

SMART GEOSERVICE™

Spatial data engineering is utilized to build a fast real-time geographical and spatial operations. Combined with reliable data streaming , ATOMS is capable to process a huge number of data points per second through using SmartGeoServices .

Vehicle Tracking

1 Ability to track any moving asset utilizing various positioning technologies to get real-time location of moving vehicles and assets

GeoFencing

2 Ability to create custom GeoFences where moving vehicles are detected within the GeoFence along direction entry/ exit

Real-time Monitoring

3 Monitoring all connected vehicles and assets in real-time along their speed, directions, availability, violations of GeoFences and forbidden zones, etc

Playback

4 Full audit trail and log for every data point for each vehicle. This allows more sophisticated and smooth investigation for any violation through visual playback of vehicle(s) movement

Custom Routes

5 Ability to build custom routes highlighting allowed directions for each route and crossing point through solution routes visual editor

Notification Customization

6 Send notifications to specific user or group of users through different channels (SMS,Email .. etc) for different events like speed and geofence violations



Smartera 3S is specialized in building products with business value. Smartera 3S combines both vertical domain knowledge and technology trends knowledge to come with a value-added blend for its clients.

ATOMS solution is supported 24/7 around the year including holidays by specialized team through various channels.

Contact Us

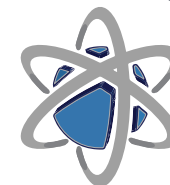
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ATOMS™

Airports Traffic & Operation Management System



Airports Traffic & Operation Management System

نظام ادارة حركة و تشغيل المطارات



WHAT IS ATOMS™ ?

ATOMS is an Airport Traffic and Operations Management System that tracks on-ground mobile vehicles, objects, or assets.

The system serves various stakeholders in the airport:

- Companies and Contractors
- Airport Management Team
- Airport Security Team
- Vehicle Drivers
- Administration Teams
- Field Operations



OUR SERVICES



Vehicle tracking



Geofencing



Vehicle Availability



Real-time monitoring



Playback



Custom route



Schedule order



Maintenance Management

Value we Deliver

CONTROL ATOMS™ provides control over ground activities at airport yard. It provides real-time security monitoring.

It allows fast-response of security team in case of violations or non-authorized entry of vehicles to airport. Integrating system with vehicles permissions allows monitoring unauthorized or expired access. With unmatched capabilities to add custom-routes, playback of every movement and retaining as much historical data as required, ATOMS provides full control features.

EFFICIENCY ATOMS™ increases efficiency of its users through utilization of its powerful order management system.

The system provides capabilities to field team to provide orders that is integrated with flights and planes movement for passengers, fueling, and maintenance services. This increases utilization of resources and their efficiency.

SCALABILITY AND RESILIENCE ATOMS™ provides high scalability through using cloud-based technologies with latest security mechanisms.

System can be deployed on public or private clouds based on customers data policies.

FLEXIBILITY AND VERSATILITY ATOMS™ supports multi-channels operations through web access or mobile access for field and executive teams. This allows full flexibility of operations and suits various use cases.