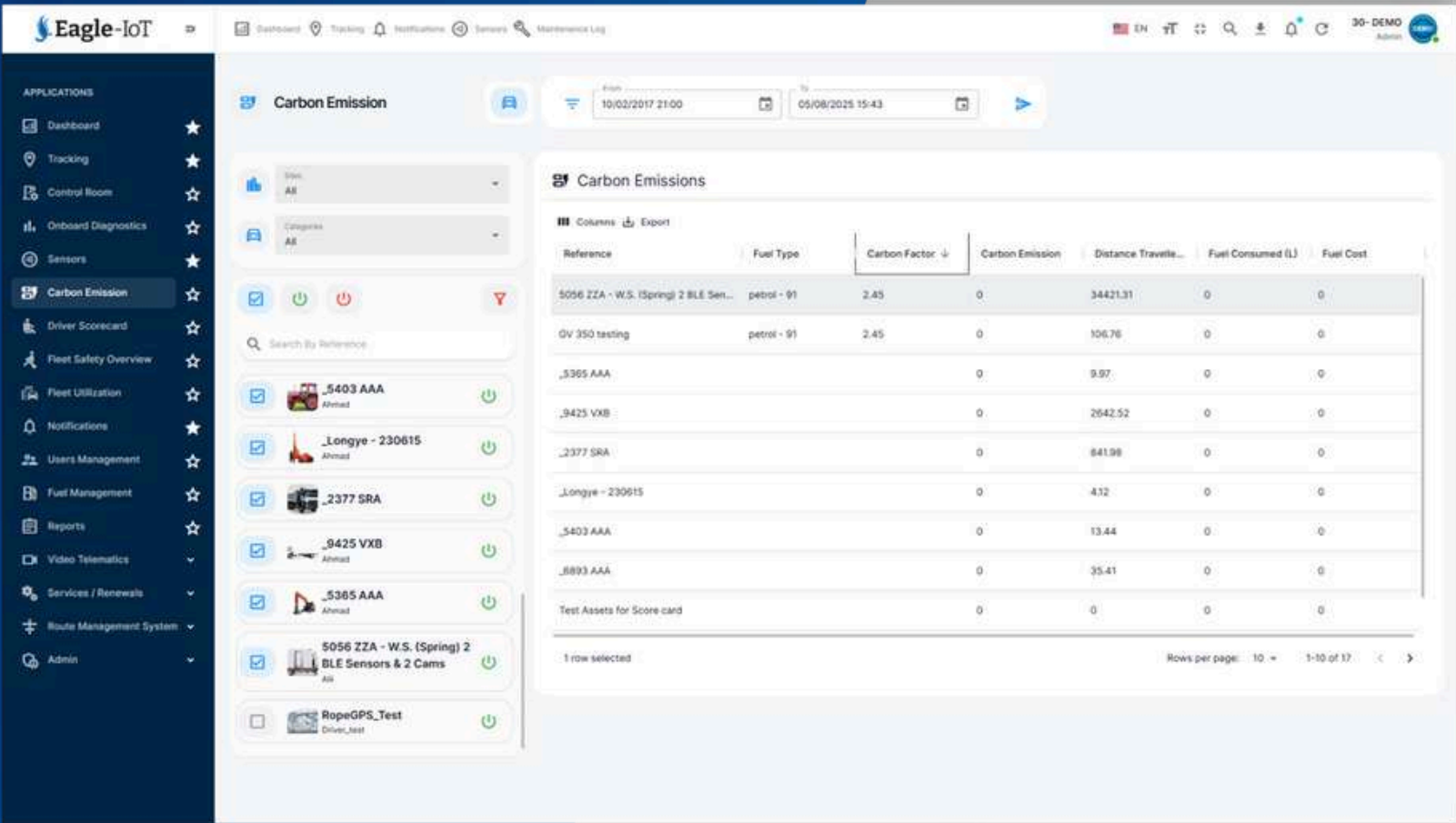
Eagle-IoT

Functionalities

Eagle-IoT as a Fleet Budgeting Tool

The Eagle-IoT platform offers way more than any other conventional fleet management system. From fleet analytics to daily task management, Eagle-IoT encompasses all the dimensions of fleet management.

Features

- Maintenance and Renewal
- reminders
- Cost-Benefit Analysis
- Yearly expenditures
- Fleet utilization data
- Logging all kinds of fleet expenses
- Keeping a record of accidents

Benefits

- Plan the budget for next year
- Identify assets that are liability
- Keep an eye on overhead costs
- Identify the cost-effective asset type to include in the fleet
- Identify the workshops which suit your fleet in terms of costs and time

Solutions

Fleet Management   Asset Management   Waste Management   Fuel Management   Thermal Mapping

FLEET MANAGEMENT SYSTEM
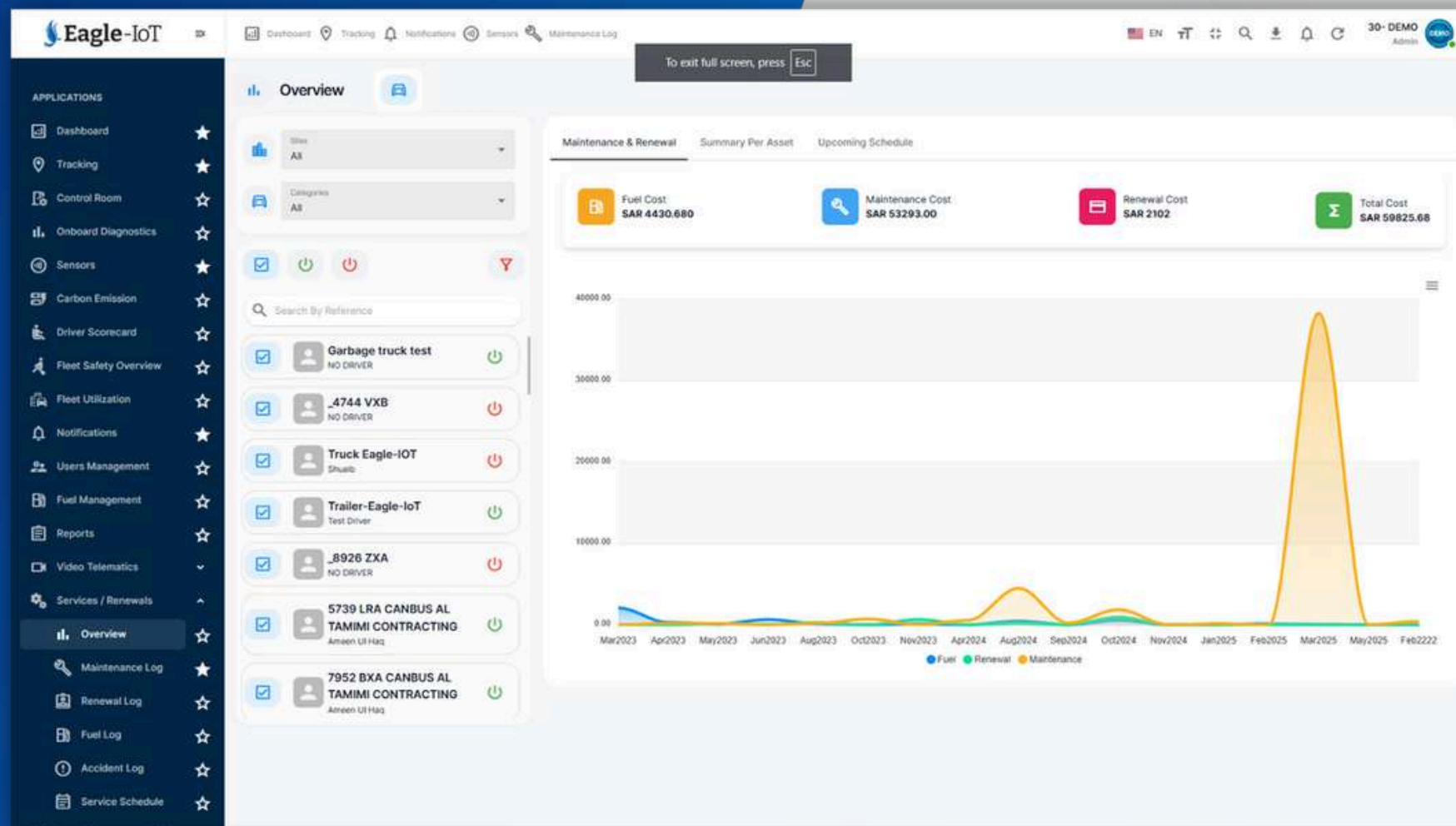
Functionalities Eagle-IoT Axle Load Monitoring Eagle-IoT offers an axle load monitoring system to the owners of fleets of public transport, commercial vehicles and trucks, construction machines, and municipal vehicles to monitor the cargo transportation process in detail with a precision of 90% as instructed by Public Transport Authority (Saudi Arabia).
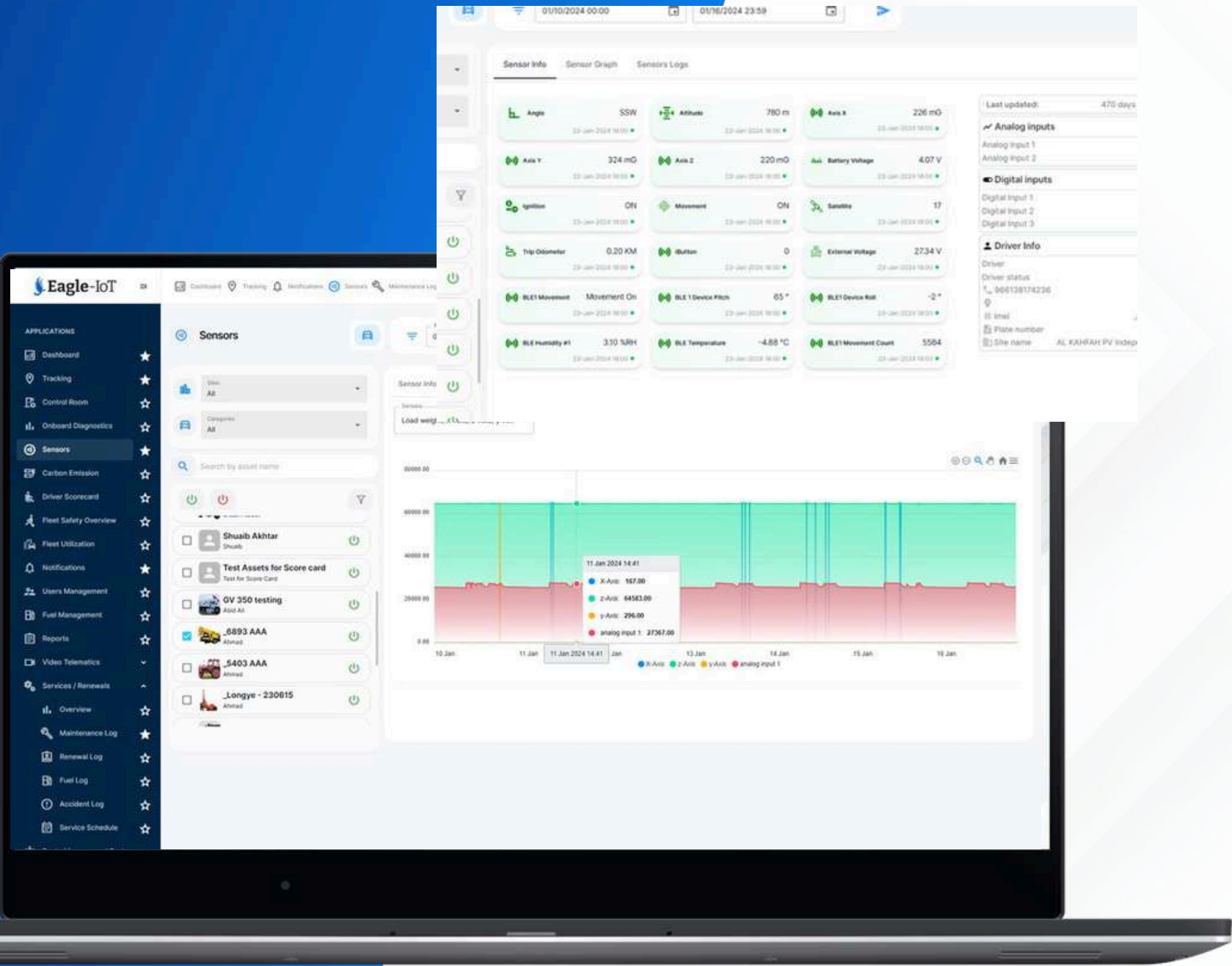
Technologies
- Air Pressure Sensors
- Mechanical Sensors
- Strain Sensors

Supported Axle Types
- Air Balloon
- Leaf Spring

Benefits
- Reveal Underhand Cargo
- Monitor Loading And Unloading Of The Vehicles
- Optimize Cargo Load
- Alarm Signal

Solutions

Fleet Management   Asset Management   Waste Management   Fuel Management   Thermal Mapping

FLEET MANAGEMENT SYSTEM

Functionalities

Temperature & Humidity Monitoring

With Eagle-IoT Temperature and Humidity monitoring, get complete visibility of your valuable assets from production to the end-user. Deviations from desired temperature and humidity ranges will not get unnoticed may it be from power failure or human error with Eagle-IoT's powerful monitoring and alerting system.

Technologies

·1-wire digital sensors
·RF based wireless sensors
·BLE based wireless sensors

Communication over:

·Ethernet
·Wi-Fi
·4G LTE

Features

- Temperature and Humidity monitoring (-40°C / + 85°C | From 0% to 100% RH)
- Instant alerts through emails, mobile & web applications, and phone calls
- Timely detection of refrigeration unit failure
- State-of-the-Technology wireless and battery-operated sensor
- Complete SFDA-compliant solution (Registration of asset/inventory with WASL)

Solutions

4G /LTE+SATELITE Dual Mode Connectivity

Eagle-IoT ensures an uninterrupted fleet management solution, even when cellular networks are unavailable. With **Eagle-IoT Hybrid Approach** switch automatically to the Iridium network in case of unavailability of GSM signal.

Features:
- Iridium Network
- Iridium SBD
- CAN Bus Interface

Supported Technologies:
- CAN bus
- Digital sensors
- RFID Reader

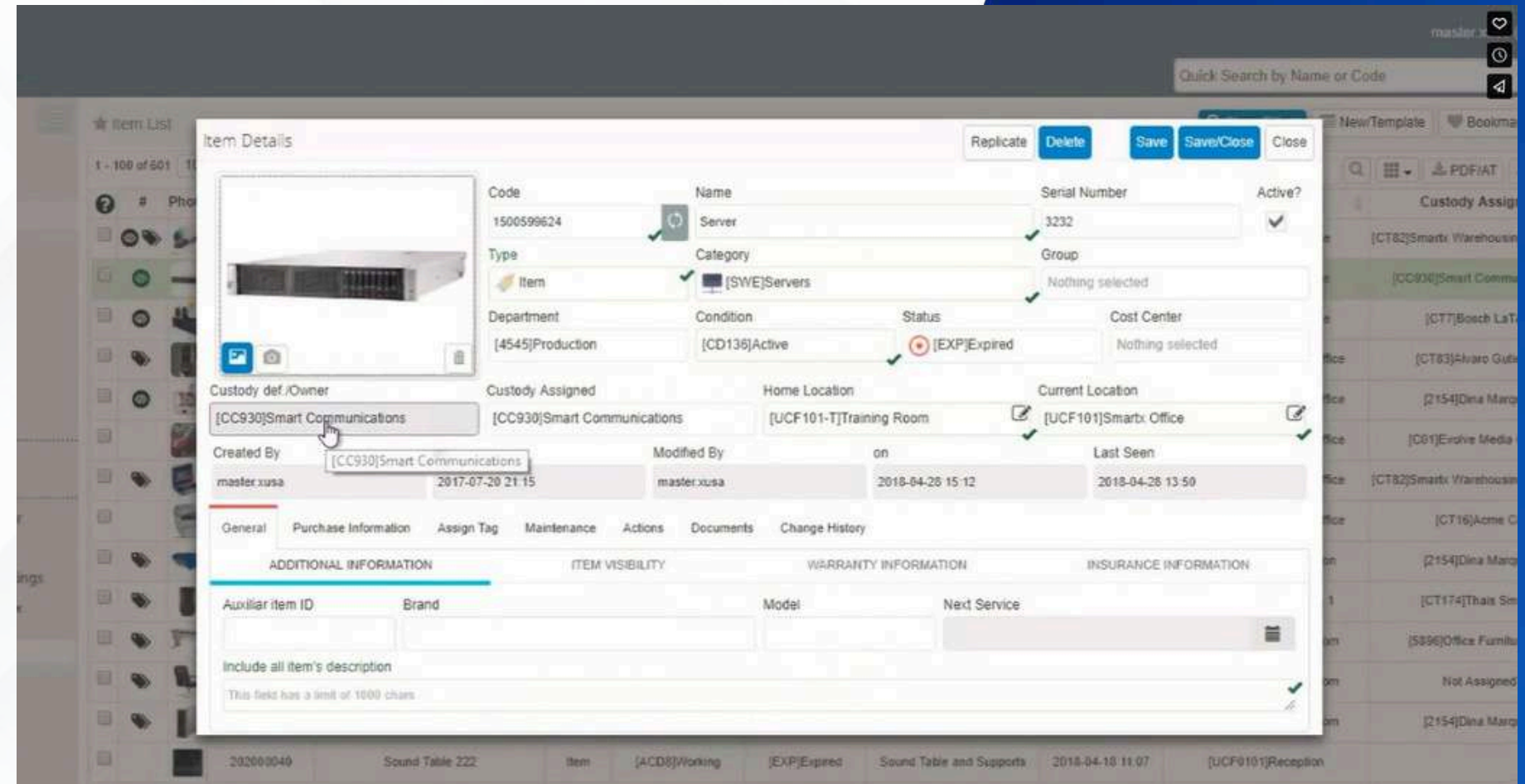## Solutions

Fleet Management   Asset Management   Waste Management   Fuel Management   Thermal Mapping

ASSET MANAGEMENT SYSTEM

Gain complete visibility of assets and access reports on the utilization of high-value equipment critical to your operations with Eagle-IoT Asset Management.

Solutions

Fleet Management | **Asset Management** | Waste Management | Fuel Management | Thermal Mapping

ASSET MANAGEMENT SYSTEM

Functionalities

### Complete Visibility & Management

Eagle-IoT offers Asset Visibility Solution to provide a new level of operational rights in a perfect way to manage and monitor the location, status, and condition of your assets across multiple sites.

Supported Technologies

- RFID Tags (Active and Passive) and UHF readers
- BLE Beacons
- Asset Trackers
- 4G/LTE
- Ethernet/WiFi
- NB-IoT
- LoRaWAN
- Barcode/QR Code Scanners

Features

- Automated maintenance schedules
- Identify trends in equipment availability and utilization
- Life cycle performance monitoring
- Movement Monitoring including the analysis of wait times, bottlenecks, fixed asset utilization
- Configurable workflows and exception reports

Solutions

Fleet Management | **Asset Management** | Waste Management | Fuel Management | Thermal Mapping
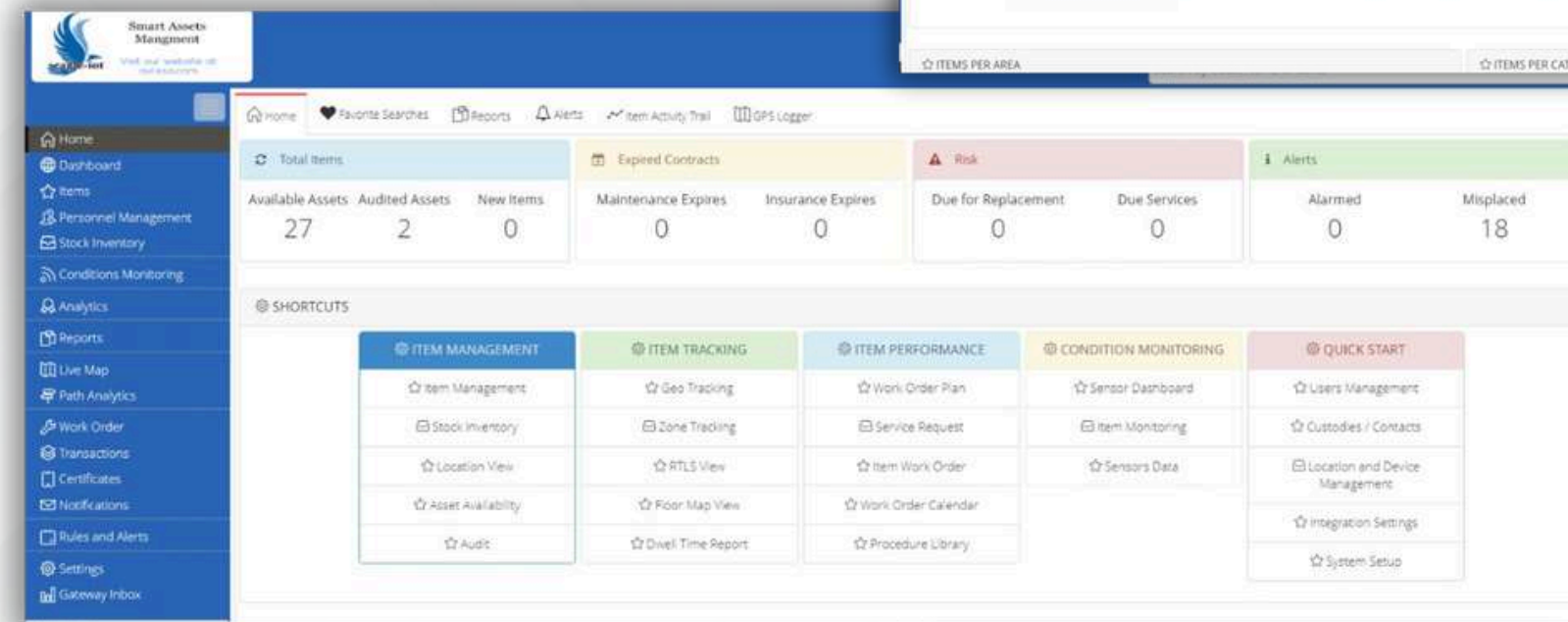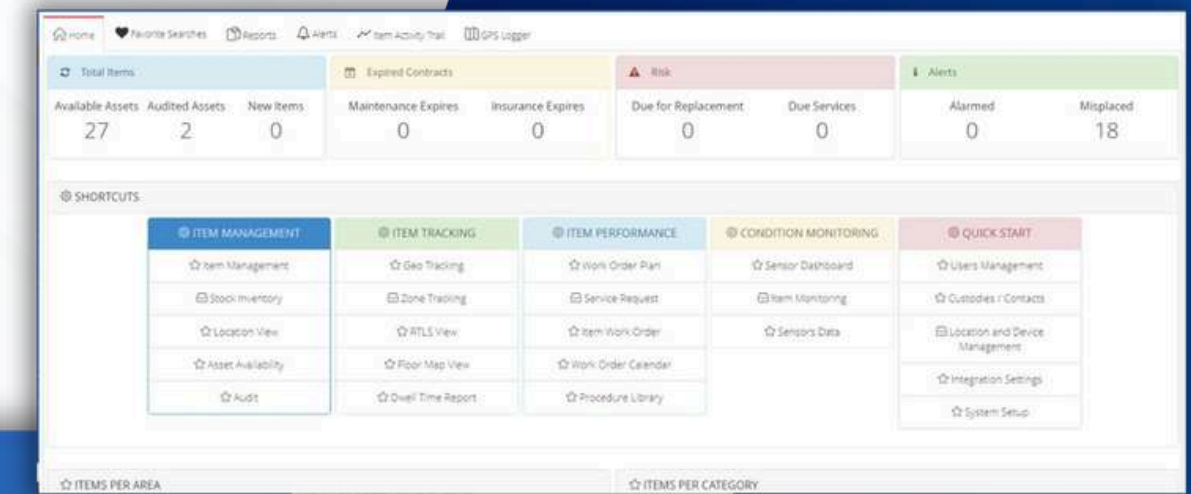
Waste Management System

Smart Waste Collection with Real-Time Insights

Eagle-IoT offers a comprehensive Smart Waste Management Solution to enable municipalities and private contractors to manage waste operations with route optimization, bin-level monitoring, and fleet tracking.

Supported Technologies

- Ultrasonic Bin Sensors
- RFID for Bins
- Cloud-Based Inventory
- GPS for Vehicle Tracking

Features

- Bin Level Detection
- Route Tracking
- Overfill Alerts
- Monitor vehicle locations in real-time.
- Report Problems
- Digital Route Sheet
- Crew Registration
- Weighbridge Tickets
- Offline Mode

Solutions

Fleet Management   Asset Management   **Waste Management**   Fuel Management   Thermal Mapping

Fuel Management System

Next-Generation Fleet Fuel Intelligence

Log, track, and analyze every gallon. Eagle-IoT Fuel Management System offers powerful fuel insight with CANbus data; identify high-consumption vehicles and allocate them based on their usage. Eagle-IoT is committed to helping businesses optimize fleet fuel usage, reduce costs, and increase overall efficiency.

Supported Technologies

- CAN Bus Interface
- Fuel Level Sensors
- Cellular + Satellite Communication

Features

- Runtime monitoring.
- Fuel consumption and theft alerts.
- Timestamped refueling data (volume, duration, driver behavior).
- Fuel cost correlation (route, vehicle, load).
- Fuel waste analysis (aggressive driving, idling, route violations).
- CAN bus integration for fault-linked fuel consumption.
- Multi-tank/generator support for complex fleets.
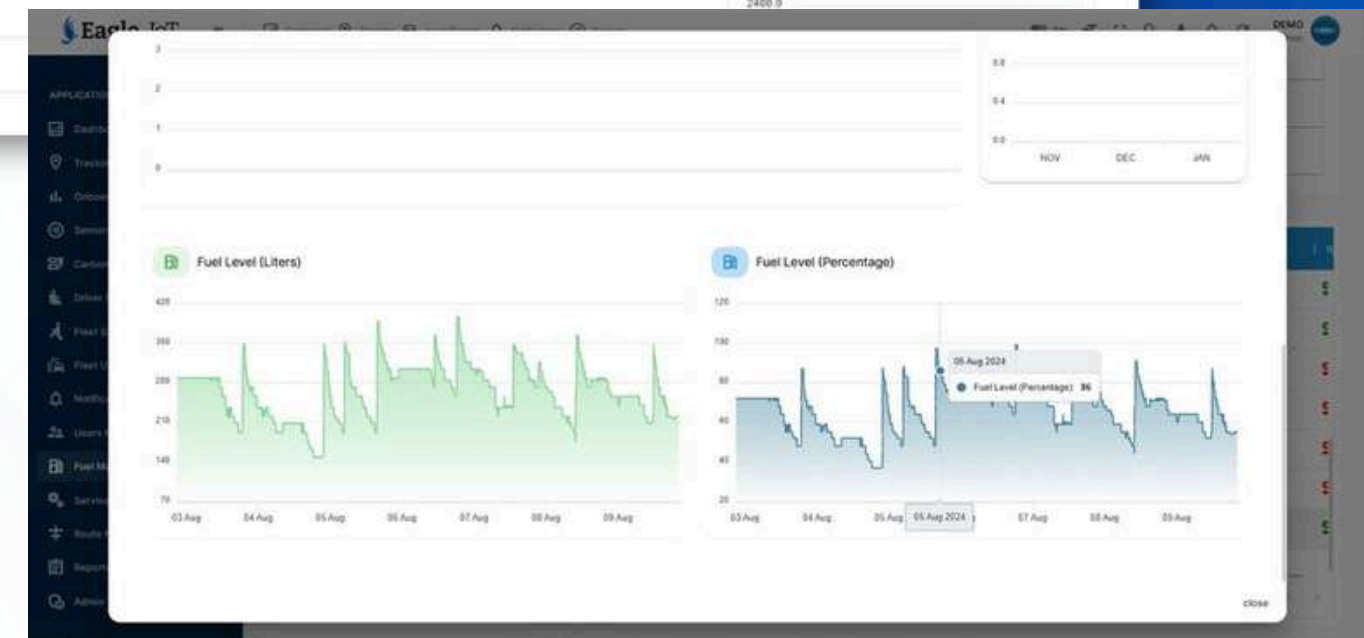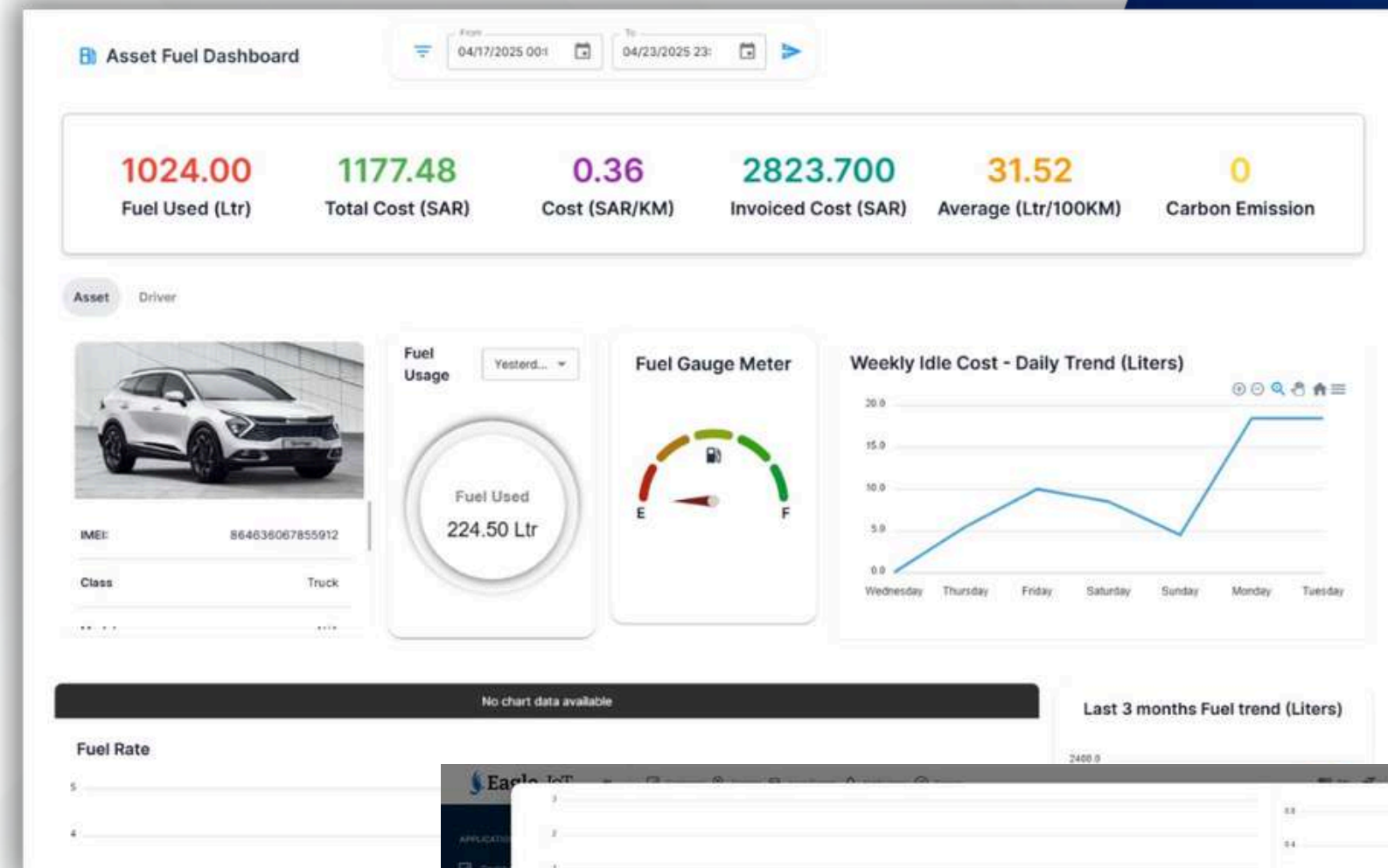
Solutions

Fleet Management   Asset Management   Waste Management   **Fuel Management**   Thermal Mapping

Video Telematics

## AI-Driven Visibility and Driver Monitoring

Eagle-IoT delivers a versatile suite of video telematics solutions for fleets, buses, and private vehicles. From AI-driven in-cabin monitoring to multi-channel surveillance and ADAS integrations, our systems ensure compliance, security, and transparency.

Features:
- AI Dashcam with ADAS & DMS
- In-Cabin Monitoring for Driver Alertness
- Multi-Channel Camera Support
- Cloud Storage for Evidence Videos
- Event-Based Alerts and Playback
- PWAS (Panic Warning Alert System) Camera Integration

Supported Technologies:
- ADAS (Advanced Driver Assistance System)
- DMS (Driver Monitoring System)
- MDVR (Mobile DVR)
- IR & Night Vision Cameras
- Cloud & Local Storage
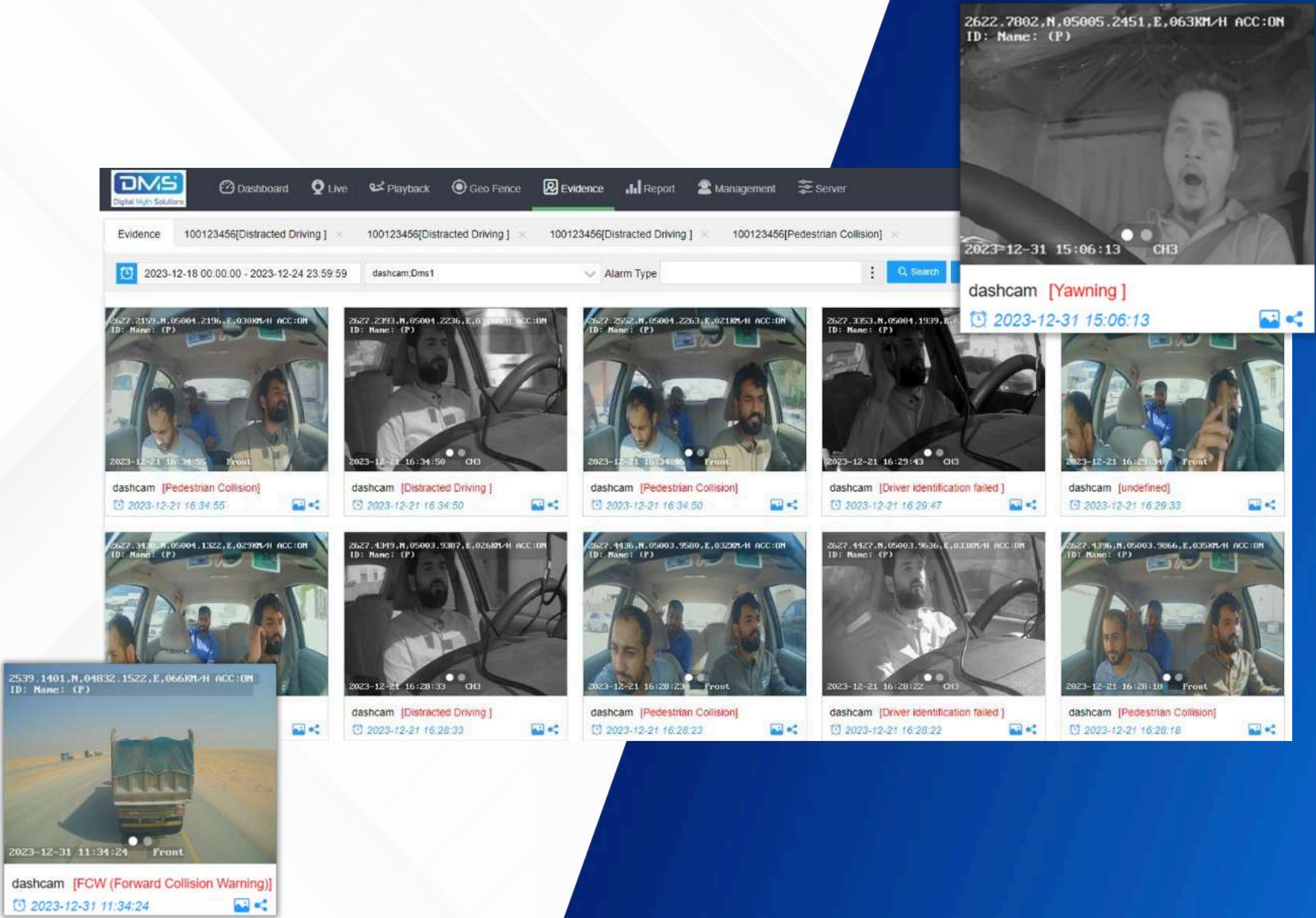
Thermal Mapping

Eagle-IoT Thermal Mapping ensures temperature variations throughout the facility can be mapped, analysed and corrected to assure the effectiveness of controlled temperature units.

Benefits
- Validate implementation of the current Thermal Monitoring Solution
- Verify the effectiveness of refrigeration units
- Verify fluctuations of temperature in an area
- Comply with Local Regulations

Certifications

1. NIST 3-Point Calibration certified data loggers
2. Reports are generated in compliance with FDA 21 CFR11 certified application

Solutions

Thermal Monitoring

With Eagle-IoT Thermal monitoring, ensure the temperature of the warehouses and cold stores are within safe and optimal range. Deviations from the desired temperature will not get unnoticed may it be from power failure or human error with Eagle-IoT's powerful monitoring and alerting system.

Technologies

- 1-wire digital sensors
- RF-based wireless sensors
- BLE-based wireless sensors

Communication over:

- Ethernet
- Wi-Fi
- 4G LTE

- Thermal Monitoring (-40°C / + 85°C)
- Instant alerts through emails, mobile & web app, and phone calls
- Timely detection of refrigeration units failure
- State-of-the-Technology wireless and battery-operated sensor
- Complete SFDA-compliant solution (Registration of asset/inventory with WASL)

33.7°F 32.9°F 34.5°F

EAGLE-IoT

ALL OVER THE KINGDOM

Oil & Gas Eagle-IoT addresses all the challenges of the Oil & Gas industry which is technology oriented and has high Health, Safety, Environment & Communities (HSEC) requirements.

Healthcare From ambulances to medical supplies and pharmaceuticals, Eagle-IoT offers comprehensive solutions to optimize operations while taking care of industry standards.

Logistics and Transportation From inventory management to data security and risk management, the logistics and transportation industry require constant attention. Eagle-IoT fleet management addresses these challenges to make the fleet safe and more efficient with improved ROI and a satisfied workforce.

Cold Chain Eagle-IoT is an SFDA-approved solution for Cold Chain giving insights into the cargo from end-to-end including transportation and storage

Ready Mix: Eagle-IoT Ready-Mix Concrete management solution offers an efficient approach to the ready-mix fleet's real-time collection of data. It allows you to manage slumps in transit and monitors load data over time with an axle load monitoring solution.

Car Rental: Eagle-IoT Rental Fleet Solution harnesses the data for rental fleets to serve as a problem-solving tool for fleet management. Get real-time insight into the vehicle engine via OBD data to ensure timely detection of faults leading to failures

School: Eagle-IoT offers a GPS-based school bus tracking solution to provide you access to a detailed map view of the trip, which helps you to keep an eye on the driver's behavior.

Waste Management: Uncover the dynamics of Waste Collection with Eagle-IoT Waste Management Solution Monitor any type of waste (mixed waste, paper, plastics, glass, clothing, bio-waste, liquids, electronics, metal....) and level of filling, several times a day

Banks: With Eagle-IoT ATM Monitoring, banks can keep tabs on their ATMs' locations, maintenance needs, and even potential security threats.

Supply Chain: Track your containers and manage your mobile assets with end-to-end supply chain visibility. Eagle-IoT Container Monitoring Solution provides shipping lines, cargo owners, cold store managers and other stakeholders with useful insight — when and where they need it.

Tow Truck Fleet: With Eagle-IoT you can monitor all your tow trucks on one screen, making it easier than ever to dispatch the right vehicle at the right time. Additionally, with features like fuel consumption, tracking and driver behavior monitoring, you can save on costs and promote safety.

THANKYOU

Visit Our Website
www.avl-ksa.com

E-mail at
info@dms-ksa.com

Call on
+966138174236
+966533085658