



“Utilizing Aimetis Symphony™ intelligent video management software has improved our base security and operational efficiency. We now have been granted the opportunity to perform missions we were not able to complete before.”

*Mary Jo Wheeler
99th, Communication Squadron
Telecommunications Project Manager*

Summary

One of The United States most technologically advanced Air Force Bases (AFB) selected Aimetis Symphony™ video management to monitor, record and analyze operations to improve security and operational efficiency.

Challenge

In order to be continually granted overseas aerial missions, Creech AFB needed an easy to operate product which would improve the security of their assets, infrastructure and perimeter. With the increasing level of regulations associated with The United States Air Force (USAF), it was critical that the selected video management solution be on the USAF Approved Products List. GTechnologies and Aimetis Symphony™ are both present on this list.

Solution

“With an easy to operate user interface, our security professionals have the ability to view the entire base operations, while also having the ability to focus on a specific area, something we were not able to do previously;” said Mary Jo Wheeler.

Creech AFB now utilizes an IP-based Intelligent Video Surveillance System with the capability to monitor and control all cameras from a centralized Security Forces Command Center. Security Forces have implemented policies and defined rules by which Aimetis Symphony analyzes each specific camera’s video streams, records all activity and alarms the operator when necessary.

Aimetis was the software of choice due to the robust analytic functionality, overall scalability and advanced optic capabilities. These functions have allowed security professionals to efficiently monitor the perimeter all while analyzing specific actions inside the base, improving productivity and base security.

G Technologies, an Aimetis Certified Partner headquartered in Lusby, MD designed and implemented a two phase intelligent video security deployment. Phase one was the installation of a dedicated fiber optic-based communications infrastructure, a four hour uninterruptible backup power system, PTZ and fixed cameras covering the two entrance gates, the perimeter fence/wall and specific interior points of interest. Phase two was the installation of three dual thermal imaging/colour PTZ cameras, twelve storage area cameras and upgrading the Aimetis Symphony intelligent video security system software.

Creech AFB has also found the depth of reporting Aimetis Symphony™ provides to be an invaluable tool. With a couple of clicks, staff can get a report on the areas that are receiving the most alarms and use this information for allocating security resources, leading to once again, improved base security and operational efficiency.

Customer Profile

Creech Air Force Base, located in Indian Springs, Nevada is known for being the aerial demonstration training site for the acrobatic Thunderbirds. This base is one of a select few bases that play a critical role in the advancement and use of the MQ-1 Predator unmanned aerial vehicle. With the use these vehicles increasing, the amount of flight missions and subsequent base operation monitoring will continue to increase.

Technology & Integration

- Aimetis Symphony™ Enterprise
 - Video Management & Analytics software
- 12 PTZ IP Cameras
- 3 Fixed IP Cameras
- 5 Encoders
- 25 IP Dome Cameras
- 12 Media Converters
- Fiber Optic Based Communication
- 12 TB Network Attached Storage
 - 30 Day Video Retention

Results

- Proactive Intelligence based on philosophy of See First, Understand First, and Act First
- Eliminated Security Breaches
- Received Top Security Base Scores
- Increased Situational Awareness while providing Actionable Data