

Ohio Air National Guard Predator Operations Center *Springfield, OH*

Construction Completion: 2010
Construction Cost: \$635,000 (est.)
Size: 8,300 SF
Tri-Tech Services: ME Engineering

Project Description

The Ohio Air National Guard renovated a portion of an existing building to create a SCIF in order to house two mobile Predator Ground Control Stations (GCS), a Predator Operations Center (POC), and additional support space and infrastructure necessary for operation of the GCS and POC. The project included a dedicated server room, uninterruptable power supply (UPS), equipment spaces, and office spaces.

Tri-Tech provided mechanical and electrical engineering design for the renovation. Mechanical design included modification of existing distribution systems and addition of multiple new split-system air handling units to provide cooling for the new GCS and POC equipment and servers.

Electrical design for the project included coordinating relocation of an existing generator, modification of existing distribution equipment, and connections to the new UPS, server racks, and GCS and POC equipment. Additionally, Tri-Tech was responsible to provide cabling infrastructure and pathways for equipment cabling as necessary for GCS and POC operation.

