

Law Enforcement Training Facility in Northern Virginia Case Study

Topic: Extensive Security and Access Control for their 50 thousand sq. ft. facility
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Ashburn, Virginia welcomed its newly built, 50 thousand square feet facility designed to train safety, shooting and proper weapon handling for Federal, State and Local Government as well as Commercial and General Public in September of 2009. In an effort to protect this innovative, cutting edge training facility, an extensive access control and security system was necessary. After bidding to multiple security companies, the facility chose MCW Solutions, LLC to design and implement a CCTV security system with extensive access control throughout the larger-than-life building.

Challenge: Find the optimal security and access control system to fully monitor the 50 thousand sq. ft. facility

The 50 thousand square feet facility needed a comprehensive access control and burglary system due to the nature of the work and unique firearms used such as: hand guns, assault rifles, and specialty fire arms. The facility stores rental and general member firearms as well as unique training equipment for police and first responders. After a lengthy needs analysis process, it was determined that a CCTV surveillance solution would be needed for general security and for the Forced Entry Scenario rooms allowing for an enhanced training experience.

Solution: Complete CCTV Surveillance Solution

Ultimately, through MCW's proven design methodology platform, a turnkey GE Alliance solution was implemented. This solution provides 24/7 access control on all egress doors and strategic internal doors. The access control solution included: Magnetic Locks, Electronic Strikes, Motion Detectors, Glass Break sensors, and more. The solution also provides 24/7 Central Station monitoring for intrusion alert. This service is on a set schedule; however, it is dynamic and has the ability to change configuration and end user access within minutes. The CCTV solution is based on Honeywell DVR and camera technology. It supports up to thirty cameras strategically located in the facility, both outside and inside and accessible locally via the LAN network or internet. This provides secure remote viewing and recording of video.

MCW Solutions, LLC was founded in 2003 to meet the demand for a single integrator to provide turnkey systems in support of Telecom, Security and Audio/Video applications. MCW's methodology starts at the physical layer on the technology stack with telecommunications wiring and moves through all phases including the transportation and application layers providing Security, Access Control, Closed Circuit Television, and Pro-Audio/Visual Systems.