



CUSTOMER SUCCESS STORY

WIRELESS TECHNOLOGY HELPED TO REDUCE PUBLIC SAFETY INCIDENTS BY MORE THAN 80%

In recent years, parts of Mexico have become increasingly known for having high security risks which have negatively impacted tourism and public safety. The new Governor of one of the states in Mexico implemented a “Safe City Project” to improve the safety of its residents and revitalize tourism.

CHALLENGED BY A LEGACY WIRED NETWORK

Consistently, public safety agencies received false distress calls to divert local authorities' attention while actual crimes happened around

the state. Lack of situational awareness was one of the main challenges identified as they were limited by a legacy wired network, which could only support voice communications, with limited low-resolution video capabilities.

To counteract this problem the Governor determined that a new communication infrastructure that could provide real-time situational analysis using high-resolution video surveillance was the answer. This would multiply the effectiveness of existing resources, while enabling better coordination of services among the different law enforcement agencies (Army, State Police, Federal Police, Drug Enforcement, Border Control and 911).

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communications



REDLINE OFFERS FIXED AND MOBILE SOLUTION

Redline was ultimately selected to build this network because of its ability to deliver a complete wireless infrastructure for both fixed and mobile assets. It offers reliable and secure support for multiple media types (voice, data, video) and has the unique ability to handle large number of high-resolution cameras over vast areas and long distances. As a solution, Redline deployed a wireless transport infrastructure to connect a state-wide network of cameras and

sensors to a new state of the art command center. This enabled representatives of all law enforcement agencies to collaborate in real-time and share information which allowed for quick decision-making and improved response time. Now they could verify emergency calls before deploying response teams.

SITUATIONAL ANALYSIS RESULTED IN REDUCED CRIME RATE

The deployed system now supports first-class public safety technologies including data storage, servers, HD cameras and an emergency communication network. Law enforcement agencies now have clear visibility of streets and activities with more high resolution cameras, plus voice recognition and analytics for incoming calls and a host of collaboration features which did not previously exist.

In less than one year, with 550 radios supporting 900 HD video surveillance cameras, the crime rate has reduced by 84% year over year. With an additional 200 radios to be deployed in early 2016, a total of 1500 cameras will be supported throughout the State and public safety is successfully being managed.

ABOUT REDLINE COMMUNICATIONS

Redline Communications is the creator of powerful wide-area wireless networks for the world's most challenging applications and locations. Used by Oil & Gas companies, militaries, municipalities and telecom service providers, Redline's powerful and versatile networks securely and reliably deliver voice, data, M2M and video communications for mission-critical applications.