SAND2010-1947P

Event Analysis
Module 7

Event Analysis

- **To properly evaluate any border management system, we must carefully analyze how operational "events" are processed.**

- **These events might include:**

  - **Routine events—movement of trade, tourists, nomads, etc.**

  - **Non-routine, though not necessarily threatening events—refugee movement, immigration flows**

  - **Criminal events—smuggling and illicit trafficking of drugs, arms, people, etc.**

 - **National security threats—terrorism, insurgency**

Value of Event Analysis

- **Rate the effectiveness of the system, the equipment, and the personnel, in terms of:**

  - **Response time**

  - **Efficiency of communication between organizations and individuals**

  - **Adherence (or lack thereof) to Standard Operating Procedures**

  - **Successful/unsuccessful mitigation of challenge/threat**

- **Review of lessons learned for improvements**

- **Identify deficiencies in procedures**

Anatomy of an Event

WATCH	DISCOVER	DECIDE	RESPOND	RESOLVE
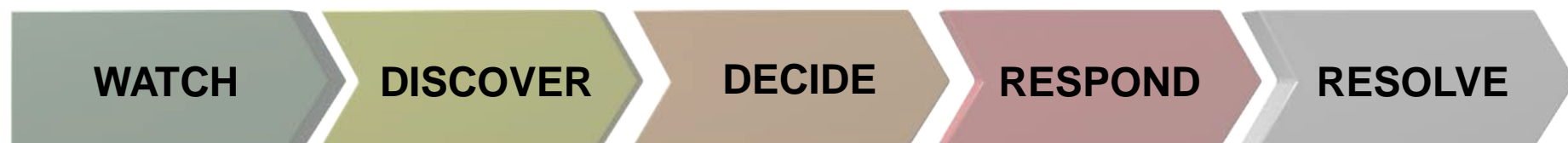
COMMUNICATIONS

Watch

- **Surveillance**
- **Monitoring**
- **Screening**

Discover

- **Detection**
- **Inspection**
- **Assessment**

Decide

- **Options**
- **Chain of Command**
- **Authorization**
- **Procedures**

Respond

- **Engagement**
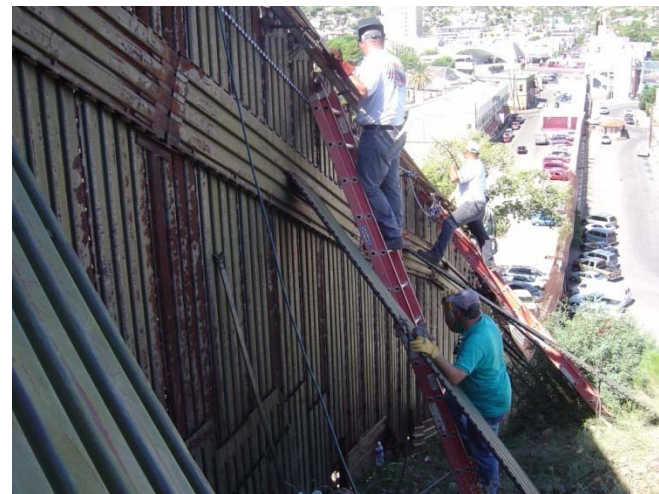- **Arrest**
- **Confiscation**

Resolve

- **Prosecution**
- **Destruction**
- **Deportation**
- **Lessons Learned**

Watch

- **Looking for abnormalities or anomalies:**
  - **Tracks**
  - **Cut or damaged fences**
  - **Sensors/cameras**
  - **Fraudulent documents**
  - **Nervous behaviors**
  - **Space and weight inconsistencies**
  - **Increased traffic flows**

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Discover

- **Sensor Detection**
    - **Access paths**
    - **Illegal immigration**
    - **Illicit cargo**
    - **Smuggling/trafficking**
    - **Hidden compartments**
    - **Diversions**

Decide

- **Based on degree of assessment certainty**
  - **Unconfirmed sensor data**
  - **Materials discovered through inspection**

- **Options**
  - **Direct response based on existing**
    - **Authorizations**
    - **Procedures**
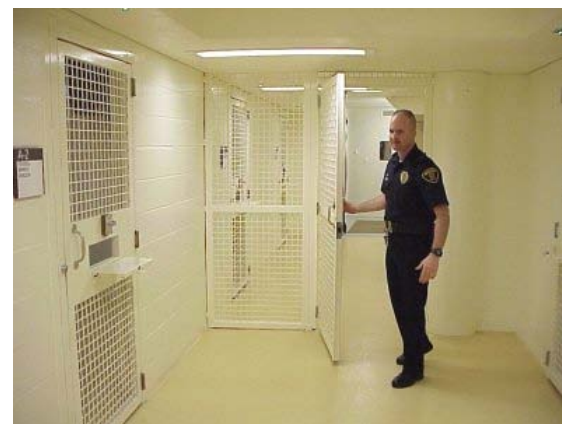 - **Chain of command reporting with guidance on response**

Respond

- **Search and seizure**

- **Detain suspects**

- **Force-on-force engagement**

- **Repair/improve technology/infrastructure**

- **Increase vigilance**

- **Increase/redeploy forces**

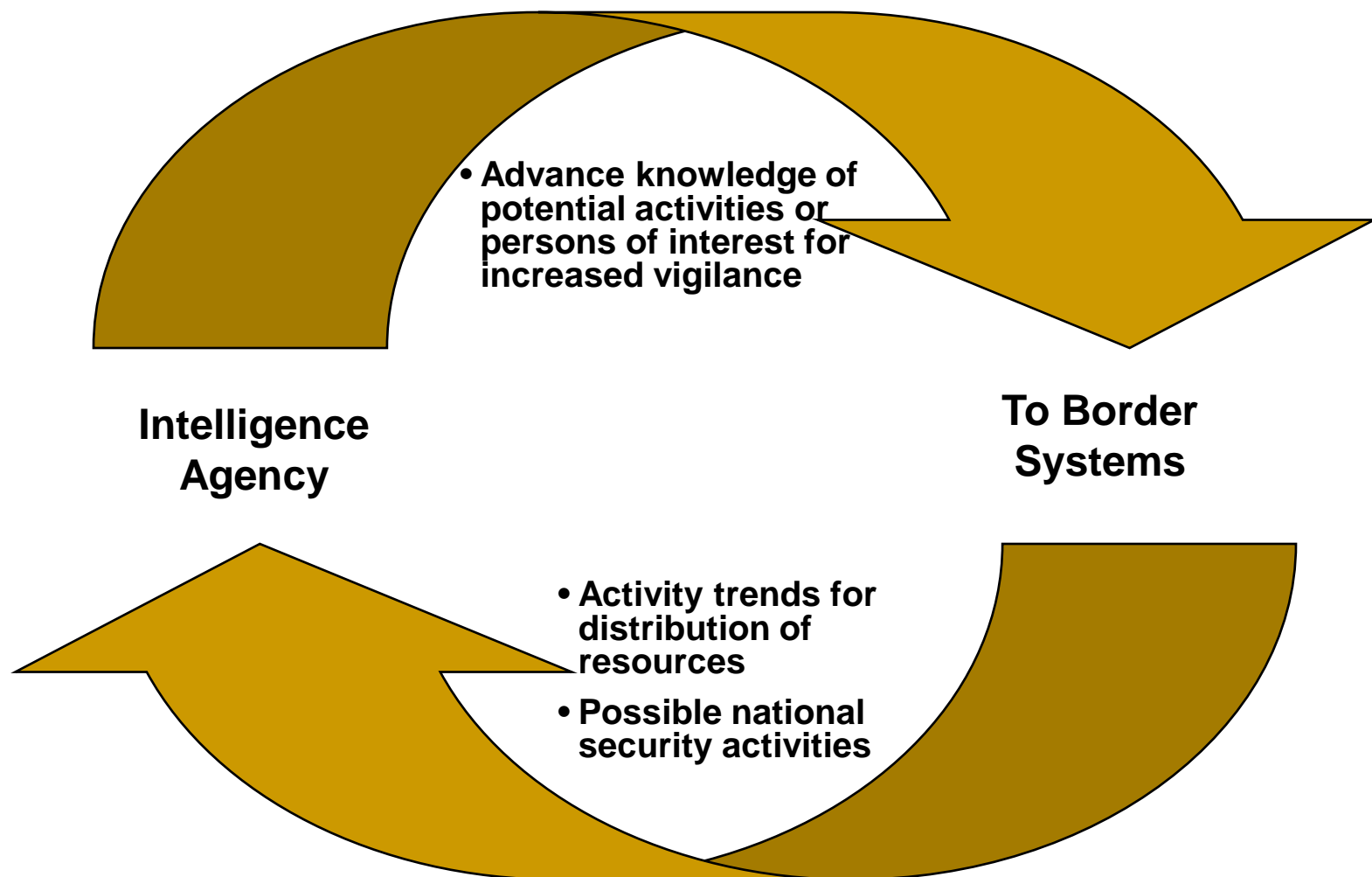- **Hand-off to other jurisdictions**

Resolve

- **Chain of custody—people and evidence**

- **Prosecution**

- **Reporting**

- **Isolation/containment**

- **Disposition**

- **Transportation**

- **Lessons Learned**

Value of Intelligence-Driven Systems

- **Advance knowledge of potential activities or persons of interest for increased vigilance**

Intelligence Agency

To Border Systems

- **Activity trends for distribution of resources**
- **Possible national security activities**

Trends Analysis

Understanding what events are telling you

- **Changes in threat or increased activity from a threat**
- **Change in typical event profiles – nature or frequency**
- **Time of day or year**
- **Equipment performance issues**
- **The need for new procedures or training to improve performance**
- **The need for additional equipment/manpower**

Event Analysis Tools

- **Record-keeping/data management**

- **Human analysis**

- **Statistical analysis**

- **Computer analysis**

- **Exercises and games**

- **Inspections and self-assessments**

- **Daily shift musters**

- **Intelligence briefings and updates**

Discussion

- **In your opinion, are some information sources better than others? Examples?**

- **Is there additional information that could help you analyze events and manage your borders more effectively?**

- **Have you found trends analysis useful?**

- **How do you exchange information with each other?**

Exercise 7-1

- **A terrorist walks through your land-based port of entry with explosives.**

- **Outline the process below as it relates to this event at your border with the country of concern.**

| WATCH | DISCOVER | DECIDE | RESPOND | RESOLVE |

COMMUNICATIONS

- **Based on one of the scenarios, analyze the event as it would transpire at the indicated location:**

  – **Smuggler crosses open border**

  – **Illegal immigrant hides in vehicle going through Port of Entry**

  – **Known insurgent enters at Port of Entry**