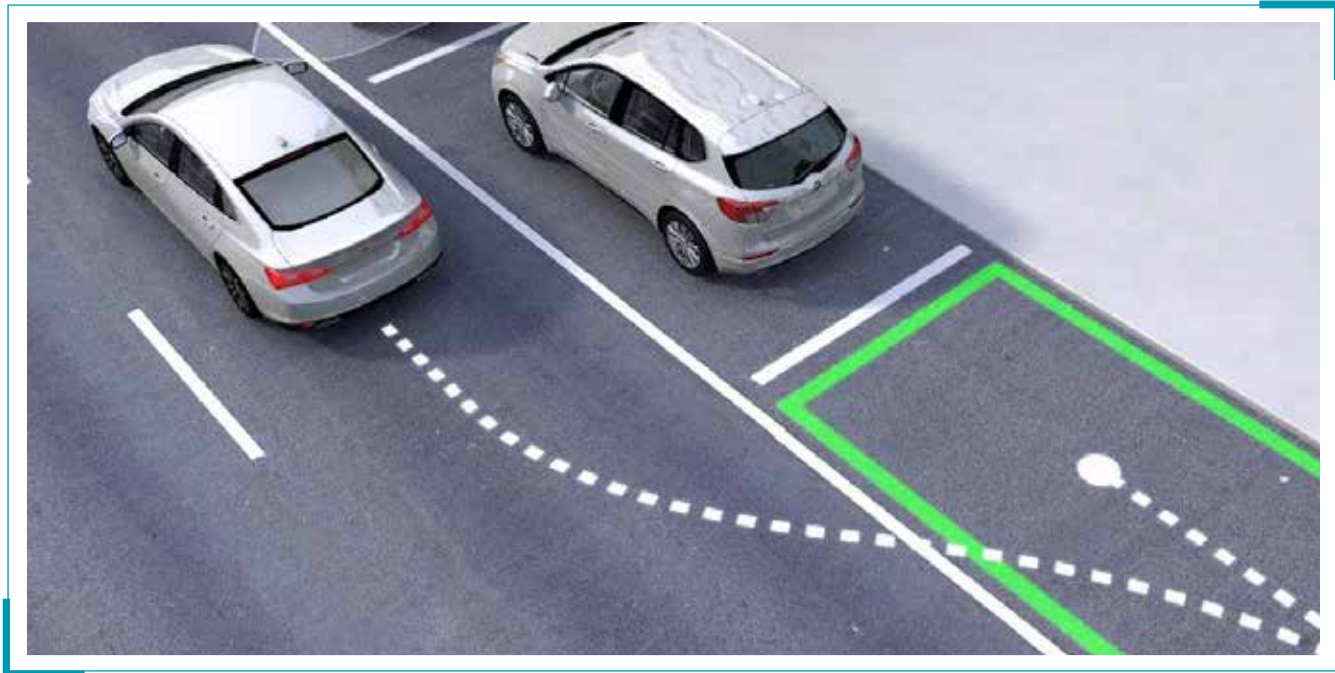


News

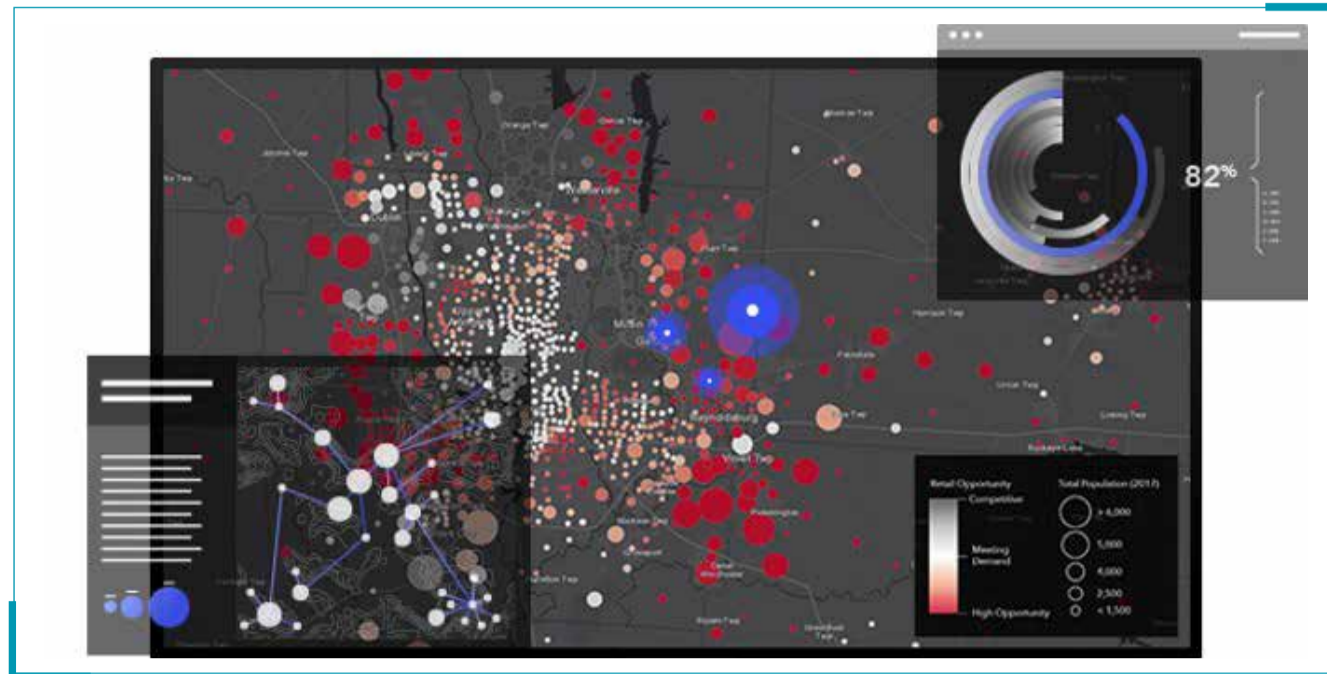
Smart Parking Test System (SPTS)

Tatweer developed a Smart Parking Test System (SPTS), as part of our continuous development and enhancements for the Smart Driving Solution. The SPTS utilizes machine learning and computer vision analysis to evaluate the performance of those looking to get their driver's license in Parking, Reverse and Bridge tests. The SPTS assesses the applicant's overall performance and displays any mistakes during the examination period.

SPTS provides complete automation for the testing process with minimum human intervention to ensure transparency, credibility, integrity, and accuracy.



Tatweer's Road Assets Data Collector (RADC)



Tatweer developed the Road Assets Data Collector application to benefit site inspectors in collecting and updating road asset data based on GIS locations. This provides better data accuracy, captures visual media to support data validation, utilizes machine learning analysis for faster data validation, reduces human error, and helps inspect geodetic referenced road assets at high accuracy level. The RADC application is deployed on hand-held devices to

survey streetlights and road assets to check their conditions. These devices allow on-spot mapping, improving the accuracy of spatial data that aid in more timely and informed decisions.

The data collected from the application provides insights for planning the assets maintenance operations and provides predictions for the corrective maintenance. This implies its impact in increasing the asset value and life span.

Tatweer Upgraded the Smart Vehicle Impounding Service (SVIS) by adding a VIP feature

Ever since the Abu Dhabi police's smart impound system was launched in 2019, over 10,402 customers have benefited immensely from it, the SVIS restricts the movement of the vehicles while it allows the vehicles impoundment at the owner's residence instead of the traditional designated impound yards. Abu Dhabi Police has recently deployed and upgraded Tatweer's Smart Vehicle Impounding Service (SVIS) by adding a VIP feature.

The VIP feature provides users with a smoother, more accessible experience. Motorists choosing to avail of this feature will be visited by a team of technicians at the vehicle's location to install the smart device. The SVIS will monitor the period of impoundment and send out alerts in case of any violations. Once the impoundment period is over, the motorist will be notified and given the option to schedule the installment of the device at the vehicle's location.

Tatweer's Smart Driving Center was visited by the Executive Director of Central Operations Sector at Abu Dhabi Police

The Smart Driving Test System (SDTS) developed by Tatweer was demonstrated to the Executive Director of Central Operations Sector at Abu Dhabi Police during his visit to the Drivers Licensing Department. The visiting official was briefed by the Director of the Vehicles and Drivers Licensing Directorate, on the SDTS mechanism. While our team provided a brief description of SDTS's Control and Monitoring Room, along with the other modern features the system offers. The attendees commented that the Smart Driving Test represents a qualitative leap and a pioneering initiative in the artificial intelligence field, allowing applicants to obtain their driving licenses using this system is fitting to the highest international standards.

Achievements

Design Management and Supervision of The New Addressing System In Al Ain City

This project aims to supervise the production and installation of overhead Main Street Name Signs, Internal Street Name Signs, Rural Road Name Signs, Address Number Signs, and Address Number Guide Signs in the entire municipality of Al Ain. The main scope of this project is to ensure sustainability and its integration with Al Ain Municipality operations. This project is one step of many towards a smart city. The project also includes preparing a database for the Addressing System and creating a layer in the geographic information system (GIS) for the addressing and spatial guidance system in Al Ain City Municipality and the Department of Municipal Affairs and Transport. This incorporates the project on smart systems such as the QR Code system, which will help individuals, departments, and service institutions provide their services to the population effortlessly and in a short time. In case of emergency, the QR code can be scanned to locate the nearest hospital, pharmacy, etc. Once scanned, the QR code also provides you with access to different databases you may need. Additionally, the project aims to propose innovative ways to capitalize on the Addressing system to generate revenue and better utilize the New Addressing system.



Landscape works for Highways in Mainland



Tatweer has successfully completed the landscape design and construction of the Al Houbara roundabout in Abu Dhabi. The 2,928 square meters roundabout includes six sculptured falcons and 27 houbaras surrounded by a mixture of hardscape, softscape, and lighting centered a beautifying water feature. The design reflects the UAE's wildlife. The falcon is the national bird of UAE and is a symbol of force and courage, recognizing the importance of falconry in Arab tradition and culture. While the houbara bird is essential to the art of falconry that is so intrinsic to Arabic culture.

Safety Moments

Dense fog can cause very hazardous conditions for drivers due to reduced visibility. Following are few tips on how to be safe while driving in such extreme conditions in the UAE

Follow instructions posted on the road

Instructions of reducing speed will be posted and sent out in case of emergency

Reduce your speed

You can not see the road or other vehicles; low speed can help you reach safely

Drive with low beams and fog lights

High beams can worsen visibility because they reflect off the fog

Increase the distance between other cars

A good rule of thumb is to increase your count distance by at least 5 seconds instead of the usual 2 seconds behind another vehicle

Use the right edge of the road as a guide

This edge helps you stay in your lane and not "drift" into the middle lane

Use windshield wipers and defrosters

Limits excess moisture on the window and reduces glare



UAE Hope Mission Has Returned its First Picture of Mars

As the UAE's Hope Probe sends back its first images of Mars, we would like to say:

As a technology-driven company, Tatweer sends the warmest congratulations to the leaders and the people of the UAE for continuing to be at the forefront of progress and inspiring future generations across the region.

The sky is not the limit. It is only the beginning.
Mission Accomplished!

