



CASE STUDY:

ENGINEERING A RELIABLE, SCALABLE, IP VIDEO SECURITY NETWORK FOR AN APARTMENT COMPLEX



PROBLEM: The Rolling Meadows Apartment Complex, Rocky Mount, NC property had no video surveillance and was experiencing criminal acts and housing rule violations. There was no evidence to identify or prosecute the offenders. The property faced several common obstacles. It consisted of over thirty multi-inhabitant dwellings on a 10 acres parcel with two main entrances to the property. It also had no existing traditional physical media to network these buildings together.



SOLUTION: RESOLUTE Partners was asked to provide and implement a video solution. To create a network, a Point-to-Point wireless solution was implemented utilizing ideal locations, which were transmitted back to a central location for storage and viewing. The system was engineered and installed requiring no trenching or pulling of underground cable, greatly reducing costs required with installation. In addition, the wireless links are highly reliable and provide bandwidth comparable to cabling.

Using Avigilon multi-head dome cameras, RESOLUTE was able to provide maximum coverage of the property, while also limiting the total number of cameras, which again helped to reduce costs. The Avigilon higher lens bullet cameras were placed at the entrances and, when combined with IR illuminators, were able to capture license plates of vehicles entering or leaving the property, day or night. Installation was complete within one week after sourcing all the needed equipment.



RESULTS: As a result the property has a reliable, scalable, IP video network. Using the Avigilon ACC software, the client can efficiently search and export events as well as view live video on their mobile device. They also have been able to capture multiple housing rule violations and identify the offenders. Lastly, they are also prepared to provide video forensic evidence to law enforcement in the event of any criminal acts.

"The RESOLUTE Partners video security system has been a tremendous asset. Local Law Enforcement has been very complimentary of the system, and used the license plate readers to identify 3 trespassing vehicles in the first week following installation," said Atlantic Development's Greg Tulloch. "This system allows us to monitor the entire complex remotely at all times. We are very pleased with RESOLUTE Partners."

Resolute Partners continues to provide onsite and remote support to the network to ensure customer satisfaction.