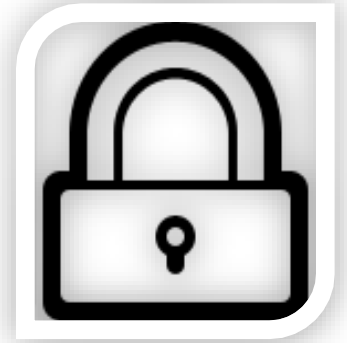# PHYSICAL SECURITY & RISK/VULNERABILITY ASSESSMENT

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:

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

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