

Application of Marking and Distribution Statements on Controlled Technical Information (CTI)

Tabletop Exercise Summary

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Purpose/Objective

Identification, Marking, and Flow Down of Unclassified Controlled Technical Information (CTI) Tabletop Exercise:

- **Overview of technical information requiring protection**
- **Overview of procedures to identify, mark, and disseminate technical information requiring protection**
- **Opportunity to explore lessons learned, hands-on experience, and working knowledge of procedures to identify and mark technical information and how it flows through the supply chain**
- **Opportunity to identify gaps surrounding government implementation of requirements that apply to technical information**
- **Opportunity to illuminate process gaps**
- **Opportunity to identify next steps for continued improvement**

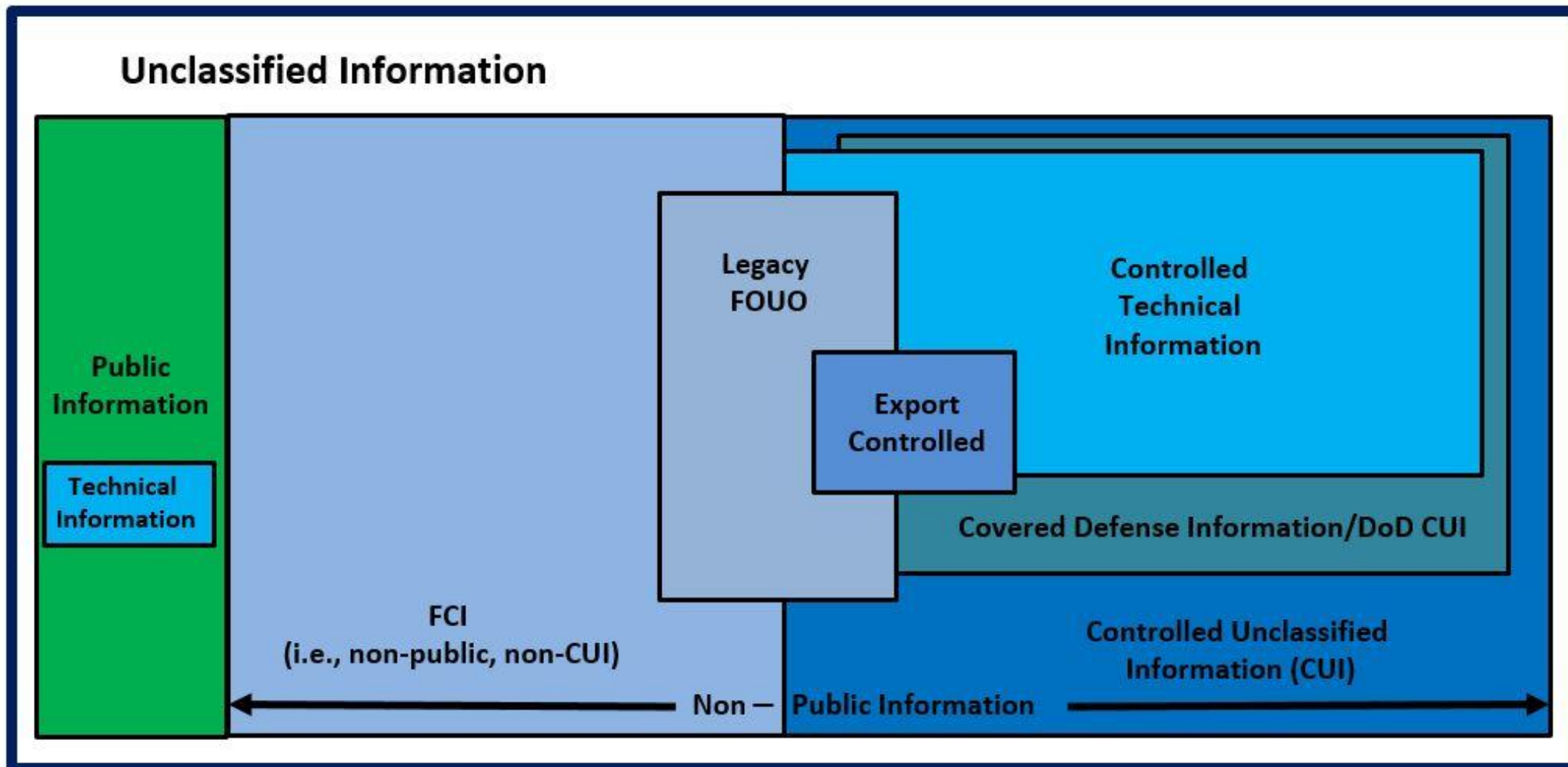


Agenda

- **Unclassified Technical Information Requiring Protection**
- **Overview of Protection Requirements**
- **Overview of Identification, Marking, and Dissemination Requirements**
- **Identifying, Marking, and Disseminating Technical Information**
- **Bulldog Exercise / Scenarios**
- **Identification of Lessons Learned**



Notional Unclassified Information Universe





Controlled Technical Information (CTI)

The authoritative source for technical information is DoD Instruction (DoDI) 5230.24, Distribution Statements on Technical Documents:

Technical information is technical data or computer software, as defined in DFARS 252.227-7013. Examples include:

- Research and engineering data
- Engineering drawings and associated lists, specifications, standards, process sheets, manuals, technical reports, technical orders, catalog-item identifications, data sets, studies and analyses and related information
- Computer software executable code and source code

Controlled Technical Information (CTI) is technical information with military or space application that is subject to controls on the access, use, reproduction, modification, performance, display, release, disclosure, or dissemination.

- If disseminated - meets the criteria for distribution statements B through F as set forth in DoDI 5230.24
- Does not include information that is lawfully publicly available without restrictions

When providing CTI to the contractor in support of the performance of the contract, CTI must be marked or otherwise identified in the contract, task order, or delivery order



Protection Requirements Codified in the FAR and DFARS

Information	Coverage in the FAR and DFARS	Req'ts for Protection
Federal Contract Information (FCI) (i.e., non-public, non-CUI)	FAR 52.204-21, Basic Safeguarding of Contractor Info Systems <i>(Requires contractor to apply basic safeguarding requirements to information systems that process, store, or transmit FCI)</i>	FAR contains subset of NIST SP 800-171 <i>(as documented in 8582.01)</i>
Controlled Technical Information (CTI) Covered Defense Information <i>(includes CTI)</i>	DFARS 252.204-7012, Safeguarding Covered Defense Information and Cyber Incident Reporting <i>(Requires contractor to implement NIST SP 800-171 to safeguard covered defense information - to include unclassified CTI – on the contractor’s unclassified information system)</i>	NIST SP 800-171 <i>(as documented in 8582.01)</i>
Controlled Unclassified Information (CUI) <i>(includes covered defense information and CTI)</i>	FAR Case 2017-016, Controlled Unclassified Information (Proposed Rule – pending publication) <i>Implements NARA CUI program which provides regulations to address agency policies for designating, safeguarding, disseminating, marking, decontrolling, and disposing of CUI</i>	NIST SP 800-172 <i>(DoD implementation pending)</i>
Controlled Unclassified Information (CUI) <i>(includes covered defense information and CTI)</i>	DFARS 252.204-7019/7020, Assessing Contractor Implementation of Cybersecurity Requirements <i>Requires contractor to have a current NIST SP 800-171 DoD Assessment (and refers to NIST SP 800-171A) for each covered contractor information system that is relevant to the offer, contract, task order, or delivery order.</i>	NIST SP 800-171

When a contract includes these provisions/clauses – you should not duplicate the protection/assessment requirements elsewhere in the contract



Overview of Relevant Policy/Guidance

- **DoDI 5000.83, Technology & Program Protection to Maintain Technological Advantage**
 - Reinforces responsibilities for S&T managers and engineers to manage and control the breadth of technical information to include the identification, marking, and dissemination of CTI
- **DoDI 3200.12, DoD Scientific and Technical Information Program (STIP)**
 - Establishes a coordinated program to manage scientific and technical information created or acquired in the execution of science and technology programs consisting of basic research, applied research, and advanced technology development programs
- **DoDI 5230.24, Distribution Statements on Technical Documents**
 - Establishes procedures for marking CTI and assigning distribution statements and warning labels
- **DoDD 5230.25, Withholding of Unclassified Technical Data from Public Disclosure**
 - Assigns responsibilities for the dissemination/withholding of technical data that discloses critical technology (export controlled) with military or space application
- **DoDI 2040.02 International Transfers of Technology, Articles, and Services**
 - Assigns responsibilities, and prescribes procedures for the international transfer of dual-use and defense-related technology, articles, and services
- **ITAR (22 CFR Sections 120-130) and EAR (15 CFR Sections 730-774)**
- **DoDI 5200.48, Controlled Unclassified Information (CUI)**
 - Assigns responsibilities, and prescribes procedures for CUI throughout DoD in accordance with Executive Order (EO) 13556 and other authorities



ITAR vs. EAR – Which Applies?

Regulation	Regulates	Governing Agency	Documentation
ITAR	Defense articles and defense services	U.S. Dept of State, Directorate of Defense Trade Controls (DDTC)	United States Munitions List (USML)
EAR	Commercial/dual-use items and technology	U.S. Department of Commerce Bureau of Industry & Security (BIS)	Commerce Control List (CCL)

If you are unsure whether your item is controlled by ITAR or EAR, contact your International Program Office for assistance with the following:

- Determine what governing agency is responsible for the jurisdiction, licensing, policy and enforcement of your items.
- Conduct a thorough review of the USML. Your customer may be able to provide you with information about the item and its end-use that can be helpful/
- Obtain a Commodity Jurisdiction (CJ) from DDTC to understand which regulation applies.

Although different in terms of structure, administration, and items controlled, both the ITAR and EAR seek to protect U.S. national security by preventing the unauthorized export of controlled items



Identification and Marking of CTI

DoDI 5230.24 – Distribution Statements on Technical Documents

Dissemination Limitation	Category / Reason	Date	Controlling Org
<p>Distribution A: Public Release*</p> <p>Distribution B: U.S. Govt Only</p> <p>Distribution C: U.S. Govt & Contractors</p> <p>Distribution D: DoD & US DoD Contractors</p> <p>Distribution E: DoD only</p> <p>Distribution F: Further dissemination only as directed by controlling office</p>	<p>Administrative or Operational Use</p> <p>Contractor Performance Evaluation</p> <p>Critical Technology</p> <p>Direct Military Support</p> <p>Export Controlled</p> <p>Foreign Government Information</p> <p>Operations Security</p> <p>Premature Dissemination</p> <p>Proprietary Information</p> <p>Software Documentation</p> <p>Specific Authority</p> <p>Test and Evaluation</p> <p>Vulnerability Information</p>	<p>Note: Reason Determination Date</p>	<p>Note: Controlling Org can be different than the Authoring Org</p>
<p><i>* For CUI developed by or for the government apply Distro A: Public Release – NO Dissemination limitation</i></p>		<p>DoD Policy was established in 1965</p>	

Example of Marking for Distribution Statement E

Distribution authorized to DoD only; Proprietary Information; 15 Apr 2017. Other requests for this document shall be referred to AFRL/VSSE, 3550 Aberdeen Ave. SE, Kirtland AFB, NM 87117-5776. REL TO UK

Example of Marking for Export Control Warning (Also requires separate distribution statement)

WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et seq.) or the Export Control Reform Act of 2018 (Title 50, U.S.C., Chapter 58, Sec. 4801-4852). Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.



Marking and Identifying CTI

S&T Managers/Engineers/Program Offices/Requiring Activities must:

- Mark or otherwise identify Controlled Technical Information (CTI) provided to the Contractor as Government Furnished Information (GFI)
- Direct appropriate marking and dissemination requirements for CTI in the contract when CTI is to be acquired

Contractor requirements to safeguard CTI in accordance with DFARS 252.204-7012 apply only when CTI is marked or otherwise identified in the contract

The Contractor must follow the terms of the contract, to include:

- Implementing the marking and dissemination requirements contained on GFI
- Marking CTI that is collected, developed, received, transmitted, used or stored in support of the performance of the contract
- Determining if information provided to subcontractors retains identify as CTI (consult with contracting office if/as required)
- Include DFARS Clause 252.204-7012 in subcontracts that require CTI for subcontractor performance



Marking and Dissemination Guidance

The Contract

- Guidance may be found in Statement of Work, Contract Clauses, CDRLs, DIDs, SCGs, etc.

DoDI 5230.24, Distribution Statements on Technical Documents

- Establishes markings for managing, sharing, safeguarding, and disseminating technical documents in accordance with policy and law
- Provides Distribution Statements for Use on Technical Documents

CTI must be marked with distribution statements in accordance with DoDI 5230.24

DD Form 254, DoD Contract Security Classification Specification

- Provides Contractors/Subcontractors with security requirements and classification guidance in contracts involving access to classified information
- Guidance for CUI can be found here if the program also includes classified information

DoDI 5200.48, CUI

- Establish policy for designation/safeguarding/decontrolling CUI; establish DoD CUI Registry
- Provides marking guidelines for unclassified and classified documents containing CUI

Program offices/requiring activities are not required to modify existing contracts solely to comply with DoDI 5200.48 or to address updates to the DoD CUI Registry



Defense Categories / “Reasons” to Assign Distribution Statement B-E (DoDI 5230.24)

Reason	B	C	D	E
Administrative or Operational Use	X	X	X	X
Contractor Performance Evaluation	X			X
Critical Technology *	X	X	X	X
Direct Military Support *				X
Export Controlled *	X	X	X	X
Foreign Government Information	X	X	X	X
Operations Security	X			X
Premature Dissemination	X			X
Proprietary Information	X			X
Test and Evaluation	X			X
Software Documentation	X	X	X	X
Specific Authority	X	X	X	X
Vulnerability Information	X	X	X	X

* Indicates information will be marked with an Export Control Warning

Frequently used reasons highlighted in blue – in depth discussion to follow



Marking and Identifying CTI

Distribution Statements A – F

DISTRIBUTION STATEMENT A	Approved for public release: distribution unlimited.
DISTRIBUTION STATEMENT B	Distribution authorized to U.S. Government agencies (reason) (date of determination). Other requests for this document shall be referred to (controlling DoD office).
DISTRIBUTION STATEMENT C	Distribution authorized to U.S. Government agencies and their contractors (reason) (date of determination). Other requests for this document shall be referred to (controlling DoD office).
DISTRIBUTION STATEMENT D	Distribution authorized to DoD and U.S. DoD contractors only (reason) (date of determination). Other requests for this document shall be referred to (controlling DoD office).
DISTRIBUTION STATEMENT E	Distribution authorized to DoD Components only (reason) (date of determination). Other requests for this document shall be referred to (controlling DoD office).
DISTRIBUTION STATEMENT F	Further dissemination only as directed by (controlling office) (date of determination) or higher DoD authority.



Example* of Marking Directions for Controlled Technical Information

A Cooperative Program Example

1. DATA ITEM NO. A012		2. TITLE OF DATA ITEM SOFTWARE REQUIREMENTS SPECIFICATION (SRS)/ INTERFACE REQUIREMENTS SPECIFICATION (IRS)		3. SUBTITLE			
4. AUTHORITY (Data Acquisition Doc. No.) DI-IPSC-81433A		5. CONTRACT REFERENCE SOW Paragraphs A.2.1, A.6.3, B.2.1, D.3.2,F.8		6. REQUIRING OFFICE PMS425			
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED D (SEE BLK 16)		10. FREQUENCY ASREQ			
8. APP CODE A		11. AS OF DATE N/A		12. DATE OF FIRST SUBMSSN SEE BLOCK 16			
16. REMARKS		13. DATE OF SUBSEQ SUBMSSN SEE BLOCK 16		14. DISTRIBUTION			
<p>BLOCK 4: DI-IPSC-81434A contains the IRS requirements to be included in the SRS.</p> <p>BLOCK 9: DISTRIBUTION STATEMENT D: Distribution authorized to the Department of Defense and U.S. DoD Contractors only for Administrative or Operational use, 5 July 2017. Other requests shall be referred to Program Executive Office, Submarines, PMS 425.</p> <p>Release to Australia authorized under the BYG-I Armament Cooperative Program.</p> <p>WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et seq.) or the Export Control Reform Act of 2018 (Title 50, U.S.C., Chapter 58, Sec. 4801-4852). Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.</p> <p>The information is furnished upon the condition that it or knowledge of its possession will not be released to another nation without specific authority from the Department of the Navy of the U.S.; that it will not be used for other than military purposes; that individual or corporate rights originating in the information, whether patented or not, will be respected and; that the information will be provided the same degree of security afforded it by the Department of Defense of the U.S. Regardless of any other markings on this document, it may not be declassified or downgraded without the written approval of the originating U.S. agency.</p> <p>BLOCKS 10, 12 and 13: Draft submittal fifteen (15) days prior to PDR. Final submittal at CDR closure.</p>		b. COPIES					
		a. ADDRESSEE		Final			
			Draft	Reg	Repr		
		PMS425	1	1	0		
		NUWC DMO	1	1	0		
PMS425DMO	1	1	0				
PCO026	1	1	0				
ACO	1	1	0				

- Information can be shared with:
 - DoD and DoD contractors
 - Australia, in accordance with the PMO agreement
- Information has export control requirements
- International markings are currently not consistent with U.S. markings

* Contained in publicly released solicitation



CTI in Solicitations and Contracts

- **Statement of Work (Section C)**
 - Prepared by Program Office (PM)/ Requiring Activity (RA)

- **List of Attachments (Section J)**
 - Attachments collected by Program Office
 - Data deliverables as identified in CDRL: Prepared by PM/RA
 - Security Classification Guides
 - Specifications: Prepared by PMO/RA
 - Other GFI: Various



CONTRACT SECTION	PART I. THE SCHEDULE	
	A	Solicitation/Contract Form
	B	Supplies or Services and Prices/Costs
SOW 1. Scope 2. Reference Doc. 3. Requirements	← C	Description/Specifications/Work Statement
	D	Packaging and Marking
Contract Delivery Dates CLINs Performance Time Frame	← E	Inspection and Acceptance
	F	Deliveries or Performance
	G	Contract Administration Data
	H	Special Contract Requirements
	PART II. CONTRACT CLAUSES	
	I	Contract Clauses
	PART III. LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS	
	J	List of Attachments
	PART IV. REPRESENTATIONS AND INSTRUCTIONS (Included in solicitations/RFPs only)	
Offeror's Type of Business Buy American Act Provisions Cost Accounting Standards Notices, etc.	← K	Representations, certifications, and Other Statements of Offerors
	L	Instructions, Conditions, and Notices to Offerors
	M	Evaluation Factors for Award
	Contract Attachments (i.e., SOW/SOO) Contract Exhibits (i.e., CDRLs)	

Preparation of Statement of Work – Mil Handbook 254D

Security Clearances
Geographic Location
Unique Requirements

Clauses required by Procurement Regulations or Law which pertain to this Procurement

List Contains:
Security Form
CDRL
SOW
Specification
Financial Data:
Sheet
Exhibits

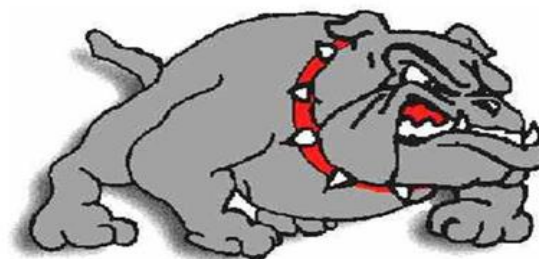
Type of Contract, Solicitation Definitions, Prop reqmts, Progress Payments, etc.

How Proposal will be Evaluated



Bulldog Exercise / Scenarios

- **Exercise Instructions**
- **Scenarios to Determine, Identify and Mark CTI**
 1. Initial Capabilities Document (ICD)
 2. System Performance Specification
 3. Systems Engineering Plan (SEP) and Systems Engineering Management Plan (SEMP)
 4. Use of Capability Development Document (CDD)
 5. CTI Provided to Contractor by DoD
 6. CTI Created by the Contractor





Exercise Instructions

- Identify reasons to control technical information (*i.e., Administrative or Operational Use, Critical Technology, Export Controlled, Foreign Government Information, Operations Security, Proprietary Information, Vulnerability Information*)
- Identify marking requirements for DoD, prime, subcontractors, suppliers
- Identify distribution statements to apply to CTI (*i.e., B, C, D, E, or F*)
- Determine types of technical information included in flow down (*i.e., public information or CTI*)
- Track identified program data as it flows from DoD, to prime, to subcontractors
- Break out CUI categories in the data flow descriptions for tracking purposes (*i.e., reasons and distribution statement*)
- Identify best practices for limiting flow of information

Assumption: For the purposes of this exercise – all technical information has been determined to be ‘unclassified’

It is the objective of this exercise to identify appropriate markings for controlled technical information



Scenario 1: Initial Capabilities Document (ICD)

- **Unmanned Ground Vehicle (UGV) Systems must:**

- Be expeditionary with lethal and non-lethal capabilities that are versatile, agile, sustainable, survivable, and capable to transition across the spectrum of operations.

C U.S. Government agencies and their contractors (Reason: Critical Technology)

- Provide persistent surveillance for situational awareness. Can provide force application, including targeting, lethal fires, and non-lethal effects, while protecting the force through standoff from threat capabilities.

E DoD Components only (Reason: Operational Security)

- Utilize distributed network control-communication architecture which allows for flexible integration/operation of multiple remote sensor systems/control stations. Architecture must provide flexibility in future integration with evolving military digital radio networks (i.e. Army's Tactical Internet/DARPA's Warfighter Internet).

C U.S. Government agencies and their contractors (Reason: Critical Technology)

- Provide options not available to meet an urgent need. Needed operational capabilities are not provided in any near term integrated combat system, putting soldiers, airmen, and marines in inordinately high-risk situations.

D DoD and U.S. DoD contractors only (Reason: Critical Technology)

- Capable of conducting operations in all operational environments, including hot/basic/cold.

C U.S. Government agencies and their contractors (Reason: Critical Technology)



Scenario 1: Initial Capabilities Document (ICD)

- **Potential for allied cooperation** deemed high due to **multi-mission/multi-role nature** of UGVs, i.e., Export Controlled or Federal Government Information

C U.S. Government agencies and their contractors (Reason: Foreign Government Information)

- Potential alternatives limited to UGV Systems, components, and technologies already fielded and/or in production, **technologies in advanced development (e.g., Joint Capability Technology Demonstration (JCTD))**, and those slated for production within 3-4 years. **Emerging and later maturing technologies** may be considered for future insertion to meet objective system requirements.

D DoD and U.S. DoD contractors only (Reason: Critical Technology)

- Standardization/Interoperability: The UGV System must have appropriate levels of **standardization and interoperability** with the **other Services, allies, and coalition partners**.

C U.S. Government agencies and their contractors (Reason: Foreign Government Information)

- Infrastructure Support: The UGV System must be supportable by current and projected combat support and service support assets. They must be **transportable in an operational configuration in strategic and tactical air transportation aircraft**. UGV Systems **must also be capable of transport on unrestricted highway, rail, maritime** prepositioned ships, amphibious ships, amphibious landing craft, and **other marine transport worldwide**.

C U.S. Government agencies and their contractors (Reason: Vulnerability Information)



Scenario 2: System Performance Specification

The Bull Dog UGV System will be used in a variety of critical, high risk warfighting situations requiring an integrated suite of unmanned air and ground vehicles across the spectrum of conflict.

C U.S. Government agencies and their contractors (Reason: Critical Technology)

Capable of independent operations, ... will carry onboard weapons with the capacity to destroy fixed and mobile targets.

D DoD Components only (Reason: Critical Technology)

The UGV System will also be capable of line-of-sight (LOS) remote control from the Joint Command and Control System (JCCS) and non-LOS (NLOS) control via relay using participating UAV assets.

D DoD Components only (Reason: Critical Technology)

Missions include: intelligence; RSTA; mine detection; direct and indirect fire support; attack of moving targets; reduction of bunkers and other strong point defenses; and communication of target locations to indirect fire and command and control systems ...

D DoD Components only (Reason: Critical Technology)

These missions will be performed predominately in areas too hazardous to send humans or manned vehicles. The Bull Dog UGV will be capable of operating in Biological/Chemical (BC) contaminated environments.

D DoD Components only (Reason: Critical Technology)

POWER



Battery Provides low wattage.



Fuel Cell Provides moderate wattage.



Generator Provides abundant power.

ELECTRONICS



Targeting Laser Works with radio transmitter to direct AC-130 attack if kept on target.



Radio Transmitter Works with targeting laser to notify AC-130 that an airstrike is needed.



Linear Mine Detector Finds mines using a narrow but long-range detection area.



Hemispherical Mine Detector Finds mines using a half-circle and medium-range detection area.



Proximity Mine Detector Finds mines in every direction using a short-range detection area.



Radar Shows enemy location on HUD.



Electronic Counter Measures Hides you from enemy radar.



Targeting Computer Will auto-target enemy when in range.

WEAPONS



Machine Gun Fires high caliber rounds at a fast rate.



Mini Gun Fires high caliber rounds at a faster rate than the machine gun.



Grenade Launcher Point and shoot grenade launcher.



Free Rocket Point and shoot straight trajectory missile.



Laser-Guided Missile Can be fired and directed by the targeting laser.



Multi-Shot Free Rockets Point and shoot straight trajectory missiles (3 at once).



Scenario 4: Capability Development Document (CDD)

Joint Capability Areas (JCAs) - Description, Metrics, Minimum values

- Force application – Engagement
- Protect – Prevent – Mitigate
- Command and Control – Understand

D DoD and U.S. DoD contractors only (Reason: Critical Technology)

CDD Requirements

- Dissemination of Target Data

D DoD and U.S. DoD contractors only (Reason: Critical Technology)

- Probability of Detect (Pd) for Mines

D DoD and U.S. DoD contractors only (Reason: Critical Technology)

- Unrefueled Range (i.e., Mission range from Operator Control Unit (OCU) unrefueled)

C U.S. Government agencies and their contractors (Reason: Critical Technology)

- Minimum Top Speed

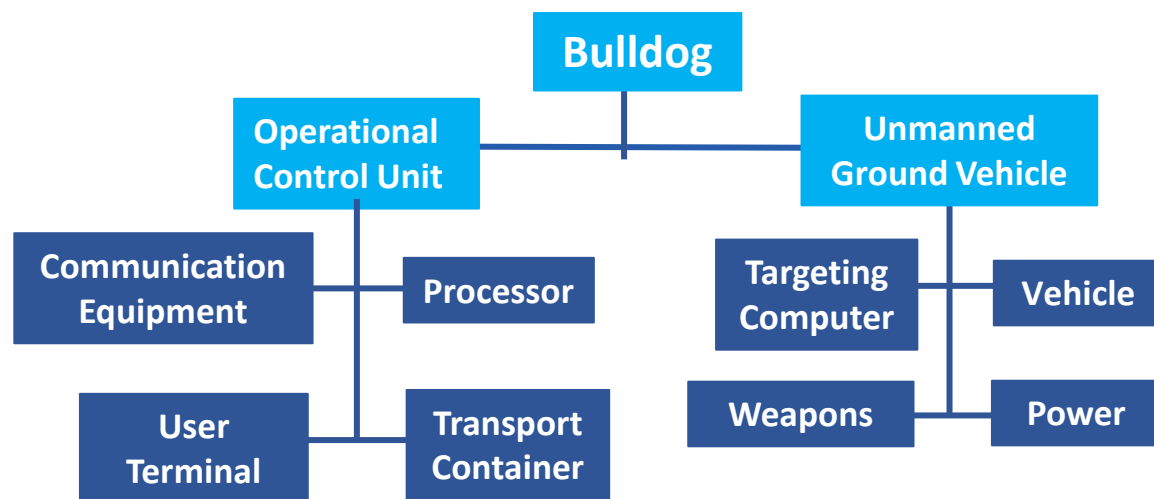
D DoD and U.S. DoD contractors only (Reason: Critical Technology)

- Probability of Kill (Pk) in Autonomously Targeting and Launching One or More Weapons

C U.S. Government agencies and their contractors (Reason: Critical Technology)



Scenario 5: CTI Provided to Contractor by DoD



System: Bulldog

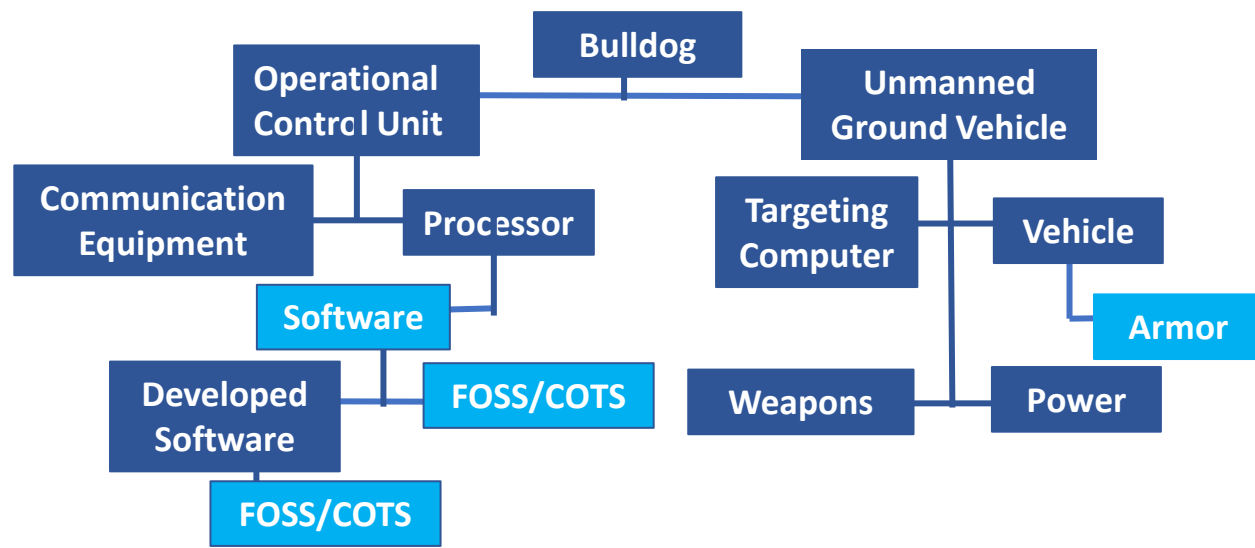
Tasks:

- Support Program Mgt Office with competition, logistics support, etc.
- System/subsystem design, development, integration, and verification; production/ final assembly

Data flow from DoD to Prime (Bulldog)	Distribution/Reason =
• Systems Engineering Plan (SEP)	D DoD and U.S. DoD contractors only (Reason: Critical Technology)
• Program planning information	D DoD and U.S. DoD contractors only (Reason: Administrative or Operational Use)
• Interface Control Documents	D DoD and U.S. DoD contractors only (Reason: Critical Technology)
• Technical Manuals	C U.S. Government agencies and their contractors (Reason: Administrative or Operational Use)
Data flow from Prime (Bulldog) to Subs	Distribution/Reason =
• Subsystem specification and ICDs	D DoD and U.S. DoD contractors only (Reason: Critical Technology)
• Subcontractor SOW	D DoD and U.S. DoD contractors only (Reason: Critical Technology)



Scenario 5: CTI Provided to Contractor by DoD



System: Armor
Task: Armor design, development, and production

System: Radar Real Time Operating System
Task: Supply COTS Operating System

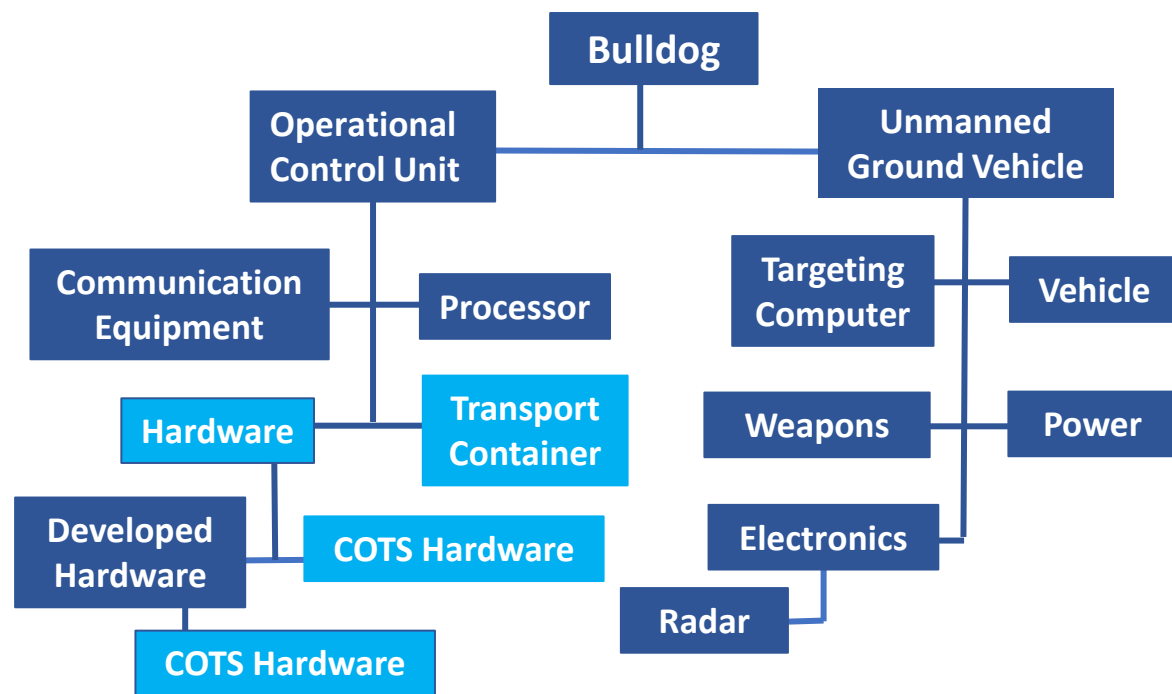
NOTE: COTS items could also be wing nuts, O-rings, etc.

Data flow from USG to Prime (Bulldog)	Distribution/Reason =
• Armor Requirements/Performance Specification	D DoD and U.S. DoD contractors only (Reason: Critical Technology)
• Software Source Code, SBOM	E DoD Components only (Reason: Software Documentation, Proprietary)
• Commercial (modified COTS) & COTS SW Executables	E DoD Components only (Reason: Software Documentation)
• Non-commercial Software Executables (GFE)	D DoD and U.S. DoD contractors only (Reason: Critical Technology)
Data flow from Prime (Bulldog) to Subs	Distribution/Reason =
• Proc Spec, SSOW for prod spt, License requests	D DoD and U.S. DoD contractors only (Reason: Critical Technology)

Goal would be to only flow down public data when purchasing COTS



Scenario 6: CTI Created by the Contractor



System: Transport Container
Task: Container design, development, and verification; production/container assembly

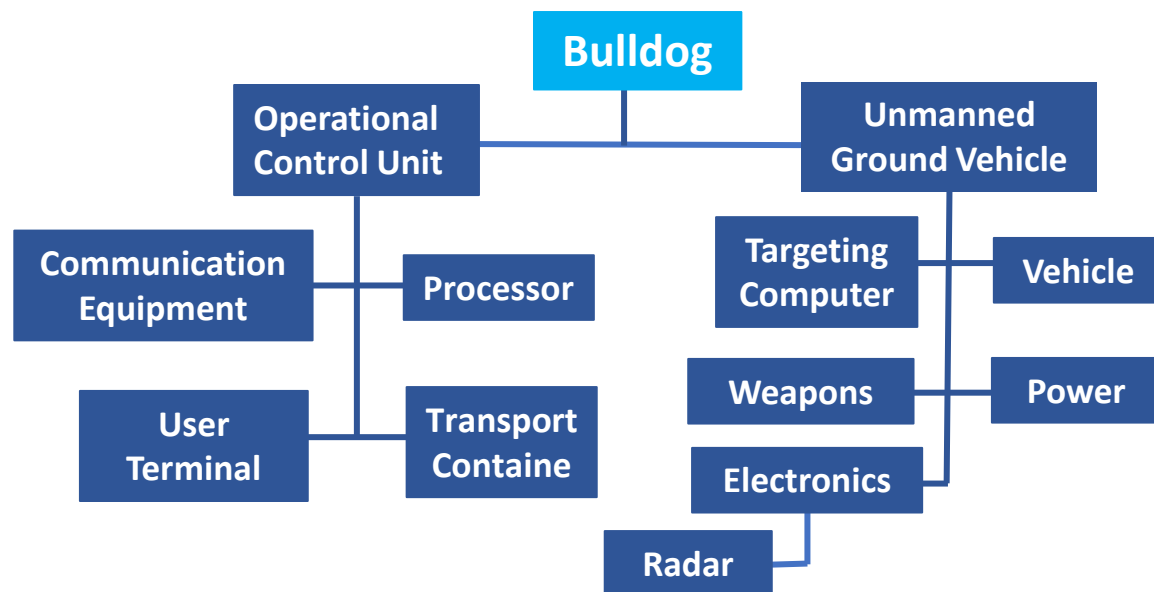
System: Radar Processor Hardware
Task: Supply COTS motherboard

NOTE: COTS items could also be wing nuts, O-rings, etc.

<p>Data flow from Prime (Bulldog) to DoD</p> <ul style="list-style-type: none"> • Transport container design drawings, dimensions, tech specs, user manual 	<p>Distribution/Reason =</p> <p>D DoD and U.S. DoD contractors only (Reason: Administrative/Operational Use)</p>
<p>Data flow from Sub to Prime</p> <ul style="list-style-type: none"> • COTS Motherboard component requirements 	<p>Distribution/Reason =</p> <p>D DoD and U.S. DoD contractors only (Reason: Software Documentation)</p>



Scenario 6: CTI Created by the Contractor



System: Bulldog

Task:

- Manage program cost, schedule, and performance

<p>Data flow from Prime (Bulldog) to DoD</p> <ul style="list-style-type: none"> • Systems Engineering Management Plan (SEMP) • Program management planning, financials, schedules, technical risk 	<p>Distribution/Reason =</p> <p>E DoD and U.S. DoD contractors only (Reason: Proprietary)</p> <p>E DoD and U.S. DoD contractors only (Reason: Proprietary)</p>
<p>Data flow from Subs to Prime (Bulldog)</p> <ul style="list-style-type: none"> • Financials, schedules, technical risk • Test results, post-test equip changes 	<p>Distribution/Reason =</p> <p>E DoD and U.S. DoD contractors only (Reason: Proprietary)</p> <p>E DoD and U.S. DoD contractors only (Reason: Proprietary)</p>



Next Steps

- **Provide Exercise through Defense Acquisition University (DAU) webinar that steps through Bulldog scenarios**
- **Use feedback to refine the training**
- **Work with DAU to integrate training into their curriculum**