

PROFILE  
*Company*

+966-9200-10519    www.afaqy.com  
295441 Riyadh 113351    info@afaqy.com  
KSA - Oman - UAE - Qatar - Morocco  
Prince Sultan Bin Abdulaziz Rd, As Sulimaniyah,  
Riyadh, KSA

@afaqyit    @afaqy\_it    Afaqy    @afaqyit





## About AFAQY

**AFAQY** is a leading IT and IoT service-provider in Saudi Arabia and the MENA region, serving a large number of reputable clients in different industries.

All **AFAQY**'s solutions are dedicated to helping businesses achieve better performance by automating workflow, optimizing internal processes, and enhancing customer experience.

We apply state-of-the-art techniques to integrate different types of technologies to develop the best possible solution for your business needs and challenges.

Since its launch in 2005, **AFAQY** has partnered with some of the biggest names in the world of information technology and internet of things, earned the trust of local and regional clients, and created some game-changing solutions.

## Values

### Long-term Partnerships

We make long-term plans to grow together and develop our solutions to match your evolving business needs and arising challenges.

### Mutual Success

As a client, you are our partner in success and we measure our success by yours. We can't grow unless you grow.

### Driven by Solutions

We focus on tailoring our solutions and applications to suite the specific needs of your business and the challenges you are facing.

### Business Comes First

We are committed to providing holistic solutions that can improve your business performance in a timely manner.

### People-oriented

We recognize our employees, encourage them to explore new possibilities, and constantly train them to develop their sets of skills.

## Our Partners



**ISUZU**



عمانتل  
**Omantel**

زين  
**zain**

**SAMSUNG**

## Products

**Buraq**

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**Journey mgt**

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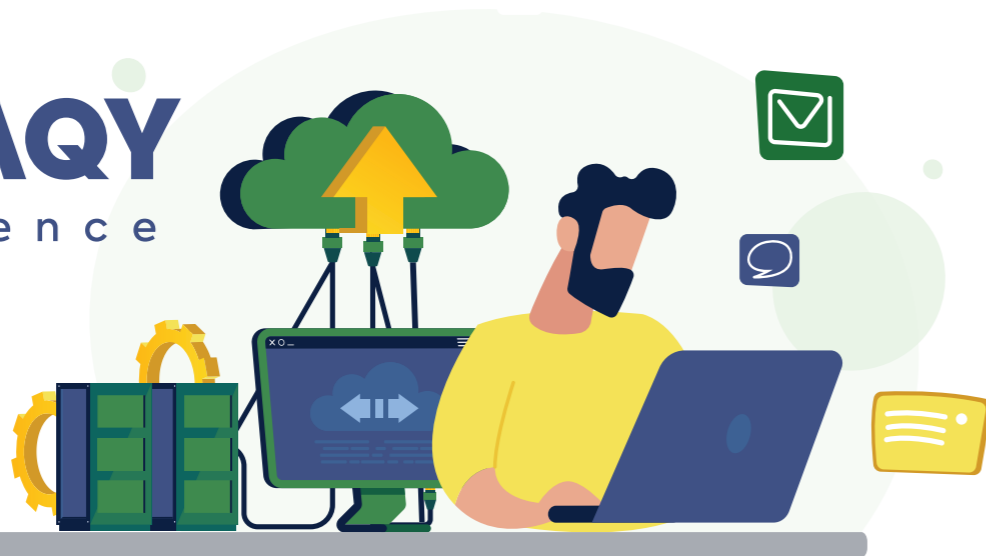
**Asset Trackings**

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**Smart Agriculture**

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The **AFAQY**  
Difference



**Hardware**

We don't just integrate the best devices into our solutions, we also work closely with top hardware manufacturers to research and develop better devices and installation experiences for our customers.



Top Manufacturer Partnerships



Wide Selection Driven by R&D



100+ Installation Team Professionals

**Tailored Software Solutions**

We created our in-house software development team because we understand that different businesses have their own unique needs that require custom-developed solutions.



Uniquely Designed Software Solutions



Freedom of Customization



75+ In-House Software Developers

**World Class Support**

At **AFAQY** we believe that dedicated, professional support lies at the heart of delivering an exceptional customer experience and is an integral part of our long-term success formula.



On-Site, Phone, Email, Text & Online



AFAQY Elite Customer Experience



45+ Dedicated Support Professionals



**Buraq** is an automatic vehicle location system developed by IoT experts at **AFAQY**. It is the result of **AFAQY**'s long-term dedication to building great solutions and using the latest tracking technologies to create products that help businesses achieve their most ambitious goals.

**Buraq** software and hardware components can be provided and installed by **AFAQY**.

### Supported Technologies



SAAS



GPS  
Tracking



Real-time  
Monitoring



Real-time  
Notifications



Water  
Mangement



SMS, Email  
Notifications



Secured &  
Encrypted  
Communications



Mobile  
Applications  
(Android, iOS)



Easily Integrates  
with: CRM, ERP,  
SAP, Oracle

### Buraq Benefits

- 1 Up to **30%** cost reduction\*
- 2 Workflow efficiency boosting
- 3 All-inclusive monitoring
- 4 Real-time tracking
- 5 Reporting and analytics
- 6 Geofencing
- 7 Driver mobile app
- 8 Admin mobile app
- 9 Multi-unit-follow, up to **9** units
- 10 Unlimited numbers of users
- 11 Charts and statistics
- 12 Tracking history
- 13 Driver behavior tracking
- 14 Better communication

\* Calculated according to average savings by eliminating unnecessary dispatching





**Fleet** is a mobile and web application that automates the process of fleet management and offers fleet owners and providers all the necessary tools to masterfully and proactively operate their fleets to cut costs and increase productivity.

### Features



Fleet & Fuel Management



Maintenance & Inspections



Issue Management



Dashboard & Reporting



Service & Renewal Reminders



Work Orders



Expenses Insights



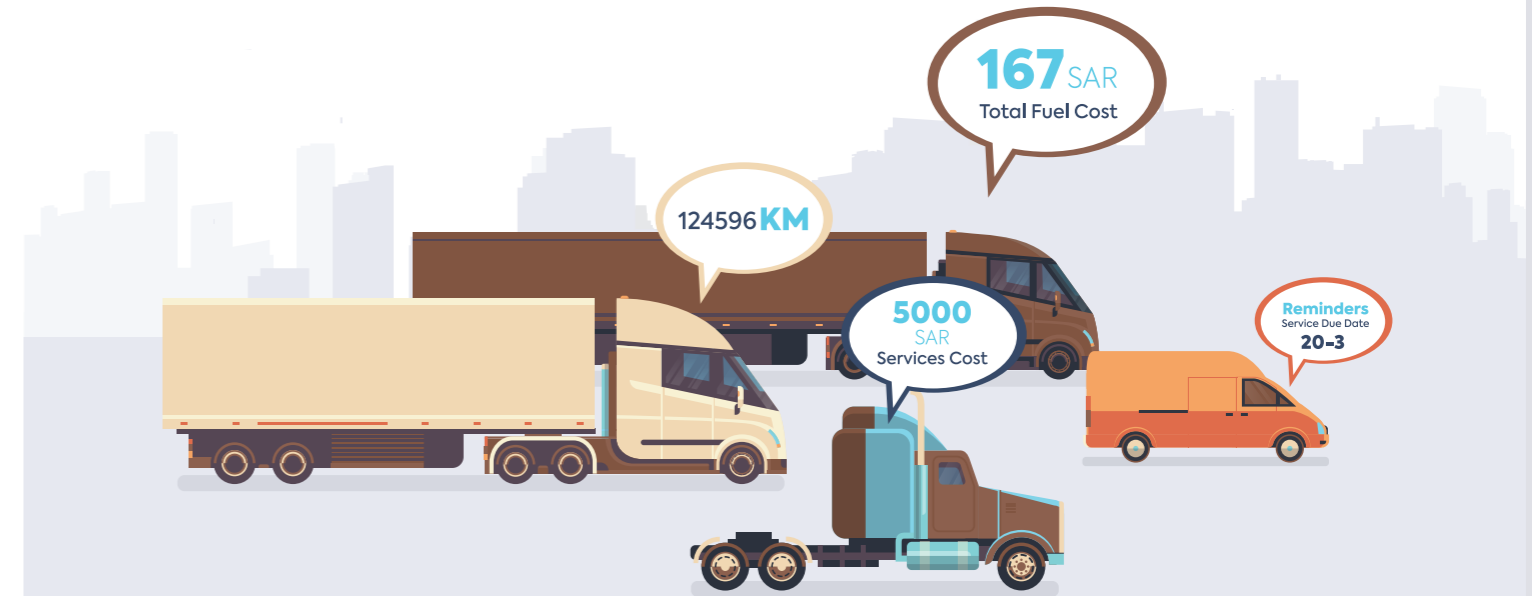
Parts & Inventory



Mobile App

### Fleet Benefits

- 1 Complete automation of workflow
- 2 Analytics-based decision-making
- 3 Flexible and tailored features
- 4 Vehicle usage monitoring
- 5 Pre-planned unit dispatching
- 6 Cost reduction
- 7 Easy scheduling
- 8 Resource optimization
- 9 Proactive problem solving





**Clean Cities** is an all-inclusive project from **AFAQY** created to keep our urban areas in a shiny, clean state. It is a prime example of using technology to serve and preserve the environment by automating the process of waste management.

**Clean Cities** provides three smart solutions that address the main challenges of waste management; **Waste Management, Waste Inspection, and Mardam/Smart Landfill.**

### Supported Technologies



Real-time Monitoring for Bins



Real-time Monitoring for Vehicles



Landfill Gates Controller



GPS Tracking



Real-time Notifications



Email Notifications



LPR Scanner



Weight Sensor

### Clean Cities Benefits

- 1 Reduced costs up to 80%
- 2 Automation of workflow
- 3 Better decision-making
- 4 Minimum labor
- 5 Better recycling
- 6 Green environment

### Portals



Waste Management



Waste Inspection



Mardam/Smart Landfill





**Journey mgt** is a web-based solution built specifically for planning and optimizing vehicles routes, helping you achieve higher consistency and transparency in your business.

**Plan** your fixed routes and optionally let the system optimize them dynamically based on various real-life constraints.

**By** using **Journey mgt** you can streamline your operation by minimizing manual effort in daily decision making, reducing distances travelled, and saving on logistics costs.

## Features



Assign vehicles & drivers to your pre-defined routes



Create tasks from checkpoints on-the-fly



Force-select stops manually & re-optimize routes



Pre-schedule and plan your operations



Create routes by assigning start & stop points



Modify routes by adding custom checkpoints & stops



Auto-optimize routes based on distance, time, or both

## Journey mgt Benefits

- 1 Minimize time wasted in-transit
- 2 Save on logistics costs
- 3 Monitor & control your operation
- 4 Use stand-alone or integrate into other solutions
- 5 Get notified with and log route violations



Using technology in the service of education is one of **AFAQY**'s guiding principles and aiming to provide a safe environment where our children can learn and flourish, **AFAQY** developed **Aman**; a solution that offers accurate bus tracking for schools, parents, and students.

### Supported Technologies



GPS Tracking



Real-time Notifications



Best Route Selection

### Portals



Mobile App for Parents  
(Android, iOS)



Mobile App for Students  
(Android, iOS)



System Admin  
Portal



Driver Tablet

### Aman Benefits

- ④ Boarding notifications
- ② Arrival notifications
- ③ Wrong drop-off notifications
- ④ Driver behavior monitoring
- ⑤ No waiting time
- ⑥ Route optimization
- ⑦ Easy communication
- ⑧ Automated student attendance





**X Rent** is a solution developed by **AFAQY** to provide a smart system for car-sharing and renting for customers registered on the app.

Grant your clients access to nearby cars directly from their phone. They can simply book, unlock, and enjoy a better car rental experience with **X-Rent**.

### Supported Technologies



Secured  
Login with  
OTP



Smart Vehicle  
Remote Control  
(Door lock/unlock,  
Engine start/stop)



Real-time  
Notifications



Real-time  
Geofencing



Vehicle  
Anti-Theft



Mobile  
Application  
(Android, iOS)



OBD Data  
Reading



Accurate  
CANBUS  
Reading

### X Rent Benefits

- 1 Live location tracking & history
- 2 Driver behavior monitoring
- 3 Remote engine shutdown
- 4 Overspeed alerts
- 5 Paperless workflow
- 6 Vehicle and fuel status





To drive your car rental business to the desired success, you need reliable tools that achieve speed, transparency, and accountability. Vehicle Diagnostics **VDX** is the tool every car rental agency and client aspire to have to achieve such success.

### Features



Service History



Powerful Fleet Insight



Issue Management



Monitor Inspection Integrity



Maintenance Vendor Network

### VDX Benefits

- 1 ▶ Damage reporting
- 2 ▶ Digital contracts
- 3 ▶ Role-based permissions
- 4 ▶ Automated workflow
- 5 ▶ Statistics and reports
- 6 ▶ Customer satisfaction
- 7 ▶ Customizable car specifications
- 8 ▶ Eliminate paperwork





**Smart Taxi** is a solution that provides a uniquely-crafted cab experience for individuals & businesses around the Kingdom.

You can customize **Smart Taxi** according to your budget, status, and preferences. Cab Companies, ridesharing companies, airports, and other businesses can benefit from the many features of **Smart Taxi**.

### Supported Technologies



GPS Tracking



Real-time Calculations



SOS



Connected & Certified from WASL



Accurate CANBUS Reading



Android Application



MDVR & CCTV



Seat Sensor



Receipt Bluetooth Printer



Electronic Payment



Driver Application

### Smart Taxi Benefits

- 1 Advanced AI algorithms
- 2 Video and GPS playback
- 3 Driver behavior monitoring
- 4 Reports and analytics
- 5 GPS tracking and alarm
- 6 Better customer experience



# SMART PARKING

Arbitrary looking for a parking space the traditional way no longer suits our fast-paced lifestyles and jam-packed cities.

**Smart Parking** from **AFAQY** is an application created to solve the problems of parking. No time wasted, no hassle. Just a smart way to park.

## Supported Technologies



SAAS



GPS  
Tracking



Real-time  
Monitoring



Real-time  
Notifications



SMS, Email  
Notifications



Secured &  
Encrypted  
Communications

## Smart Parking Benefits

- 1 Optimized parking
- 2 Reduced traffic
- 3 Reduced pollution
- 4 New revenue streams
- 5 Integrated payments
- 6 Increased safety
- 7 Lower management costs





Animal Tracking is an innovative IoT solution developed by AFAQY, designed to monitor and protect wildlife populations. Utilizing advanced tracking technology, this system provides real-time data on animal movements, behavior, and habitat preferences.

### Supported Technologies



Real-time vital monitoring for racing animals



Customizable Tracking Intervals



Activity Monitoring



Alert System



ARGOS & Iridium satellite tracking



Habitat Mapping



Data Analysis Tools



Secure Data Storage



Adjustable collars for marine & land wildlife.

### Animal Tracking Benefits

- 1 Improved conservation efforts
- 2 Effective habitat management
- 3 Prevent illegal activities
- 4 Scientific research
- 5 Enhanced public awareness
- 6 Cost-effective monitoring





Delivering ready-mix concrete to construction sites has its challenges. With **Ready Steady-Mix, AFAQY** provides ready-mix concrete suppliers with an outstanding solution that ensures the consistent manufacturing and flexible transportation of concrete from plant to site.

### Supported Technologies



SAAS



GPS Tracking



Real-time Monitoring



Real-time Notifications



SMS, Email Notifications



Secured & Encrypted Communications



Concrete Mixer Sensor



Flow Meter Sensor

### Ready Steady-Mix Benefits

- 1 Accurate sensors
- 2 Route optimization
- 3 Live screen capabilities
- 4 Preserve quality during transit
- 5 Geofencing
- 6 Analytics and reports
- 7 Notifications and alerts
- 8 Monitor concrete operation time





In our modern age, many industries are seeing significant global expansion, especially e-commerce, retail, pharmaceuticals, and food and beverage. Thus, the need to monitor warehouses has become more critical to protect perishable assets and goods from damage.

**SenseWare** is a smart solution that uses modern technology to keep you in control by monitoring physical, atmospheric and safety conditions inside and outside warehouses.

### Supported Technologies



SAAS



Atmospheric  
condition sensors



Real-time  
Monitoring



Real-time  
Notifications



SMS, Email  
Notifications



Secured &  
Encrypted  
Communications

### Senseware Benefits

- 1 Easy installation
- 4 Wireless data collection
- 2 Safety monitoring
- 5 Third party integrations
- 3 Preemptive actions
- 6 Reduced maintenance costs





Building Management System (**BMS**) is a comprehensive IoT solution designed to optimize building operations, enhance occupant comfort, and ensure safety. This intelligent system integrates various building components and systems into a centralized platform, offering real-time monitoring and control.

### Features



Air Quality Detectors



Fire Detection Alarms



Gas Detectors



Building Security & Access Control



Smart Cameras



Automation Systems



Smart Lighting System



Smart Curtains



Smart AC Switch



Smart Fire Alarm

### BMS Benefits

- 1 Improved energy efficiency
- 2 Reduced operational costs
- 3 Enhanced occupant comfort
- 4 Increased building safety and security
- 5 Centralized control
- 6 Data-driven insights



# Smart Poles

AFAQY's Smart Poles solution is a comprehensive urban infrastructure system that integrates various environmental sensors, surveillance capabilities, and smart city technologies into a single platform. This solution aims to enhance urban living by providing real-time data collection, improved safety measures, and efficient city management tools.

## Smart Poles Benefits

- 1 Improved environmental monitoring
- 2 Improved residents' quality of life
- 3 Enhanced urban safety
- 4 Efficient traffic management
- 5 Smart parking management
- 6 Versatile and Scalable
- 7 Reduced operational costs through automation

## Features

		
Environmental Condition Sensors	Surveillance and Counting	Digital Signage
		
Traffic Management System	Parking Management System	Real-time Data Collection





**AFAQY's** Mobile Driver and Workforce Management (**MDAWM**) solution is an advanced tracking and management system designed to optimize workforce operations and enhance delivery services. This comprehensive platform leverages real-time location data to improve efficiency, accountability, and customer satisfaction.

### Features

-   
 Monitor Employee's Location
-   
 Track Driver Live Location
-   
 Performance Reports
-   
 Soft POS
-   
 Track Goals and Achievements
-   
 Managed Workflow and Departments
-   
 MDM (Mobile Device Management)

### Mdawm Benefits

- 1 Improved workforce productivity and accountability
- 2 Enhanced delivery efficiency
- 3 Optimized resource allocation
- 4 Reduced operational costs
- 5 Data-driven decision-making
- 6 Accurate performance management
- 7 Increased customer satisfaction



# Smart Gates

Our **Smart Gates** solution is an advanced access control system designed for both residential and commercial properties. It combines cutting-edge AI technology with user-friendly operation to enhance security, efficiency, and convenience.

## Features



AI-powered LPR Cameras for Entry and Exit



Automatic Number Plate Reader (ANPR)



Vehicle Type, Brand, and Color Recognition



Dual-IR LED Technology for Night Vision



Customizable Lane Configuration



White/Black List Functionality



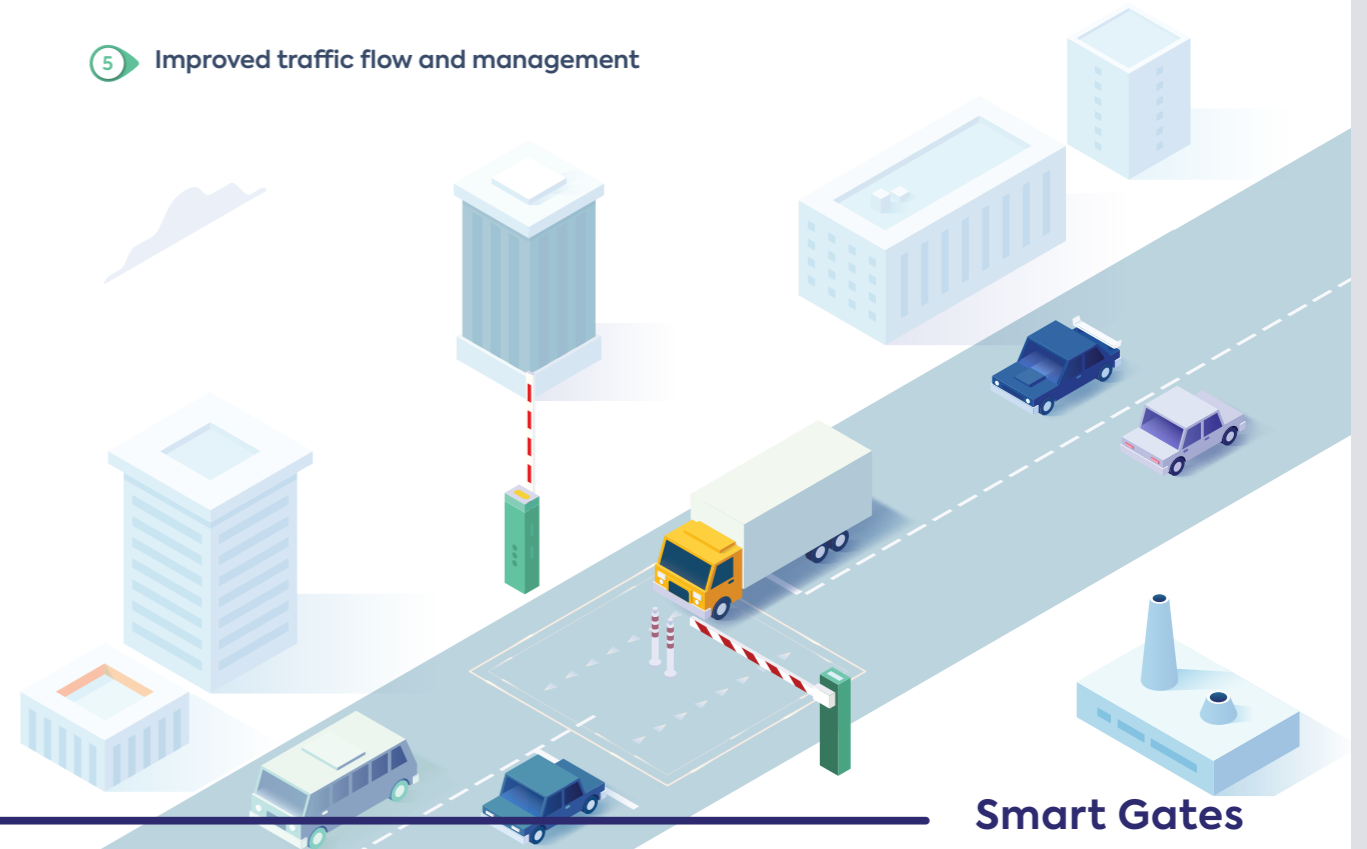
Centralized Software Platform



Integrates with Existing Security Systems

## Smart Gates Benefits

- 1 Enhanced security
- 2 Advanced data collection
- 3 Reduced manual intervention
- 4 Deterrence of unauthorized access attempts
- 5 Improved traffic flow and management
- 6 24/7 operation capability
- 7 Flexible configuration options
- 8 Centralized management of multiple gates
- 9 Automatic alerts for unauthorized access attempts





Remote Management System (**RMS**) is an innovative solution designed to unify and streamline network infrastructure management for businesses with multiple locations. This comprehensive platform integrates various remote access technologies and management tools, enabling efficient centralized control and seamless operations across distributed sites.

### Features



#### Management

Reach and control all compatible Teltonika networks devices even if they don't have public IP



#### VPN

Set-up secure VPN tunnels to unlimited number of endpoints with just a few clicks! an excellent choice for remote PLC and machinery access.



#### Connect

Access any smart devices via HTTP/HTTPS or ssh & configure them using WEBUI or CLI as if you are in front of them



#### Remote Desktop

Control laptops, desktop, Industrial computers and other devices running windows or Linux via RDP or VN-C remotely



#### API

Transfer the functionality you want from RMS into your own IoT platform

### RMS Benefits

- 1 Simplified multi-location management
- 2 Enhanced security
- 3 Centralized control and standardized protocols
- 4 Reduced IT support costs and response times
- 5 Improved operational efficiency and resource utilization
- 6 Scalable solution.
- 7 Seamless integration through API



# MORAQABA Vehicles

From urban traffic management to public safety and fleet operations, **Moraqaba** offers a unified platform for monitoring, analysis, and rapid response to incidents, helping organizations and municipalities create safer, more efficient environments. This integrated, AI-powered surveillance and monitoring system is designed to enhance safety, security, and operational efficiency across various urban and organizational environments.

## Supported Technologies



Speed Detection  
Cameras



Body Cameras



MDVR & CCTV



IVMS  
(In-Vehicle Monitoring  
System)



Secured &  
Encrypted  
Communications



SMS, Email  
Notifications



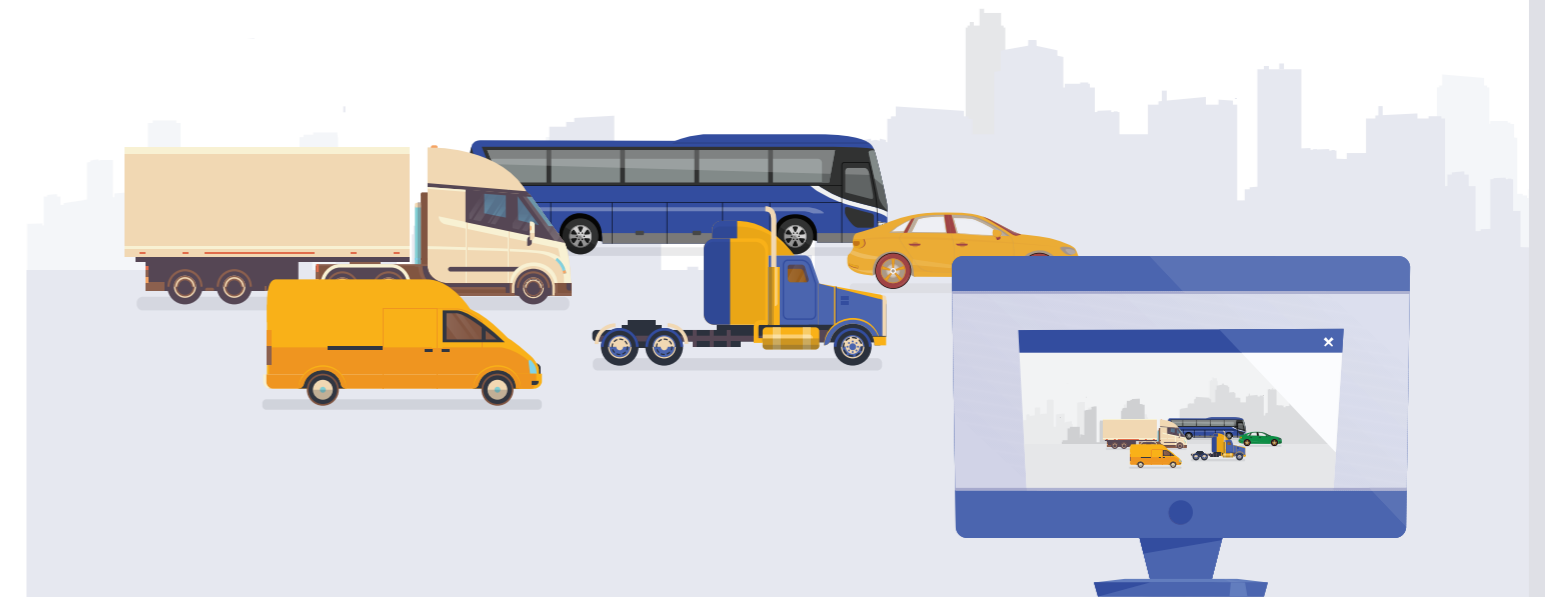
Real-time  
Monitoring



Real-time  
Notifications

## Moraqaba Benefits

- 1 Remote access to Moraqaba
- 2 High-definition images/videos, zoom-in ability
- 3 Infrared cameras, up to 80m vision in darkness
- 4 Speaker attached to the cameras
- 5 Up to 2 terabyte hard disk-drive
- 6 Live viewing recording, playback, backup and copy



# MORAQABA

## AI Cameras

From urban traffic management to public safety and fleet operations, **Moraqaba** offers a unified platform for monitoring, analysis, and rapid response to incidents, helping organizations and municipalities create safer, more efficient environments. This integrated, AI-powered surveillance and monitoring system is designed to enhance safety, security, and operational efficiency across various urban and organizational environments.

### Supported Technologies



NVR & CCTV



Video Surveillance & Analytics



AIoT Cameras



Speed Detection Cameras



SMS, Email Notifications



Secured & Encrypted Communications



Real-time Monitoring



Real-time Notifications

### Moraqaba Benefits

- 1 Remote access to moraqaaba
- 2 High-definition images/videos, zoom-in ability
- 3 Speaker attached to the cameras
- 4 Live viewing recording, playback, backup and copy
- 5 Region entrance/exit
- 6 Motion detection
- 7 Facial recognition
- 8 Tamper detection
- 9 Object left/removed
- 10 Loitering
- 11 5G Connectivity
- 12 Edge Computing
- 13 AI Video Analytics



# DOZER PRO

Heavy Equipment Operational Monitoring

AFAQY Dozer keeps you updated in real-time with the actual operational hours of your heavy machinery and equipment so you can have accurate wear & tear reports and reduce your maintenance costs.

## Supported Assets



AT crane



RT crane



Crawler Crane



Boom Truck



Fork Lift



Scissor Lift



Telescopic Man Lift



Articulated Man Lift



PWAS



Generator Tracking

## Dozer Pro Benefits

- 1 Track Operational Duration
- 2 Get Notified of Operational Errors
- 3 Real-Time Live Monitoring
- 4 Generate Operational & Error Reports
- 5 Save On Asset Maintenance Costs
- 6 Operate Smoothly with No Surprises



# Asset Tracking

AFAQY's Asset Tracking solution offers real-time monitoring and management of diverse assets using advanced IoT technology. Our system employs IoT tracking devices, active RTLS tags, and passive tags to provide comprehensive visibility of valuable items, equipment, personnel, and even linens. This versatile solution enhances operational efficiency, reduces losses, and optimizes resource allocation across various industries. With AFAQY's Asset Tracking, businesses gain the insights needed to make informed decisions and streamline their operations effectively.

## Tracking



People Tracking



Linen Tracking



Valuable item products



Inventory Tracking



Trailers Tracking



Weapon Tracking

## Asset Tracking Benefits

- 1 Real-time Visibility
- 2 Cost Reduction
- 3 Enhanced Security
- 4 Inventory Management
- 5 Theft Prevention
- 6 Automated Reporting



# Smart Agriculture

AFAQY's Smart Agriculture solution leverages cutting-edge IoT technology to revolutionize farming and gardening practices. By integrating advanced sensors, intelligent controllers, and cloud-based analytics, our system optimizes water usage, enhances plant health, and reduces operational costs for agricultural operations of all sizes.

## Features



Advanced Sensor Network



Intelligent Central Controller



Precision Irrigation System



Expandable System



Cloud Integration and Smart Software



Flexible Power Options



Multi-Protocol Communication

## Smart Agriculture Benefits

- 1 Water Conservation
- 2 Cost Efficiency
- 3 Enhanced Crop Health
- 4 Remote Management
- 5 Scalability
- 6 Data-Driven Insights
- 7 Environmental Sustainability
- 8 Customization



## Industries We Serve

The diverse scope of **AFAQY**'s solutions and services enables us to serve a large number of industries and businesses. At **AFAQY**, we pride ourselves in being a service-provider to some of the most reputable clients in the public sector, the private sector, and even to individuals.

### Governmental & Public Projects

 Municipalities	 Smart Compounds	 Public Enterprises	 Civil Services
 Ministries	 Police and Law Enforcement	 Residential Areas	 Public Spaces <small>(Streets, Airports, Parking Lots, etc.)</small>
	 Transportation	 Emergency Services	

### Solutions

**Smart Taxi**   **Buraq**   **Clean Cities**  
**Smart Parking**   **Fleet**   **Moraqaba**






### Education

 Daycares	 Schools
 Universities	 Students and Families

### Solutions

**Aman**   **Buraq**  
**Moraqaba**   **Fleet**

### Travel & Hospitality

 Hotels	 Resorts	 Malls	 Airport Taxis
 Travel Agencies	 Restaurants	 Cafes	 Tourists
 Stores	 Spas		

### Solutions

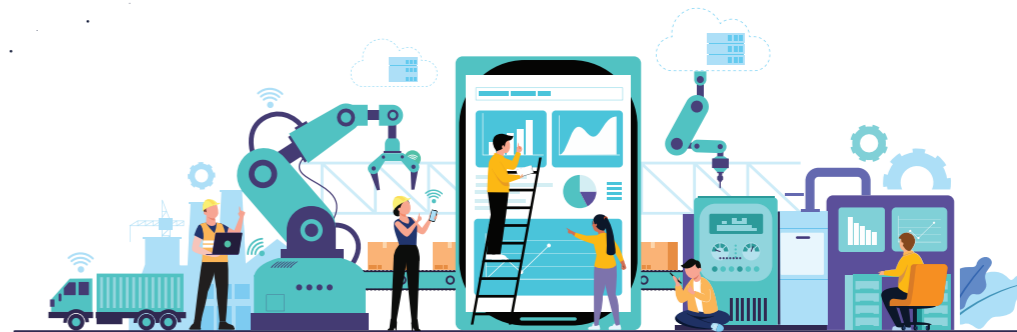
**X Rent**   **Smart Taxi**  
**Moraqaba**   **Smart Parking**

### Healthcare & Pharmaceutical

 Ambulance	 Clinics
 Pharmacies	 Individual Patients
 Hospitals	

### Solutions

**Buraq**   **Fleet**  
**Senseware**



**Fleet Owners & Vehicle-Based Businesses**



Food and Beverage



Transportation Ridesharing



Supply Chain Management



Truck and Car Leasing



Trucking



Online Retail



Offline Retail



Asset-based Carriers



Transportation



Cash in-Transit



Consumer Goods



Delivery and Shipping

**Solutions**

**Fleet VDX**   **Smart Taxi**   **Buraq X Rent**   **Senseware Smart Parking**

**IT & Telecommunications**



Telecommunication Companies



Telecom Maintenance Companies

**Solutions**

**Senseware**

**Construction, Manufacturing & Logistics**



Third Party Logistics



Heavy Equipment



Construction and Real Estate



Oil and Gas Companies



Energy & Utilities



Construction Companies



Real Estate Development



Water Companies



Logistics



Construction



Factories

**Solutions**

**Buraq Fleet Ready Steady-Mix**

**Environment**



Cleaning Companies



Recycling Companies



Water Companies

**Solutions**

**Buraq Fleet Clean Cities**



### Our Clients

