FAST FACTS

Customer

Harris County Toll
Road Authority

Technology Partners

Open Options Access Control

Mercury Security

Industry

Transportation

Geography

The greater Houston,

Texas Metropolitan area

Harris County Toll Road Authority

CUSTOMER

The Harris County Toll Road Authority (HCTRA) was created in 1983 Harris County Commissioners Court after Harris County voters approved a referendum to release $900 million in bonds to construct toll roads in the rapidly growing Greater Houston Metropolitan area. Today, the HCTRA works to improve mobility in the Greater Houston Metropolitan area through excellence in the operation of urban toll highway systems, while upholding a commitment to leadership, public service, and quality of life. Currently the HCTRA employs over 1100 people and is responsible for 107 miles of roadway in the Houston / Harris County area and 12 miles in Ft. Bend County.

CHALLENGES

Originally HCTRA purchased a Galaxy system that was unable to evolve with the ever-changing technology and expansion of the organization. The system was very unreliable, backing-up constantly, was not user friendly, and, most importantly, did not integrate with video management. The HCTRA needed a system that could be used to monitor and track violations at tollbooths without personnel at the location. Also, the HCTRA has over 1100 employees and required a system that could produce and manage credentials, which their Galaxy system did not.

SOLUTION

In 2006 SecureNet Houston teamed up with Open Options to provide the HCTRA with a solution to not only solve their current problems, but create a system that could stay up-to-date with the organization's constantly changing needs. DNA Fusion integrated with Fusion ID Credential Management and Milestone's XProtect were installed throughout 21 of the HCTRA's locations to not only provide access control, but a much needed video management system. The HCTRA project currently utilizes 21 SSP's, 130 sub-controller licenses, 244 readers, two elevators, ve InfoReaders, two badging stations, 77 cameras, graphic maps, and camera call-ups to complete the system. The HCTRA installation is ongoing and the organization is constantly growing. Plans to eventually replace current toll booths with unmanned booths will expand their system to use IP cameras and access control to monitor these locations.