



CASE STUDY

Client: U.S. Dept of the Interior- Bureau of Land Management
National Interagency Fire Center (NIFC)

Project: Integrated Perimeter Intrusion Detection System (IPIDS)

Situation: NIFC required an integrated perimeter intrusion detection solution to protect its airfield and campus environment.

The National Interagency Fire Center (NIFC) located in Boise Idaho, is the nations wildland firefighting support center and home to seven (7) federal and state agencies including Bureau of Indian Affairs, Bureau of Land Management, Forest Services, Fish and Wildlife Service and the National Weather Service.



Project Scope:

This project required a 24/7 Perimeter Intrusion Detection System to secure a one mile fence line. Contractors were required to reference past performance history and specify recommended equipment's independent test results. The IPIDS was to operate in remote locations with greater than a 95% probability of detection, in a semi-desert environment, with temperatures that range from -25° to 120° Fahrenheit, and would integrate into the existing networked video surveillance system. The client also requested unique solutions to address the protection of electro-mechanical gate systems without the use of external devices such as ground based radar microwave or infrared detectors.

Project Highlights:

Securityhunter selected the Optelleos FP1100 Fiber Patrol™ Location-Sensing Intrusion Detection System to provide the perimeter protection required by the NIFC. Fiber Patrol utilizes a passive, all-optical fiber



sensor (no repeater or power components) along the fence line perimeter. The FP1100's advanced fiber-optic technology pinpoints the absolute location of an intrusion attempt to within a few meters. Securityhunter integrated Fiber Patrol with the existing video surveillance system so that the remote perimeter cameras will automatically

pan, tilt and zoom to view the intrusion.

Results:

Securityhunter's Department of the Interior's IPIDS solution delivered an electronic security system that detects climbing, spreading, cutting and digging and was delivered on budget and on time. Satisfied with the installation and training, the contracting officer's technical representatives have solicited Securityhunter to provide upgrades to their existing video surveillance system to improve overall efficiency and integrity.