

Nantucket Airport

Nantucket Island, Massachusetts

Challenge

The Administrators and Security Personnel of the Nantucket Airport desired a new technology solution to secure and monitor their new airport terminal while allowing access of authorized personnel. This project posed some unique challenges due to the logistics of working on Nantucket Island during the winter months, along with an aggressive schedule to open the new terminal for the increased summer traffic that occurs after the Memorial Day Holiday. Nantucket Airport also had some unique operational challenges in that they needed to maintain the convenience of a regional airport but also include a section meeting the more stringent Transportation Security Administration (TSA) and Federal Aviation Administration (FAA) security requirements for commercial airline flights. The airport security personnel also have to maintain flexibility for access to the island by VIP personnel, such as government officials and private jets.



Solution

SIGNET met the logistical, schedule and technical challenges and successfully completed the deployment of an integrated state-of-the-art Access Control and Video Surveillance Security System. The new integrated Security System provides the airport administrators and security personnel with a robust and flexible security system to control and monitor access to the new Terminal, the adjacent OPS Building and airport runway area. The system allows the access requirements to be changed based upon area of the facility, time of day or threat level. This allowed administrators to specify areas that can be accessed using a card only, or a card plus a unique pin code, or a biometric finger scan plus a card and a pin code. The integrated system provides a single user interface to monitor access in and out of the facility along with video surveillance of the access points. Alarms (such as a door forced open, door left open or an unauthorized access attempt) trigger the call-up of live video on an operator's monitor from the camera viewing the area or door where the alarm occurred. The alarms also bookmark the video recording to provide administrators with an efficient and simple method of searching, retrieving and exporting of the recorded video.

Our scope included the design, procurement, installation, commissioning and training of end users on the operation of the integrated system. We are also continuing to support the airport throughout the 3-Year Warranty period on the original system and further expansion of the system to other support buildings on the property. This was an exciting opportunity for SIGNET as it utilized solutions for the Video Surveillance and Access Control we have successfully deployed in other locations, and allowed us to maximize the capabilities of the systems.

Integration Group
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