

On-site Infrastructure Assessments with Protection and Contingency Planning

BACKGROUND

The Protective Design Center (PDC) has been executing on-site assessments of various types of infrastructure assets for nearly three decades. Infrastructure assessment customers include: Defense Logistics Agency (DLA), U.S. Army Forces Command (FORSCOM), U.S. Southern Command (SOCOM), Defense Intelligence Agency (DIA), U.S. Army Corps of Engineers (USACE), plus numerous military installations and many other Federal Agencies. Infrastructure assessments vary in scope and are customized to the customer's specific needs. The on-site assessment is adapted to focus on hard assets, process, mission, people or a combination thereof. Once assets and associated vulnerabilities are established, a coordinated suite of protective measures will be provided that greatly improve the protection posture. Contingency planning can be used in lieu of or in conjunction with protection.



ASSESSMENT CAPABILITIES and OPTIONS

Current capabilities and options include:

- Asset Identification
- Antiterrorism and Physical Security
- Regulation and Standard Compliance
- Vulnerability Identification
- Protection Plan Development
- Contingency Plan Development
- Navigation Locks and Dams
- Power Generation and Electrical Distribution Systems
- Ports and Transportation Terminals
- Communications Systems
- Bridges and Tunnels
- Information Technology Facilities
- Water Supply and Distribution Systems
- Preliminary or in-depth blast analysis, including detailed building modeling and specialized computer analysis
- Intrusion Detection and CCTV Systems in conjunction with USACE's the Electronic Security Center of Expertise

AGGRESSOR THREAT TACTICS

Assessments can be tailored to consider a specific set of threat tactics, among which are:

- Moving and Stationary Vehicle Bomb Tactic
- Hand Delivered Explosives Tactic
- Direct Fire Weapons Attack Tactic
- Indirect Fire Weapons Tactic
- Forced Entry Tactic
- Covert Entry Tactic (e.g., false credentials)
- Insider Compromise Tactic (e.g., employee)
- Visual Surveillance
- Acoustic and Electronic Emanations Eavesdropping
- Airborne and Waterborne Contamination

PRESENTATION and REPORT OPTIONS

Intermediate and final products can be tailored to customer needs/requirements:

- In-brief prior to on-site assessment
- Out-brief to present preliminary findings immediately following on-site assessment (verbal, written, or PowerPoint presentation)
- Letter Report focusing on vulnerabilities and recommendations on mitigating measures
- Draft Report to allow for customer review and comment prior to finalizing report
- Detailed Final Report documenting existing conditions; asset identification; aggressor tactics, weapons, and tools; vulnerabilities; mitigation recommendations and cost estimate; plans; photographs; threat analysis, incl. design basis threat (DBT) and recommended level of protection (LOP); preliminary blast analysis (if needed); and mitigating measure information cutsheets
- Contingency Plans
- For Official Use Only (FOUO), classified, or FOUO with a classified annex

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