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Homeland Security & Cybersecurity

Intel

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Lesson 9
Intel

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Springs



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Combating Terrorism

- **Antiterrorism (AT).** Defensive measures used to reduce vulnerability to terrorism.
- **Counterterrorism (CT).** Offensive measures taken to prevent, deter, and respond to terrorism.
- **Combating Terrorism (CBT).** Actions taken to oppose terrorism, including AT and CT.



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FBI Typology

- **International Terrorist.** Foreign national who commits terrorist acts across borders.
- **Domestic Terrorist.** Resident who commits domestic terrorist act *absent foreign direction*.
- **As non-state actors, both are subject to criminal prosecution under the jurisdictional laws where the crime was committed.**

International
Terrorist

Domestic
Terrorist

Both = Criminals

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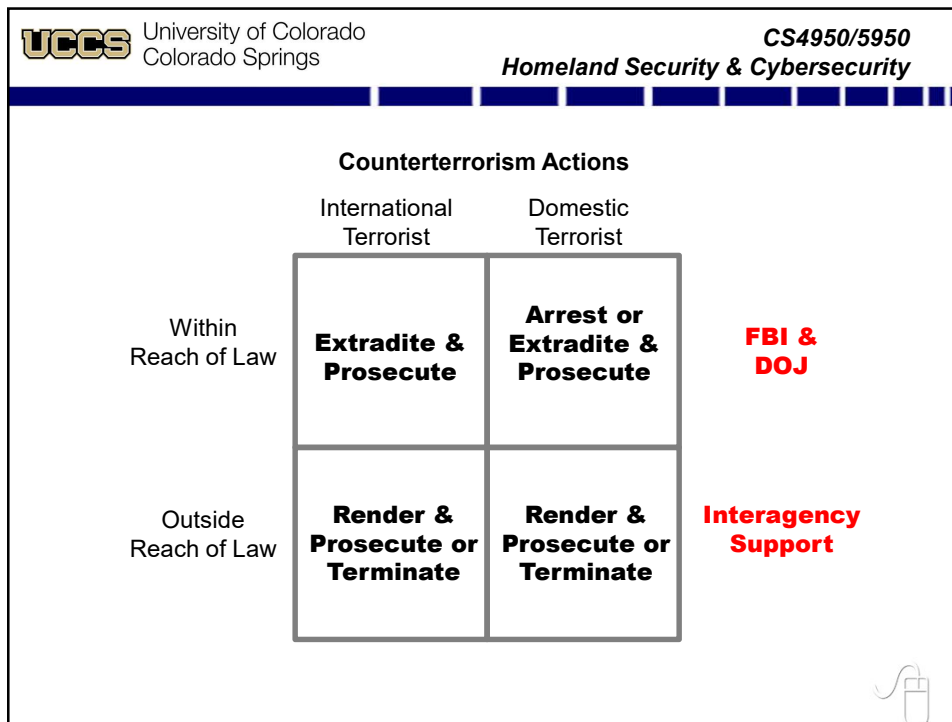
FBI

PDD-39 issued in June 1995 designates the FBI the Lead Federal Agency for combating international and domestic terrorism.



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Diplomacy / Constructive Engagement



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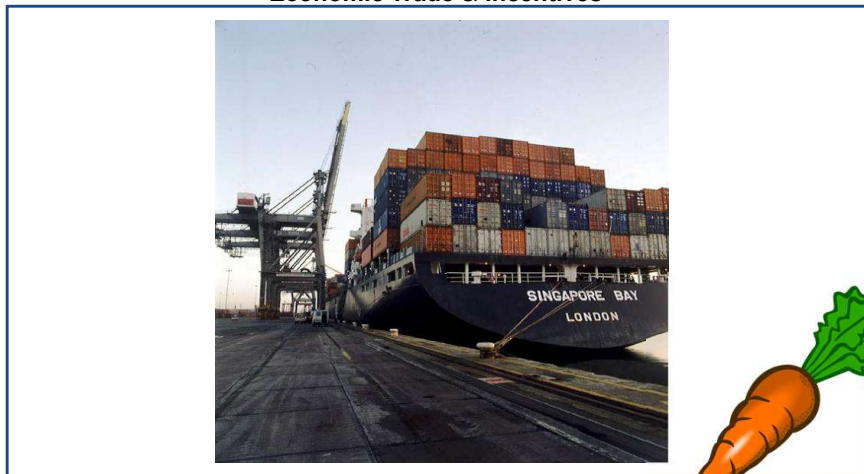


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Economic Trade & Incentives



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Extradition & Law Enforcement Cooperation



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Covert Action



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Military Force



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NCTC

- Conducts strategic counterterrorism operational planning, and reports to the President on joint military counterterrorism operations.
- Analyzes all counterterrorism **intelligence** available to US government departments and agencies.



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Intelligence

- Secret state activity to understand or influence foreign entities.
- Intelligence has been a function of the Government since the founding of the Republic.



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Intelligence Community

- The IC is a federation of executive branch agencies that work separately and together to conduct intelligence activities.
- The National Security Act of 1947 created the CIA to coordinate the IC to “prevent another Pearl Harbor”
- 9/11 prompted Congress in 2004 to create a new Director of National Intelligence to direct IC activities.



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Director of National Intelligence

- DNI – Independent agency overseeing IC intel activities.
- Principal intelligence advisor to the President.
- **Controls annual budgets** of the Intel agencies to efficiently and effectively coordinate intelligence efforts.



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Central Intelligence Agency

- CIA – Independent agency specializing in HUMINT, Human Intelligence.
- Correlates, evaluates, and disseminates national security intelligence.
- Coordinates collection of national intelligence outside the US.



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National Security Agency


- NSA - DoD Agency specializing in SIGINT, Signals Intelligence.
- Collects and analyzes electronic signals including computer traffic throughout the world.
- Also home to USCYBERCOM, DoD cyber reconnaissance and offensive capability.






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National Reconnaissance Office

- NRO – DoD Agency.
- Develops and operates reconnaissance satellites.





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National Geo-Spatial Intelligence Agency

- NGA – DoD Agency specializing in IMINT, Imagery Intelligence.
- Provides essential data for precision navigation and targeting.

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Defense Intelligence Agency

- DIA – DoD Agency.
- Provides intelligence support to the Chairman of the Joint Chiefs of Staff, the senior military advisor to the President.

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Bureau of Intelligence and Research

- INR – DoS agency.
- One of the smaller components of the IC, but widely recognized for the high quality of its analysis.
- Diplomatic reporting from embassies, though highly useful to analysts, is not an intelligence function.



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Federal Bureau of Investigation

- FBI – DoJ agency that investigates serious Federal crimes.
- Protects nation from foreign agents and terrorist threats.
- Assists State and Local law enforcement.



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Armed Services Intelligence Organizations

- Each services' intelligence organizations collect and analyze information specific to their assigned missions.
- Their analytical products, along with those of the DIA, supplement the work of CIA analysts and provide greater depth on key technical issues.



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Department of Homeland Security

- DHS – Lead Federal Agency for domestic **antiterrorism** efforts.
- Protects and secures key infrastructure and borders.
- Fuses law enforcement and intelligence information relating to domestic terrorist threats.



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US Coast Guard

- USCG – DHS & DoD agency that protects US territorial waters and maritime ports.
- Deals with information relating to maritime security and homeland defense.



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Energy Department

- DoE – Regulates US energy infrastructure and manages national nuclear stockpile.
- Analyzes foreign nuclear weapons programs and watches for nuclear proliferation.



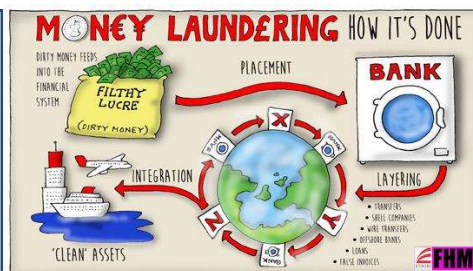
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Treasury Department

- USTREAS – Collects and processes information that may affect US fiscal and monetary policies.
- Investigates terrorist financing.



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Jurisdictional Authority



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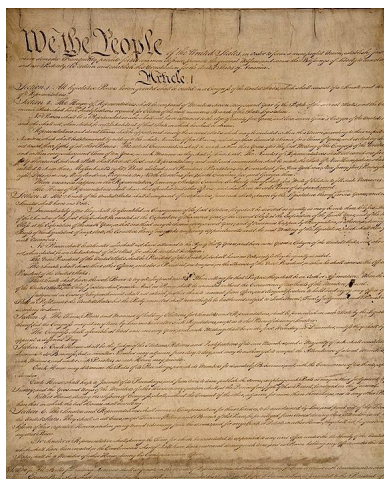
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Constitutional Protection

- American citizens everywhere.
- Foreign nationals in the US.



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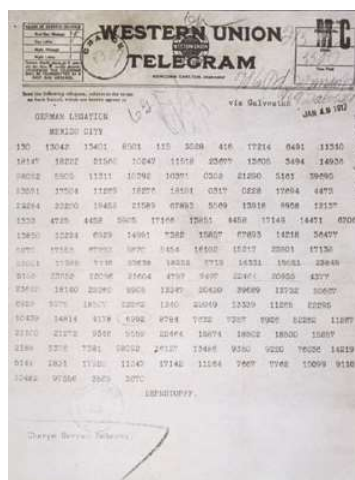
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Intelligence Cycle

1. **Planning & Direction.** Establish intelligence requirements.
2. **Collection.** Gather raw data.
3. **Processing & Exploitation.** Convert raw data into finished intelligence.
4. **Analysis & Production.** Integrate and analyze finished intelligence to produce warnings & reports.
5. **Dissemination.** "Actionable Intel" is timely and accurate.



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Intelligence Processing

- Intelligence comes in Raw and goes out Finished.
- **Raw Intelligence** is information that is collected from a single source and quickly evaluated.
- **Finished Intelligence** is more fully analyzed and evaluated information.



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Intelligence Disciplines

- SIGINT
- IMINT
- MASINT
- HUMINT
- OSINT
- GEOINT



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Signals Intelligence

- SIGINT – Derived from signal intercepts.
- NSA is responsible for collecting, processing, and reporting SIGINT.



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Imagery Intelligence


- IMINT – Representations of objects reproduced electronically or by optical means.
- NGA collects, processes, and reports on IMINT.



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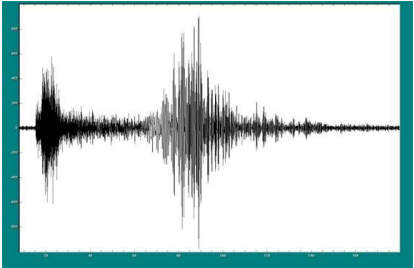


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Measurement & Signals Intelligence

- MASINT – Technically derived intelligence data other than imagery and SIGINT.
- Employs a broad group of disciplines including nuclear, optical, RF, acoustic, seismic, and material sciences.



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Human Intelligence

- HUMINT – Intelligence derived from human sources.
- Traditional targets of US HUMINT collection were government and military leaders who could be approached at diplomatic receptions.
- Today, however, the need is to seek information on terrorist groups and transnational criminal organizations who are not typically invited to embassy functions.



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Opens Source Intelligence

- OSINT – Publicly available information.
- Source include radio, television, newspapers, magazines, & Internet.



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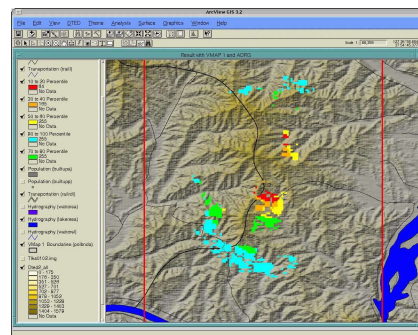
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Geospatial Intelligence


- GEOINT – Analysis and visual representations produced through an integration of imagery, imagery intelligence, and geospatial information.
- NGA is the primary producer of GEOINT.



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Counterintelligence


- An effective intelligence program requires an equally effective counterintelligence program.
- Counterintelligence safeguards US intelligence capabilities while thwarting enemy intelligence efforts.



Aldrich Hazen Ames
February 21, 1994

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**Security Classifications
& Clearances**


- The primary purpose for classifying information is to protect sources and capabilities.
- Security information must be classified at lowest level.
- It is illegal to unduly classify information for concealment.
- Access to classified information may only be granted to people with corresponding clearances AND a "need to know".

Classification Levels

CONFIDENTIAL

SECRET

TOP SECRET

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Covert & Clandestine Operations

- NCTC reports the planning and progress of counterterrorism operations to the President.
- DoD conducts clandestine operations designed to **conceal US presence**.
- CIA conducts clandestine operations designed to **avoid implicating the US Government**.



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Paramilitary Operations

- Military Operations usually conducted by the CIA.
- National Security Council assigns missions to CIA on a case-by-case basis.
- Historically, CIA has worked alongside DoD personnel in military operations.



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Freedom vs. Security

- The basic dilemma in combating terrorism in the US is to protect individual civil liberties while enacting effective security measures.
- *"They who would give up an essential liberty for temporary security deserve neither liberty or security."*
 - Benjamin Franklin



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Conclusion

Questions?



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