

SUCCESS STORY. BROOME COUNTY, NY, USA.



SMARTLY PROTECTING CRITICAL INFRASTRUCTURE

When Broome County in New York State took the decision to upgrade its public safety radio network, it required the highest quality video surveillance system, to safeguard its \$23 million investment in critical infrastructure. Working with Integrated Systems, a solution combining networked Axis cameras, illuminators and radar motion detectors, with Qognify's Ocularis video management system (VMS) was installed, to deter, detect and respond to unauthorized activity, at each of its nine new radio towers.

THE CHALLENGE

The county administration wanted to install a new radio network to replace a system that was in place since the 1970's helping to improve communications for police, fire, other emergency services and public works departments for the municipalities across the county. Such mission critical infrastructure

requires reliable round-the-clock security monitoring, so Integrated Systems was approached, for its reputation in the delivery of technology solutions to government and industry, to specify and install a new video surveillance system.

THE SOLUTION

President of Integrated Systems, Mark Hamilton, explains: "Each of the radio tower sites required a combination of networked PTZ and fixed cameras, as well as radar motion detection to provide comprehensive coverage that would ensure any unauthorized activity would be swiftly detected, automatically recorded and alerts triggered, to initiate a timely and appropriate response."

Axis camera and radar detection technology was chosen for interior and exterior use at each radio tower site and the award-winning

Ocularis to provide the all-important integration. Hamilton adds: "Early in our engagement with Broome County we urged them to migrate from their disparate video surveillance architecture, whereby VMS, NVR and DVR systems were all being managed individually across the county. Our recommended solution was a single unified, IP-based system that was county-wide sanctioned. To achieve this we specified the Ocularis VMS from Qognify."

THE RESULT

Ocularis is a VMS that is ideal for large-scale projects such as Broome County, with an emphasis on tactical real-time operations and live visualization, it is supported by full system redundancy and 24/7 availability. Integrated Systems were impressed by Ocularis's rich feature set, intuitive user interface (including visually mapping of the entire camera estate) and impressive scalability. What's more with Axis as a Qognify Technology Partner it instilled the confidence Broome County needed to switch to a more unified approach to video surveillance.

Using Ocularis, authorized personnel at the Central Security Building and Emergency Management Services Center have 24/7, 365 access to live and archived footage from every camera at each of the nine sites. The PTZ gives a 360-degree view of each radio tower site, whilst fixed cameras monitor the tower yards main gates and shelter doors. Meanwhile the radar motion detection system guards the perimeter. All surveillance camera footage is

recorded and centrally archived at the County Data Center via the county's microwave data network.

"If any suspicious activity is detected, an operator can rapidly view, review and replay all relevant footage through Ocularis," explains Hamilton. To aid the speed of response the operator also benefits from the use of visual maps to rapidly determine what cameras are available across each site, as well as video analytics to minimize time required to trawl through footage to identify activities of interest



THE CUSTOMER

Broome County has been impressed with the Axis and Qognify solution, which has also been integrated with its existing county-wide video network that includes street cameras, buildings and mobile video command systems. The success of the project has been recognized

with a prestigious Security Solutions Award. Hamilton concludes: *"Qognify's Ocularis is now the lead VMS that Integrated Systems specifies whenever embarking on a new video surveillance project."*

FACTS

Customer:
Broome County

Vertical Market:
Critical Infrastructure

Product:
Ocularis

