Center for Development of Security Excellence

CDSE

Learn. Perform. Protect.

Security-in-Depth

Physical Security Webinar

Host: Danny Jennings

- Physical Security Curriculum Manager responsible for:
  - ✓ Curriculum development
  - ✓ Course instruction
  - ✓ Curriculum review
- Retired military; over 20 years of experience in Law Enforcement and Security Operations
- Worked as a DoD Contractor for Defense Threat Reduction Agency as onsite Program Manger for Access Control
- Served as a Supervisory Physical Security Specialist with Pentagon Force Protection Agency

DCO Meeting Room Navigation

Notes box for audio information and other announcements

Use **Full Screen** (upper right corner) to maximize view of the presentation.

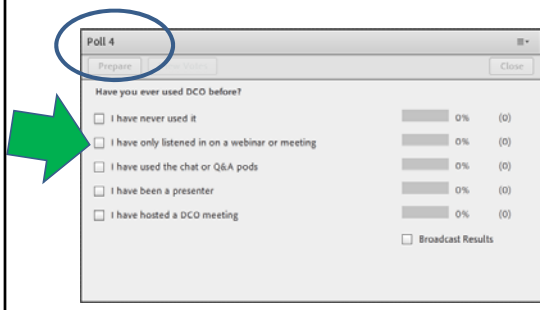
Click **Full Screen** again to switch back. You will need to be out of Full Screen view to respond to poll questions.

DCO Meeting Room Navigation

Q&A box for entering questions/feedback

File share box to download material for today's presentation

Example of a Poll Question



Chat Question #1

Consider one asset at your Installation/Facility; how do you employ security-in-depth to protect that asset?

Enter your responses in the chat box

Webinar Objectives

Definition and Purpose of Security-in-Depth (SID)

Identify Physical Security Measures

Incorporating Security Measures-in-Depth

Definition

Security-in-Depth is a determination by the senior agency official that a facility's security program consists of layered and complementary security controls sufficient to deter, detect, and document unauthorized entry and movement within the facility.

Purpose

P.I.E.F.A.O.

- People
- Facilities
- Information
- Activities
- Equipment
- Operations

Purpose (cont.)

- ✓Safeguard personnel
- ✓Prevent unauthorized access to equipment, installations, material, and documents
- ✓Safeguard assets against espionage, sabotage, damage, and theft
- ✓Control movement within a facility

Through the integration of countermeasures!

Chat Question #2

What are some examples of integrated countermeasures?

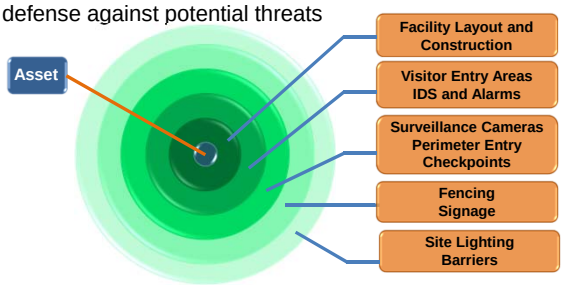
Enter your responses in the chat box

Concept

Integrated countermeasures are security measures employed to deter, delay, detect, deny, or prevent aggression or attacks on identified critical assets.

Concept (cont.)

SID: Multilayered approach employing human and other physical security measures... to create a layered defense against potential threats



Concept (cont.)

Employs active and passive complementary physical security measures to ensure protection of DoD assets.

SID Concept

Layered approach

Deter – Prevention through fear of consequences

Detect – Alerts, assesses, and provides evidence of unauthorized intrusions

Delay – Active and passive measures to slow or encumber the potential adversary; initial response

Deny – The combination of all security measures brought to bear to arrest enemy action; final response

Physical Security Measures

- Barriers
- Fencing
- Clear zones
- Signage
- Lighting
- Man-passable openings (secured)
- Video surveillance systems
- Intrusion detection systems (IDS)
- IDS sensors and detectors
- Access control systems
- Access control procedures
- Screening equipment
- Two-way radios
- Locks
- Security containers
- Security forces
- Doors
- Windows
- Walls
- Forms

0-16

Poll Question #1

Security Personnel

Security forces provide the enforcement element of physical security program. Security forces may consist of:

- Military police
- Federal Government police (job series 0083)
- Security guards (job series 0085)
- Contract security guards
- K-9 teams

Access Control Systems

Access Control Systems consist of:

- Electronic locks
- Card readers
- Biometric readers
- Alarms
- Computer systems to monitor/control access

Individual's credential compared against a database; once approved, system sends output signals allowing authorized personnel to pass through controlled portals.

Closed Circuit Television System

CCTV System = integration of cameras, recorders, switches, keyboards, and monitors to allow viewing and recording of security events, utilized for:

- Alarm-assessment
- Surveillance

Physical Barriers

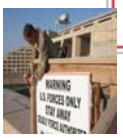
Physical barriers:

- ✓ Define perimeter
- ✓ Establish physical and psychological deterrent to adversaries
- ✓ Delay and disrupt an attack
- ✓ Channel flow of personnel and vehicles through designated areas
- ✓ Can be natural or manmade

Signs

Signs should be positioned to assist in:

- Controlling authorized entry
- Deterring unauthorized entry
- Precluding accidental entry



Signs should be clearly displayed and legible (bilingual for areas where multiple languages are spoken) from any approach to the perimeter from a reasonable distance.

Security Lighting

Security lighting should:

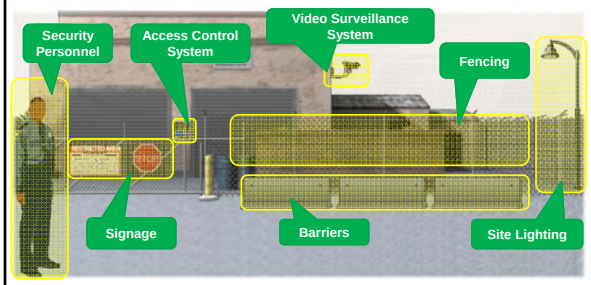
- Discourage/deter entry attempts
- Make detection likely
- Prevent glare for guards
- Not impede CCTV or other automated monitoring systems

Chat Question #3

What physical security measures could be used to safeguard this facility?

Active Physical Security Measures + Passive Physical Security Measures = Security-in-Depth

SID Review Solution



Coordination with Other Programs

Summary

Definition and Purpose of Security-in-Depth (SID)

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Identify Physical Security Measures

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Incorporating Security Measures-in-Depth

Want to Learn More?

eLearning

- Introduction to Physical Security
- Physical Security Measures
- Physical Security Planning and Implementation
- Physical Security Virtual Environment Assessment

Instructor-led training

- Applying Physical Security Concepts Course

August 5-9, 2013 Linthicum, MD

Questions?

Contact Information

Handouts and frequently asked questions from this webinar will be posted at:

http://www.cdse.edu/catalog/webinars/physical-security/physical-security-postures.html

You may also email Physical Security training related questions to DSS at PhysicalSecurity.Training@dss.mil.

Thank you for attending the CDSE Security-in-Depth webinar.