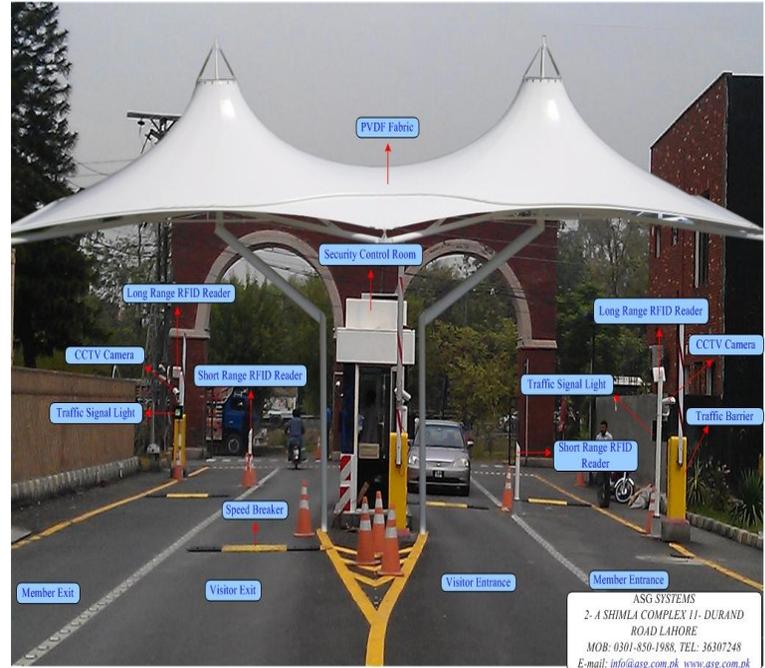# ASG SYSTEMS at Tech Society, Lahore, Pakistan

Summary

Away from the hustle and bustle of the mainstream residential areas of Lahore, such as Gulberg, Defense and Cantonment, comes peaceful TECH Society. Located on Canal Road opposite Johar Town, this small housing scheme has a lot to offer in terms of its unique culture, proximity to shopping, dining out places and the peace and serenity it offers to its residents. The Society has three blocks: A, B and C which are spread over an area of 577,000 square yards (1154 kanals). The 500 plots which make up the Society are divided into two sizes: 400 and 800 square yards (16 and 32 marlas respectively).One of the most important reasons why people choose to live in gated communities is the enhanced safety it provides. With an Automatic Vehicle Identification (AVI) system the passage through the community's gates becomes both safe and convenient.

Challenge

The size of the community creates an increased demand for fast and secure access control to prevent queues. Tech society wanted a way to give each resident specific vehicle access rights. Access control of authorized vehicles to the different areas required a system easy to use at any time of the day.

Solution

The Tech Society decided to go with the long-range RFID system. Long range AVI systems can help you ensuring the speedy flow of traffic while contributing to a green environment. Readers were installed at one of the two entry lanes at each gate. This means that every gate has one lane for automatic vehicle identification and one lane for manual access authorization for guests and other visitors. All residents received an ID-tag, easily mounted inside the windscreen. Some of the gates are unguarded during night time, however, secure authorization and access is provided to the ID-tag owner with readers in combination with video surveillance. The customized software connects the gate equipment with a central database, allowing Tech Society staff to manage and update user records remotely.

Products Used:

PR900 Reader (Long Range 860-960MHz)

UHF Anti-tamper Label (860-960Mhz)

E-Tagging Management Software

CCTV Cameras

Automatic Traffic Barriers

DVR

Automatic Traffic Barriers

Loop Detector System