



PUBLIC HOUSING SECURITY

CUSTOMER: **Vivienda Public Housing, Puerto Rico**

CHALLENGE: **Better protect residents of the public housing system in Puerto Rico (second largest in the U.S.)**

RISKS: **Vandalism; personal crime; privacy issues**

SITUATION

Although security guards were a common presence throughout the Vivienda Public Housing system, increased crime and the inability to effectively monitor suspicious activity was a growing concern to both residents and public safety officials. Communication from security guards to residents and police officers was another significant challenge. Solutions were needed to make residents not only feel safe, but to also help deter crime with a security system that would effectively monitor activities and improve communication.

SOLUTION

ObjectVideo and its partner, Avant Technologies, designed and implemented a sophisticated video surveillance system. Using ObjectVideo® OnBoard™, the system featured video analytics which enabled rules-based people detection, classification, tracking and real-time alerting. A video sentinel server serves as the video management platform engine, driving live and recorded video, controlling encoders and providing user access control. Additionally, a map-based graphic viewer provides access cameras with MPEG4 images. Because the installed cameras featured video analytics, the result was a completely automatic system to assist police officers.

BENEFITS

Because police can now detect, classify and track suspicious individuals in real-time, the system has become a true deterrent to crime. The centralized system has also greatly improved communication by eliminating redundancies and increasing shared knowledge among police officers and other public safety officials. Recorded video can be used as evidence in criminal investigations which can reduce associated costs to the government. The system has been so successful – reducing crime by more than 25 percent - that it has become a model intelligent system for public housing worldwide.

“In addition to helping us reduce crime, the intelligent video surveillance system has enabled us to improve communication throughout our police force and centralize our public housing issues.”

Carlos Laboy, Executive Director
Puerto Rico Public Housing Administration
 Puerto Rico
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