

# CASE STUDY

## Riviera Beach, Florida USA

Serious about ALPR. Serious about Service.



### Customer Profile

Riviera Beach is a city in Palm Beach County, FL with a population of nearly 40,000. Riviera Beach has a diverse landscape of communities ranging from beautiful Singer Island, an exciting inter-coastal water way, a United States Coast Guard Station, the popular Port of Palm Beach, and a theme park that attracts 2.5 million visitors annually.

Founded in 1992, Riviera Beach is the easternmost municipality in the South Florida metropolitan area and is on the list of U.S. cities with predominantly African American majority populations. The Police Department is comprised of 114 sworn officers and 70 non-sworn employees who handle approximately 110,000 calls for service each year.

### Problem

With so many attractions bringing in visitors each day, it's easy for criminals to target vacationers, and Riviera Beach is made vulnerable to a variety of crime in general: stolen tags, robberies, burglaries, etc. Riviera Beach PD is making sure that the city is always protected, with a proactive mindset and forward thinking strategy - investing in technology that will benefit the safety of the Riviera Beach community.

Throughout the 80's and 90's, high crime was very prevalent in the city of Riviera Beach. Places that should've been considered safe were to be strictly avoided. In efforts to combat the high crime in Riviera Beach, they took proactive measures and invested in the latest technology: license plate recognition.

### Solution

Riviera Beach PD invested in the use of mobile, fixed and covert ALPR to protect Singer Island, the Port of Palm Beach as well as other beaches, and the residents of Riviera Beach. RBPD purchased fixed ALPR cameras, strategically positioned throughout the town to protect key resources and critical infrastructure. They also installed Road Warriors with a mixture of the variable message boards as well as the radar trailers that both incorporate ALPR, and 2 mobile systems in Singer Island and the Port of Palm Beach.

According to Assistant Chief Mike Madden, "A combination of fixed ALPR and mobile ALPR cameras provides enhanced monitoring of City borders, therefore providing early warning detection of watch-list vehicles and a hardening of our twenty-six (26) hard and soft homeland security targets identified in anti-terrorism threat assessments. ALPR Data is analyzed as part of the Departments intelligence led and predictive policing strategies and assist in the investigation of property crime and violent crime. ALPR data is used by investigators to identify suspects/witnesses and to corroborate information obtained through the investigative process."

#### NDI Recognition Systems

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### Results

With the installation of NDI's ALPR Systems, the city's safety has considerably improved. Since 2006, crime in Riviera Beach has dropped an overwhelming 52%. Assistant Chief Mike Madden states, "Both business operators and citizens have commented on the noticeable difference on the streets. We attribute our crime reduction largely to the technology efforts, to include NDI's LPR solution. RBPD coined and adopted the term, Technology Oriented Policing (TOP), to describe its method of policing. TOP integrates the latest crime fighting technology with a well designed and implemented Community Oriented Policing (COP) program. TOP applies policing strategy and philosophy based on the idea that technological applications, procedures, methods, and knowledge can help prevent crime and reduce the fear of crime within a community".

Riviera Beach PD uses the software on a regular basis in real-time responses to crime and as an investigative tool after the fact. Assistant Chief Madden adds that "the software is said to help disprove timelines that are developed during investigation." The ALPR software has also been used to solve a missing person's case and been used to identify the illegal use of stolen rental cars before the rental companies have even reported the theft.



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