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# Defense Technology Security Administration

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## COMDEF 2010

Secure Technology Sharing I:  
Defense Update  
September 2, 2010

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# DTSA Mission

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A light gray world map is visible in the background, showing the outlines of continents and countries.

To promote United States national security interests by protecting critical technology while building partnership capacity



# DTSA Strategic Goals

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- Preserve the U.S. defense edge by preventing the proliferation and diversion of technology that could prove detrimental to U.S. national security
- Engage U.S. allies and partners to increase interoperability and protect critical technology
- Facilitate the health of the U.S. industrial base
- Align and utilize resources to support DTSA's mission
- Empower people and make DTSA a great place to work



POLICY

Rep to Post-START Negotiations  
Ted Warner

**Under Secretary of Defense (Policy)**  
Michèle Flournoy  
**Principal Deputy USD (Policy)**  
James Miller

**DUSD**  
**Policy Integration & CoS**  
Pete Verga

**DTSA**  
Dir: Jim Hirsch  
DD: Tony Aldwell

**DSCA**  
Dir: VADM Landay III  
DD: Richard Genaille  
Ops : Karen Garvey  
Prog: Jeanne Farmer  
Bus. Ops: Ann Cataldo  
Str: Scott Schless

**DPMO**  
Dir: Bob Newberry  
PD: Ed Frothingham

**ASD**  
**International Security Affairs**  
Alexander Vershbow

**ASD**  
**Asian & Pacific Security Affairs**  
Wallace Gregson

**ASD**  
**Homeland Defense & Americas' Security Affairs**  
Paul Stockton

**ASD**  
**Global Strategic Affairs**  
Ken Handelman(Acting)

**ASD**  
**SO/LIC & Interdpt Capabilities**  
Michael Vickers

**DUSD**  
**Strategy, Plans, and Forces**  
Kathleen Hicks

**DASD**  
**Detainee Policy**  
DASD: W. Lietzau  
PD: Alan Liotta

**DASD**  
**Rule of Law & International Humanitarian Policy**  
DASD: Rosa Brooks  
PD: Alan Liotta

**DASD**  
**POW/MPA**  
DASD: Bob Newberry  
PD: Ed Frothingham

**Enterprise Services**  
PD: Susan Yarwood  
DD: TBD

**DASD**  
**Middle East**  
DASD: Colin Kahl  
PD: Brig Gen Holmes

**DASD**  
**East Asia**  
DASD: Michael Schiffer  
PD: TBD

**DASD**  
**HD Strategy & Force Planning**  
DASD: Mike McDaniel  
PD: Chuck Kosak

**DASD**  
**Countering-WMD**  
DASD: Rebecca Hersman  
PD: Daniel Gerstein

**DASD**  
**Special Ops & CT**  
DASD: Garry Reid  
PD: JQ Roberts

**DASD**  
**Strategy**  
DASD: Amanda Dory  
PD: Daniel Chiu

**DASD**  
**African Affairs**  
DASD: Vicki Huddleston  
PD: Catherine Wiesner  
AFRICOM: TBD

**DASD**  
**South & Southeast Asia**  
DASD: Bob Scher  
PD: Brig Gen Crowe

**DASD**  
**Defense Continuity & Crisis Mgmt**  
DASD: Theresa Whelan  
PD: Joe McMenamin

**DASD**  
**Nuclear & Missile Defense Policy**  
DASD: Brad Roberts  
PD: John Plumb

**DASD**  
**Partnership Strat & Stability Ops**  
DASD: Jim Schear  
PD: Paul Hulley

**DASD**  
**Plans**  
DASD: Janine Davidson  
PD: Mike McNerney

**DASD**  
**Europe & NATO**  
DASD: Jim Townsend  
PD: Julianne Smith

**DASD**  
**Afghanistan, Pakistan and Central Asia**  
DASD: David Sedney  
PD: John Hill

**DASD**  
**HDI & DSCA**  
DASD: Bob Salesses  
PD: TBD

**DASD**  
**Cyber Policy**  
DASD: Bob Butler  
PD: TBD

**DASD**  
**Counternarcotics & Global Threats**  
DASD: William Wechsler  
PD: Caryn Hollis

**DASD**  
**Force Development**  
DASD: David Ochmanek  
PD: Jennifer Zakriski

**DASD**  
**Russia, Ukraine & Eurasia**  
DASD: Celeste Wallandar  
PD: Jennifer Walsh

**DASD**  
**Western Hemisphere**  
DASD: Frank Mora  
PD: Walter Earle  
SOUTHCOM: Todd Harvey

**DASD**  
**Space Policy**  
DASD: Greg Schulte  
PD: Brig Gen Santee

**Rep to NATO**  
SD Rep: Bob Bell  
DSD Rep: Joe Stein



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# Defense Technology Security Administration

**Director, Defense Technology Security Administration (DTSA)**  
*James A. Hursch*

**Deputy Director  
DTSA**  
*Anthony Aldwell*

**Military  
Assistant**

**Licensing  
Directorate**

**Technology  
Directorate**

**Policy  
Directorate**

**International  
Security**

**Space  
Directorate**

**Management  
Directorate**

- License Reviews
- Commodity Jurisdictions
- Voluntary & Directed Disclosures
- Regulations

- Aeronautical
- Electronics
- Information & Communications
- Sensors & Lasers
- Missiles & Space
- NBC/Land/Naval/ Materials/Machine Tools
- Space Monitoring

- Regional Policy
- Negotiations/Liaison
- Capabilities/Systems
- Assessments/CFIUS

- Secretariat NDPC
- FG Disclosure Policy
- Security Surveys
- General Security Agmt
- NATO Security Policy
- FN Pers Assgn Policy
- Monitor Int'l Sec Prgm
- Int'l Sec Tng Oversight

- License Monitoring
- Tech Exchanges
- Tech Data Reviews

- Personnel
- Security
- Logistics
- Comptroller
- Info Technology
- Info Assurance





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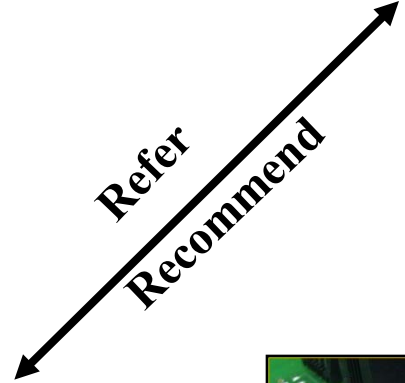
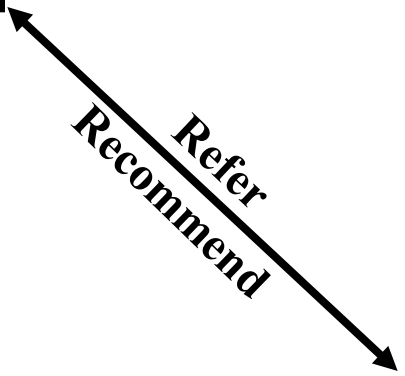
# Department of Defense Role in Export Controls



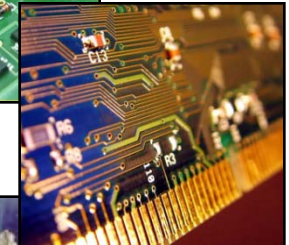
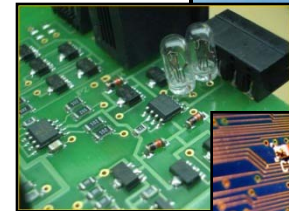
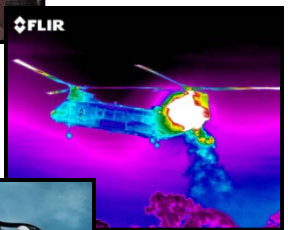
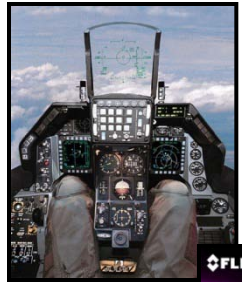
State  
(Munitions)



Commerce  
(Dual-Use)



Defense





# Department of Defense Role in Export Controls

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- Defense perspective to the process
  - National security review of export license applications
  - Developing multi-lateral control lists
- Unique knowledge of systems and capabilities
  - Operators and designers of systems
- National security dimension to strategic trade
  - Trade, foreign affairs, defense all part of the equation
- Strategic element to defense cost and awareness
  - Expensive countermeasures
  - Knowledge of extant technologies



# DoD Technology Transfer & Export Licensing Community

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## U.S. Military Services:

- U.S. Air Force - International Affairs Division (SAF/IA)
- U.S. Army – Deputy Assistant Secretary of the Army, Defense Exports & Cooperation (DASA (DE&C))
- U.S. Navy and U.S. Marine Corps - Navy International Programs Office (Navy-IPO)

## DoD:

- Defense Security Cooperation Agency (DSCA)
- Joint Chiefs of Staff (JCS/J5)
- Under Secretary for Policy
- Under Secretary for Acquisition, Technology and Logistics
- National Security Agency (NSA)
- Other DOD Agencies (DIA, DISA, DLA, NGA, NRO, etc.)





# DoD Review of Technology Transfers

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## Assessing impact on national security

- Factors Considered:
  - Policies (region, country & technology)
  - Level of technology (U.S. systems and countermeasures)
  - End-user & end-use history
  - Military operational impact
  - Inter-operability requirements
  - Bilateral, multilateral and international agreements
  - Foreign availability of comparable systems
  - Classified data transfers



# DoD Initiatives for Technology Transfer and Export Controls

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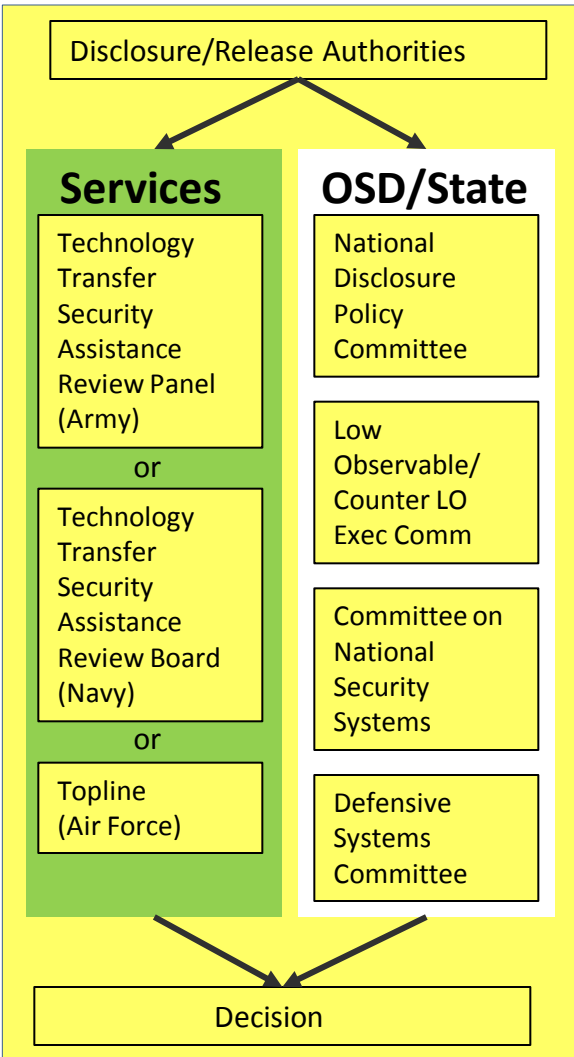
- **DoD participating in two review processes**
  - An internal DoD review, aimed at streamlining and harmonizing processes associated with Technology Security & Foreign Disclosure
  - Presidential-directed interagency review of the export control system



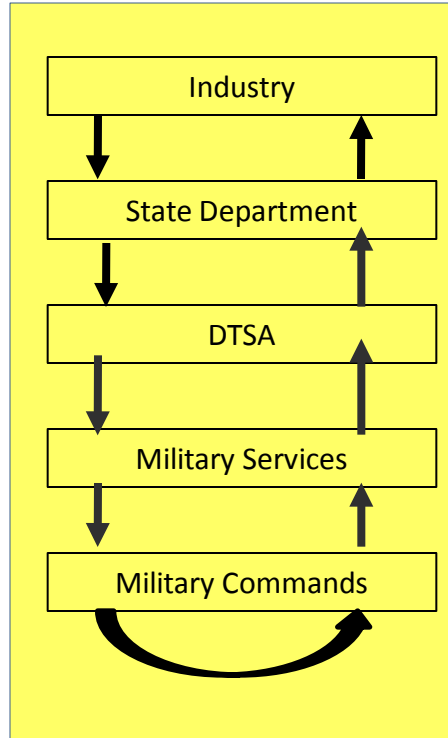
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# Arms Transfer & Technology Release Process

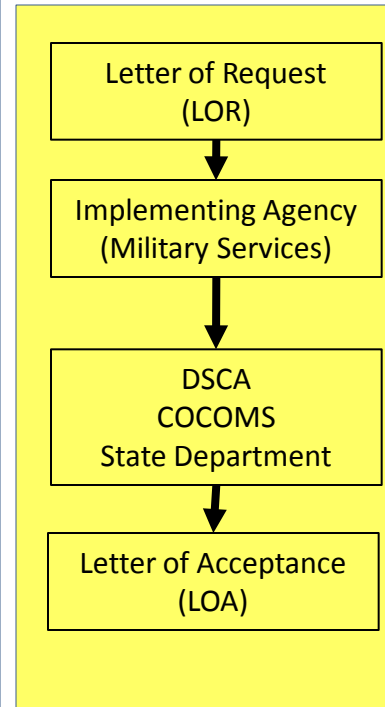
## Disclosure/Release Process



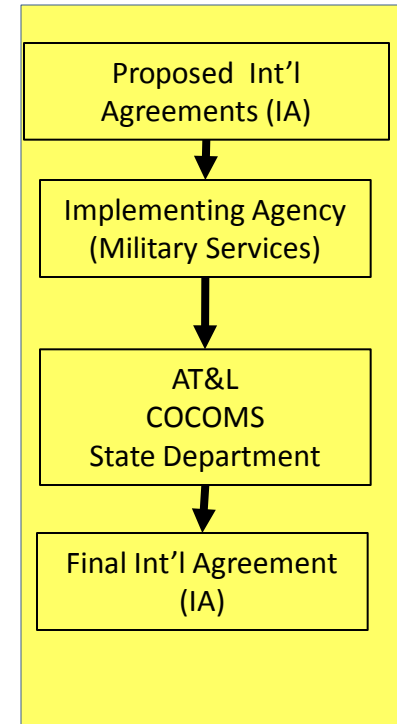
## Export Licensing: Direct Commercial Sales



## Foreign Military Sales



## Int'l Arms Cooperation



\* Note – Congressional reporting occurs for some DCS, FMS, and IAC transactions



# Arms Transfer & Technology Release Senior Steering Group

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- **Established in 2008 by Deputy Secretary of Defense.**
- **Focus of ATTR SSG:**
  - Ensure compliance to U.S. commitments
  - Provide clear policy-level direction
  - Seek process improvements
- **Address Long-Standing Challenges**
  - Process problems for precedent-setting, complex, and/or directed transfers
    - Need for better collaboration among DoD Policy, Acquisition, and Service components
    - Key objectives in the balance are technology security vs. support to friends and allies



# ATTR SSG Accomplishments

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- **Improved communications and situational awareness through:**
  - Regular open meetings
    - Members provide secretariat agenda item suggestions
    - Honest debate of issues
  - Process Improvements, such as:
    - Early notification
    - Electronic repository



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# Technology Security & Foreign Disclosure Processes

## PIPES CHART

NDP	LO/CLO	SAP	COMSEC	DSC	MTCR	Intel	Data Links	PNT/GPS	MNIS CENTRIX	Geo-spatial Products	EW	MILDEP Processes
DoD Lead: OUSD (P)	DoD Lead: AT&L	DoD Lead: AT&L	DoD Lead: NSA & NII	DoD Lead: AT&L	DoD Lead: DSCA/Policy	DoD Lead: USD(I)	DoD Lead: NII	DoD Lead: NII	DoD Lead: JS	DoD Lead: NGA	DoD Lead: TBD	DoD Lead: Various
EO 12356 NDP-1 DoDI 5230.11 DoDI 5200.39	EO 12968 EO 12958 DoDI S-5230.28	EO 12968 EO 12958 DoDD 5205.07 DoDI S-5230.8 DoDI S-5230.28	DoDD C-5200.5 NSD 42 DoDI 8523.01 CJSI 6510.06 A	DSD Memo 10/27/08 AT&L SP & DUSD TSP& NDP Memo 2/26/09	MTCR ITAR 121.16 DoD 5101.38 -M	DODD 5240.01 DIA DPR-00-217-99 JP 2-01 DoDI S-3200.17 DCID 6/7 DoDD C-5230.23 ICD-113	DoDD 4630.09	DODI 4650.06 NSPD #39 DoDD 4650.05	DODI 8110.1	DoDD 5105.60 DoDI 5030.59 DCID 1/8	DoDD 3222.4 DoDI O-3600.02	MILDEP-specific various
Primary Process	Primary Process	Primary Process	Primary Process	Specialized Process	Specialized process	Specialized process	Specialized process	Specialized process	Specialized process	No documented process	No documented process	Various documented process





# Technology Security & Foreign Disclosure Review

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- ***DSD* directed “a comprehensive review of DoD-led Technology Security and Foreign Disclosure (TS&FD) processes”.**
- **Review to include MILDEP processes.**
- **Findings and recommendations due to DSD on/about November 19, 2010.**



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# EXPORT CONTROL REFORM: Current System and Shortcomings

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- U.S. has a robust export control system, but it is rooted in the Cold War
  - System must be updated to address current threats
- Current system may not allow for timely or flexible cooperation with allies or partners
- Prolonged U.S. interagency deliberations
  - Commodity jurisdiction clashes: whether State or Commerce issues the license.
- Past reform efforts have “nibbled around the edges” for too long
  - Short term reform efforts at the detriment of fundamental reform.
- We may have squeezed all efficiencies out of current system



# EXPORT CONTROL REFORM: Department of Defense Views

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## ❑ Secretary's speech in April: Facing New Realities

- Threats have evolved—
  - global terrorism
  - proliferation of weapons of mass destruction, their delivery systems, and
  - advanced conventional weapons.
- Technology has evolved—
  - U.S. no longer is the only country on the cutting edge of technology.
  - New technologies are no longer always developed for military use and then converted to civilian; often it is the other way around.



# EXPORT CONTROL REFORM: Department of Defense Views

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## Secretary Gates noted:

- “We need a system that dispenses with the 95 percent of “easy” cases and lets us concentrate our resources on the remaining 5 percent.
- “By doing so, we will be better able to monitor and enforce controls on technology transfers with real security implications while helping to speed the provision of equipment to allies and partners who fight alongside us in coalition operations.”

**If addressed properly, national security and efficiency are not mutually exclusive.**

**Reform is driven by national security.**



# Share What We Can; Protect What We Must

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## **Protect the Crown Jewels**

- Ensure the protection of assets that give our warfighters a critical edge

## **Build Partnership Capacity**

- Secure ties with allies and partners; increase cooperation and collaboration

## **Enhance and improve enforcement, monitoring, and intelligence capabilities**

- Deny exports to countries and entities of concern



# EXPORT CONTROL REFORM: Way Forward

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## **Single List**

- Completed rewrite of Category VII (Tanks and Military Vehicles) and currently working on revising Category XV (Satellites).
- DoD is providing technical expertise and support to create positive controls on the USML, as part of the bright line exercise.

## **Executive Order on Single Enforcement Coordination Center**

- Critical element of the “higher walls”

## **Single IT System**

- DoD already linked with State; Commerce will integrate into the system next year

## **Single Licensing Agency**

- Working with Congress on legislation to enable establishment