



# Driving you towards the future of inspection and maintenance

rta.ae

RTA is in pursue to develop the inspection and maintenance system, by supporting the system with modern technical and digital systems. Where the project to upgrade the smart inspection system and the institutional asset management system was launched.

## Inspection

### 01 Inspection planning

- Improving and reengineering shifts planning
- User-friendly, smartphone-compatible interface
- Editing approved inspection plan

### 02 Reviewing and implementation

- Improving inspection models
- Redesigning workflow to reduce intervention
- Integrating with geographical information systems to provide live tracking for inspectors' locations

### 03 Post Inspection

- Allowing communication and issuing notifications during the inspection process
- Reengineering the fines transfer process for collection systems
- Implementing a flexible tool to accurately calculate fines
- Integrating with the customer management system to receive and follow up on objection requests

14 Number of benefiting departments | 18 Increase in tech systems integration  
600 Users | 288 Number of used devices

## Tools

S-Taftesh | GIS | Maximo

## Maintenance

- Improving the automation process of the asset's life cycle transactions
- Transferring RTA's systems from GRP to Maximo system
- Linking with several institutional systems such as the Geographic Information System and the Paving Management System
- Supporting the maintenance and inspection system through automating the website visit and tracking work orders
- Automating RTA's investment plan and calculating the return on investment.

2 Mobile Apps | 2 Number of moved warehouses / Total number of RTA warehouses | 20+ Number of integrations with the new supporting systems | 1,1M Number of assets and segments that have been linked to the GIS system | 350+ Number of operations performed, or improvements made