Physical Security & Risk/Vulnerability Assessment



A good facility management/design and today’s state-of-the-art access control technology can significantly reduce security incidents. The Firestorm physical security and risk/vulnerability assessment is comprised of two parts, a threat assessment and a vulnerability assessment. The threat assessment is conducted to assess the potential of specific security-related incidents. The vulnerability assessment is a systematic evaluation to detect security gaps in the current physical security system. This includes crime prevention through environmental design (CPTED) factors. It is used to determine the effectiveness of countermeasures in protecting specific facilities from specific aggressors.

The Firestorm security and risk/vulnerability assessment will analyze the following:

* Geographic characteristics and physical layout of the facility;
* Security equipment capability;
* Application of security technology and other security-related protection equipment;
* Security deployment schedules;
* Operational requirements;
* Internal security incidents which have impacted company security;
* Employees’ ability to respond to security emergencies;
* General appropriateness of the protective measures currently in place; and
* Security-specific training previously provided to company personnel.

The Firestorm analysis will include, as applicable:

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| **Organizational Issues***General Security**Visitor Management**Security Force**Policies and Procedures**Emergency Management**Human Resources* *Employee Safety**Information Services (IS)*  |  **Building Security Survey***Perimeter Barriers and Controls**Gate Security and Construction**Vehicle Control and Perimeter Entry Point Access**Clear Zones and Signage**Building Exteriors**Access Control**Lock and Key Control**Outdoor Lighting**Closed Circuit Television Systems* *Intrusion Detection Systems* |

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