

CROSS-BORDER ANPR

Automatic Number Plate Recognition (ANPR) integrated with Intelligent Transport Management System (iTMS) at the Abu Samra (Qatar-KSA) Land Border



Traffic Tech (Gulf) supplied, installed, and commissioned 18 lanes of ANPR System integrated with iTMS (Intelligent Transport Management System) at Abu Samra, the border that links the State of Qatar and the Kingdom of Saudi Arabia. The system is used by the Borders and Immigration Authority of Qatar to monitor and control all vehicles coming in and out of the country.

The project was commissioned in June 2011 with 16 operational lanes, and two additional lanes were later added in March 2012. Traffic

Tech implemented the project through a subcontract agreement with the main contractor, Iteqan Technologies Qatar.

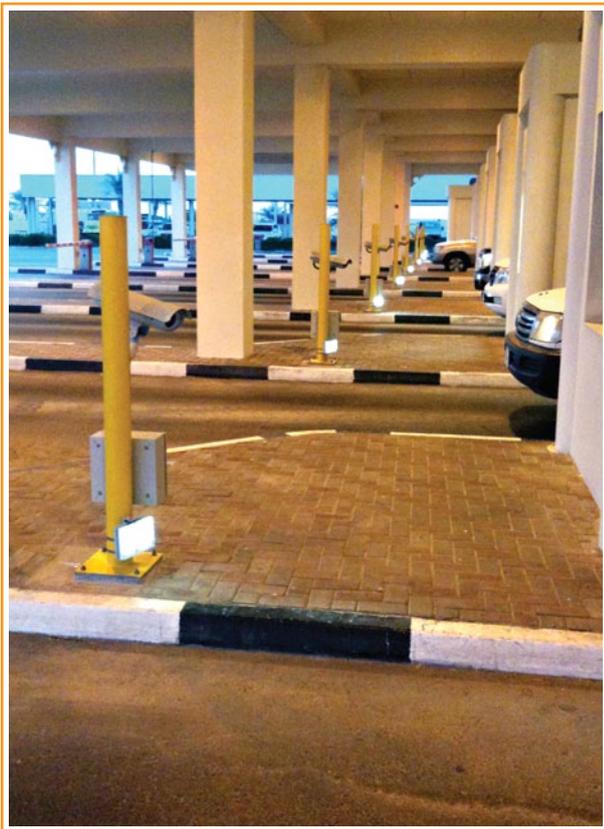
The system is the first of its kind in Qatar. It recognizes not only vehicle license plates, but also vehicle's country of origin and license plate type (e.g. private, pickup, diplomat, taxi, etc).

As vehicles throughout the GCC use the Abu Samra Land Border, the ANPR system can recognize license plates of all GCC countries

including Qatar, Saudi Arabia, United Arab Emirates, Oman, Kuwait and Bahrain. During the development phase, it was carefully taken care of that the ANPR system recognizes not only Qatari and Saudi license plates but all of these GCC countries with highest accuracy levels for each different plate origin and plate type.

The ANPR system is seamlessly integrated with iTMS (Intelligent Transport Management System) which processes the immigration of all the people and vehicles crossing in and out

of the border. In the past immigration officers had to type license plate numbers of each vehicle and key-in the origin and type of license plate which was time consuming and prone to error. With the introduction of this automated system, each vehicle is now recognized as soon as it reaches the Immigration counter. The iTMS system receives the license plate information from the TTG SmartANPR System and automatically retrieves the necessary information from the vehicle database.



Traffic Tech (Gulf) W.L.L.

Milaha Commercial Bldg. - Zone I, East Industrial Street,

P.O. Box 30704, Doha, Qatar

Tel: + (974) 44269000

Fax: + (974) 44666832

E-mail: ttg@traffic-tech.com

Traffic Tech for Security Systems

Milaha Commercial Bldg. - Zone I, East Industrial Street,

P.O. Box 30704, Doha, Qatar

Tel: (+974) 44269000

Fax: (+974) 44666832

E-mail: tts@traffic-tech.com