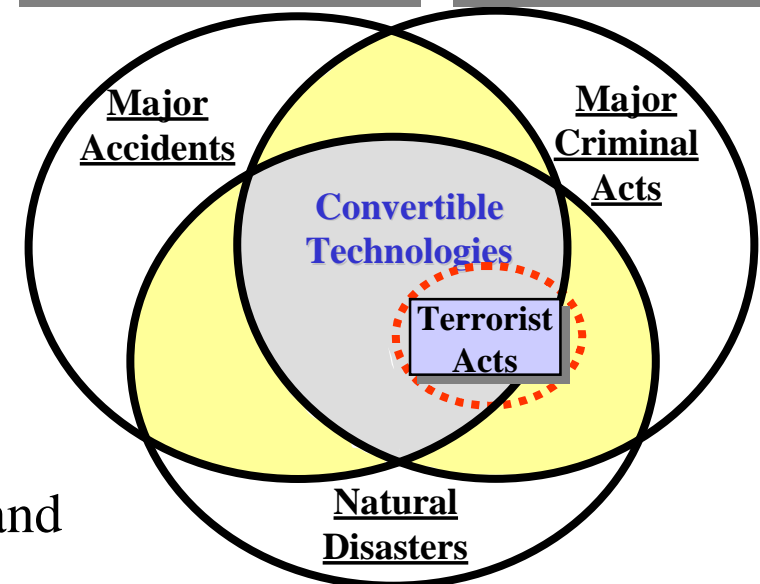*NIJ*

Critical Incident Technology Program: Background and Overview

Critical Incident Response Technology Initiative

NIJ

- Provide better tools to deal with major threats to lives and property
  - ⇒ Natural disasters, industrial accidents, major criminal acts
    - Including terrorism &school security
- Develop needed technologies & standards
  - ⇒ LE unique; common public safety
  - ⇒ In concert with related efforts
- Outgrowth of NIJ Counterterrorism Technology Program
  - ⇒ Initiated in 1997pursuant to AntiTerrorism and Effective Death Penalty Act of 1996
  - ⇒ Mandate to address State and local LE responder needs
  - ⇒ Found many needs were common to the responder community and to all types of critical incidents

Major Accidents · Major Criminal Acts · Convertible Technologies · Terrorist Acts · Natural Disasters

Program Overview

NIJ

- Five focus areas:
  - ⇒ Infrastructure Security
  - ⇒ Personnel Location
  - ⇒ Explosive Detection and Remediation
  - ⇒ Communications, Information Technology & Training
  - ⇒ Chemical and Biological Defense
- Counterterrorism Institutes
- Includes needs assessments and technology and standards development
  - ⇒ Critical Incident Technology Needs Assessment to be conducted in FY02
- Managed by the NIJ Office of Science & Technology (OS&T)
  - ⇒ Joint (DOJ-DoD) Program Steering Group manages needs assessments and technology development
  - ⇒ Office of Law Enforcement Standards (OLES) manages standards development
    - Located at National Institute of Standards and Technology
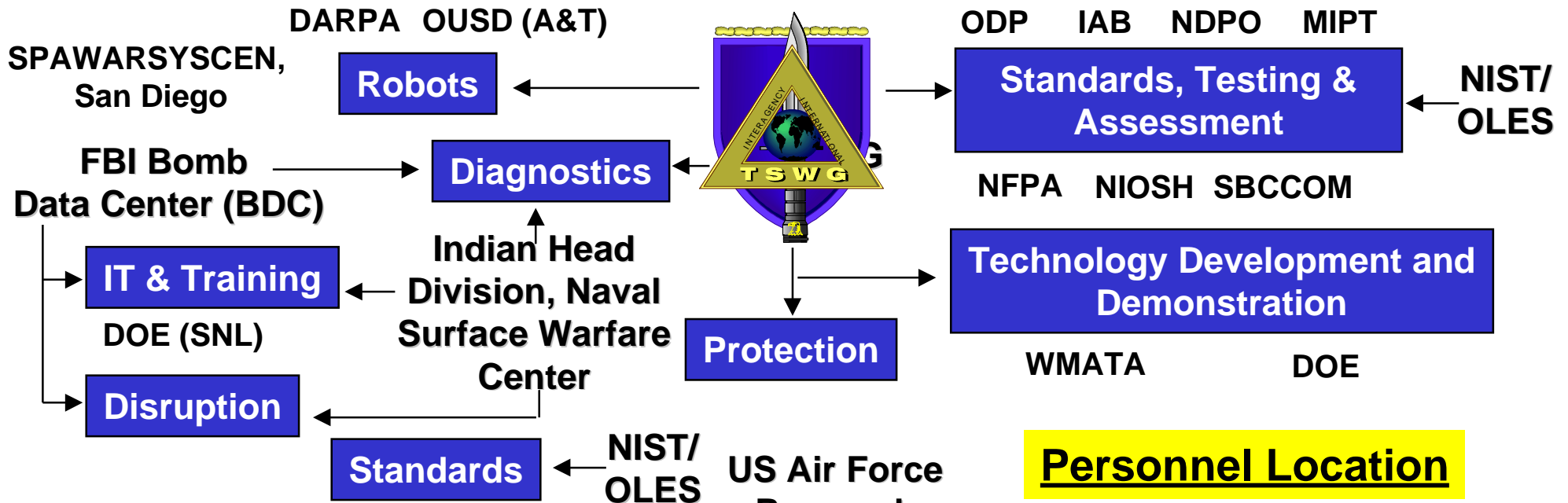 - ⇒ Involves all OS&T functional areas

NIJ

Forum Participation

- Technical Support Working Group (TSWG)
  - ⇒ Federal Agencies involved in combating terrorism
  - ⇒ Sponsors quick turn around (18 mth) R&D
- National Science and Technology Council Antiterrorism Taskforce
  - ⇒ Formerly White House Weapons of Mass Destruction Working Group
  - ⇒ Chartered to coordinate Federal response to terrorism
- National Domestic Preparedness Office (NDPO)
  - ⇒ Central clearinghouse for first responder information
- Interagency Board for Equipment Standardization and Interoperability (IAB)
  - ⇒ Responder community forum for identifying equipment needs and standards
- Office for Domestic Preparedness (ODP)
  - ⇒ Equipment & training grants to State and local responder agencies
- DOJ sponsored Technology Policy Council
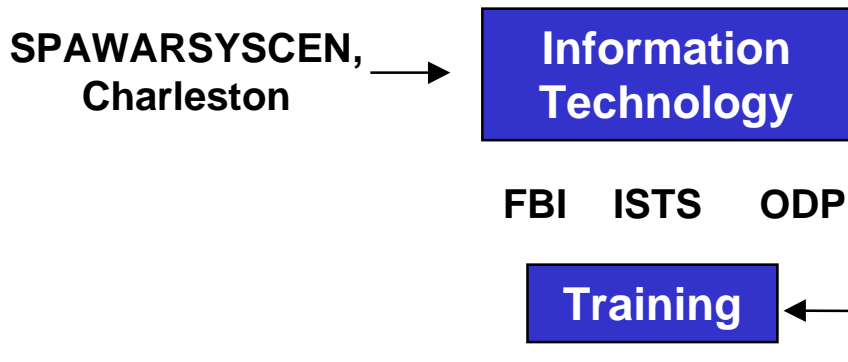 - ⇒ Forum for federal law enforcement R&D agencies
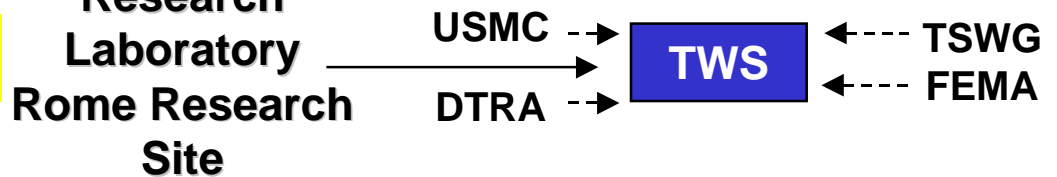
Major Partners

Explosive Detection & Remediation

DARPA   OUSD (A&T)

SPAWARSYSCEN, San Diego

Robots

FBI Bomb Data Center (BDC)

Diagnostics

IT & Training

DOE (SNL)

Disruption

Indian Head Division, Naval Surface Warfare Center

Protection

Standards

NIST/ OLES

US Air Force Research Laboratory Rome Research Site

Chemical and Biological Defense

ODP   IAB   NDPO   MIPT

Standards, Testing & Assessment

NIST/ OLES

NFPA   NIOSH   SBCCOM

Technology Development and Demonstration

WMATA   DOE

Personnel Location

USMC

DTRA

TWS

TSWG

FEMA

Communications, IT & Training

SPAWARSYSCEN, Charleston

Information Technology

FBI   ISTS   ODP

Training

US Army TRADOC

Infrastructure Security

CWD   FAA   **CCFP**   DOE (SNL)