



# ***CMRP***

## ***Rehearsal of Concept***

### ***In-Brief***

***22 Apr 15***

# *Purpose*



- **Provide background information regarding the Comprehensive Materiel Response Plan (CMRP)**
- **Update Subject Matter Experts on the progress of CMRP**
- **Inform Way Ahead to validate business rules and conduct Rehearsal of Concepts (ROC) Drill**

# CMRP Visibility Capability Team Background



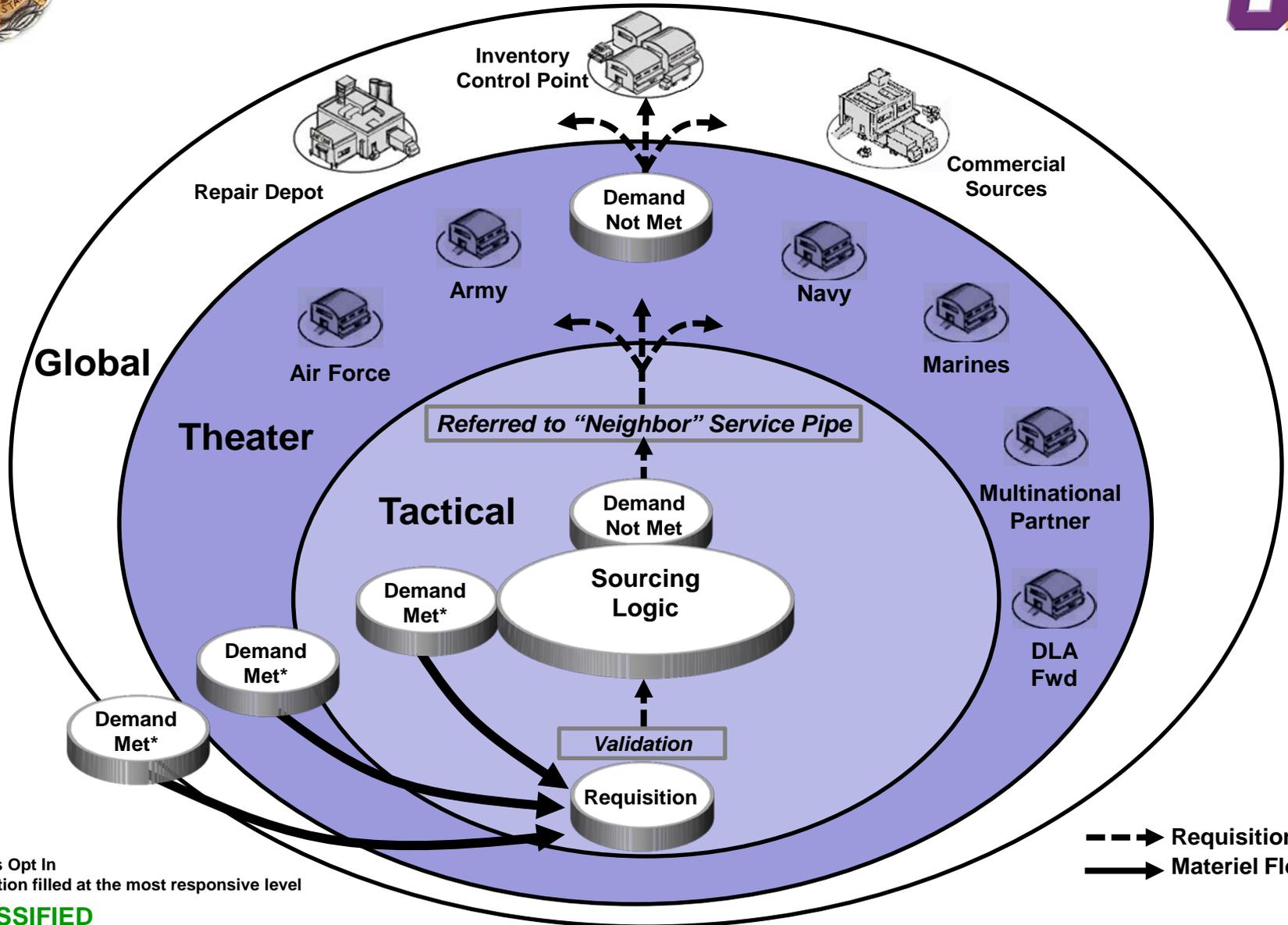
- **CMRS Signed (December 2011)**
  - *Describes the DoD strategy for integrating and synchronizing materiel response to support the full range of military activities in an increasingly constrained resource environment.*
- **CMRP Signed (January 2013)**
  - *Provides guidance for directing, coordinating, and prioritizing DoD efforts to achieve agile and effective global materiel response capabilities necessary to support operations described in the CCJO.*
- **CMRP Visibility Capability Team Chartered (April 2013)**
  - **Tasks**
    - ✓ *Further Identify the existing processes or capabilities necessary to increase sharing, standardization, and synchronized planning among Services*
    - ✓ *Define broad Enterprise Wide Visibility requirements necessary to enhance warfighter sustainment support*
    - ✓ *Assess existing and emerging DoD Logistics initiatives, concepts, and strategies in order to identify gaps, duplication, and proposed alignment recommendations*

# CMRP End State



- Achieve an agile and effective global materiel response capability by enhancing the Services' abilities to respond without restricting their unique capabilities
- Strive to improve warfighter agility and flexibility by increasing sharing, standardization, and synchronized planning among Services
- Collaborate with the Department's interagency and multinational partners
- Coordinate/synchronize with related initiatives and programs

# Future Tactical Requisition Concept



\*Services Opt In  
Requisition filled at the most responsive level

---> Requisition Flow  
--> Materiel Flow

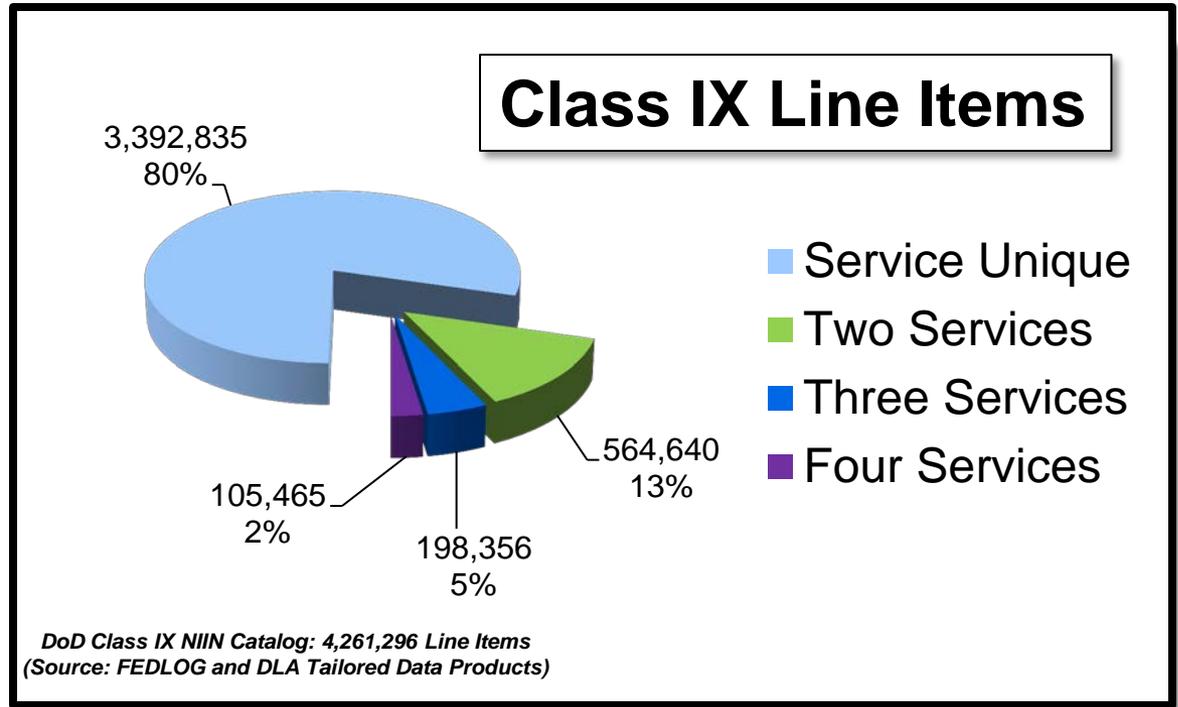


# Class IX NIIN Commonality by Service



Class IX Line Items				
X				459,693
	X			1,936,149
		X		84,980
			X	912,013
X	X			67,186
X		X		104,187
X			X	62,391
	X	X		20,157
	X		X	301,180
		X	X	9,539
X	X	X		18,499
X	X		X	128,807
X		X	X	32,545
	X	X	X	18,505
X	X	X	X	105,465
				1,570,445
				2,595,948
				393,877
				978,773

as of 10JUL13



**20% of the DoD's Class IX is Joint...**



# Follow-on CMRP Work



## ***Priority I:***

Develop Lateral Support Business Rules to Maximize Materiel Support to Units in Mission Window while Minimizing Risk to Units in Reset/Recovery

## ***Priority II:***

Using Business Rules from Priority I-- Conduct a Limited Beta Test as a Proof of Principle to Inform and Facilitate Implementation of CMRP on a Broader Scale

## ***Priority III:***

Examine “Automated System Modification” Requirements to Enable Execution of Business Rules Using Existing/Emerging Service Systems

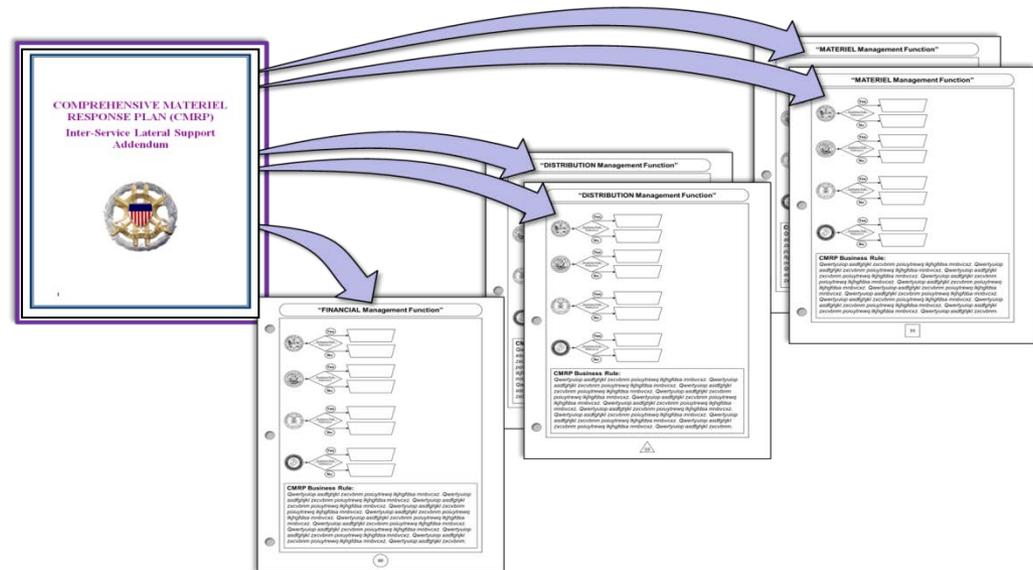
## ***Priority IV:***

Develop Cost Estimates for Required and Recommended Automated System Modifications

# CMRP Lateral Support Development



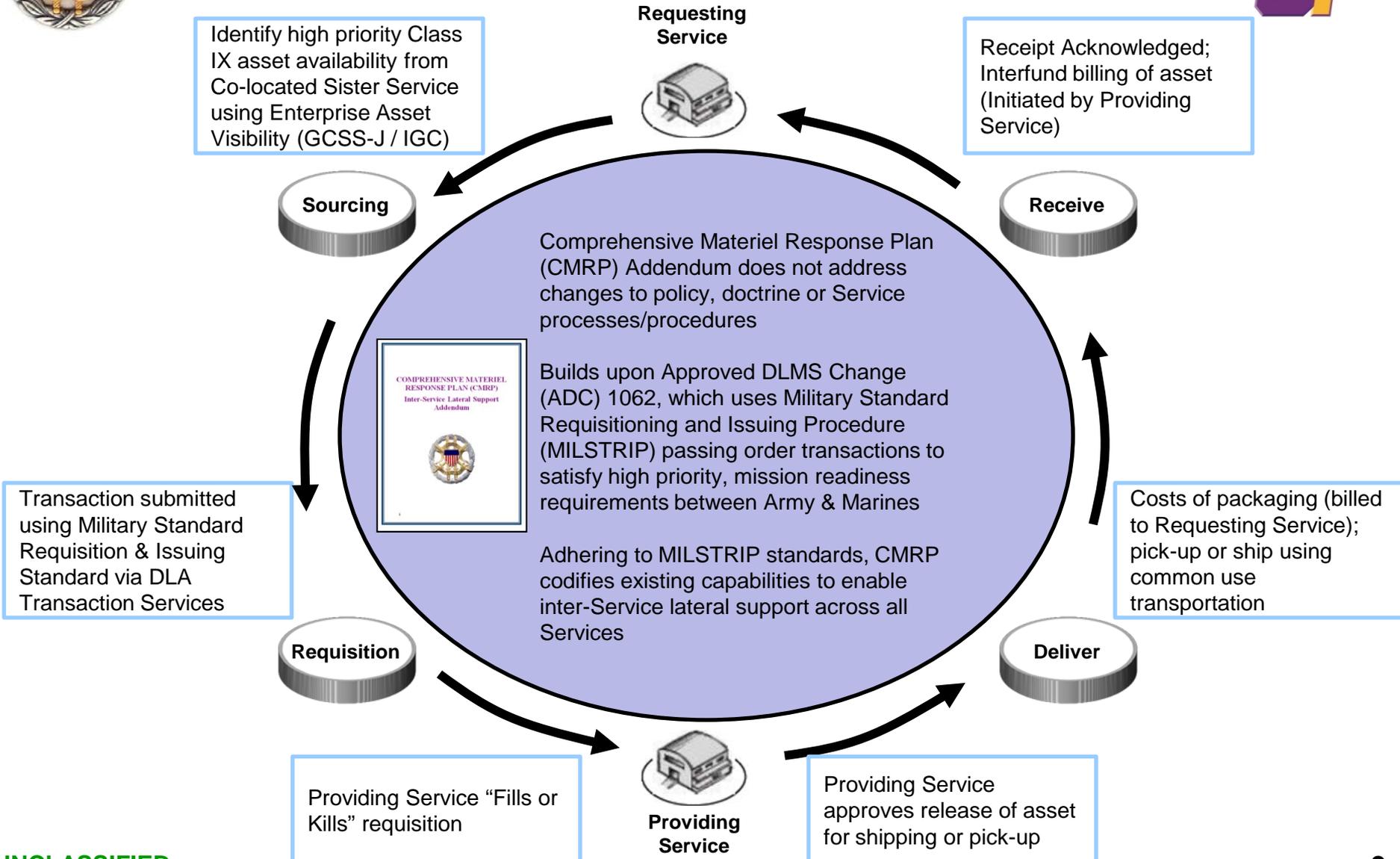
- Over the past year, the CMRP team gathered Subject Matter Experts (SMEs) from each Military Service, Office of the Secretary of Defense (OSD AT&L) (Supply Chain Integration/Transportation Policy/Comptroller), Joint Staff J4, Defense Logistics Agency (DLA) and US Transportation Command (USTRANSCOM)
- The teams (Materiel Management, Distribution Management and Financial Management) were tasked to provide tactical level expertise within their functional areas and develop business rules for Inter-Service requisitions
- These business rules are not designed to replace current policy, or drive Service Enterprise Resource Planning (ERP) system changes, but instead build upon existing procedures and codify inter-Service agreements.





# Summary of Notional Inter-Service Steps

# 4





# PoP Objective

# 4

**Proof of Principle is intended to validate the business rules as described in the CMRP Addendum**

OBJECTIVE – Building upon the efforts during Priority I, the Proof of Principle will:

- Validate the CMRP business rules; identify shortfalls and document best practices
- Investigate the interoperability between the Service systems via DLA Transaction Services
- Ensure visibility of transactions and accuracy throughout the supply chain process (materiel, distribution and financial)
- Provide recommendations for CMRP Addendum implementation



# System SMEs

# 4

	USA	USAF	USN	USMC
<b>Tactical Unit</b>	N/A – information will be provided	633 LRS	USS Gravelly	CLR 25 Supply Battalion
<b>Materiel SME</b>	Mike Wilson	SMSgt Edmund Burke	Steve Weir	Maj Hunter; CW5 Canady
<b>Distribution SME</b>	CW4 Harley Morin	MSgt Brandon Hobeck	Kacey Lorson	Kevin Ashley
<b>Financial SME</b>		Ms Linda Miles	Mark Johnson	Selester Copeland

**USTRANSCOM – N/A**

**DLA – N/A**



# ROC Drill Dates / Times



**Wednesday, 22 April**

**1400-1500: CMRP SME Indoctrination / ROC-drill In-Brief**

**Wednesday, 29 April**

**0900-1100: USA requisitions**

**1300-1500: USAF requisitions\***

**1100-1200: USA adjudication**

**1500-1600: USAF adjudication\***

**Thursday, 30 April**

**0900-1100: USN requisitions**

**1300-1500: USMC requisitions**

**1100-1200: USN adjudication**

**1500-1600: USMC adjudication**

**\*unclassified VTC and Telecom, all other sessions will be Secured VTC.**



# ROC Drill Methodology



## ROC Drill Indoctrination (22 April)

- Invite SMEs
- In-Brief Service SMEs on ROC Drill Plan
- IP#s for ROC Drill SVTC (**susp: 24 Apr**)

## ROC Drill (29-30 April) Center for Army Analysis (Ft Belvoir):

- Table-top exercise
- Service requisition will be tested throughout the entire supply chain process (materiel, distribution, financial)
- Requisitions will be submitted to each Sister Services, i.e. USAF will submit requisition to USA, USN and USMC

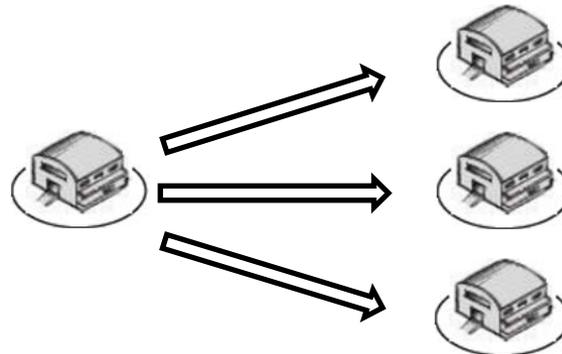
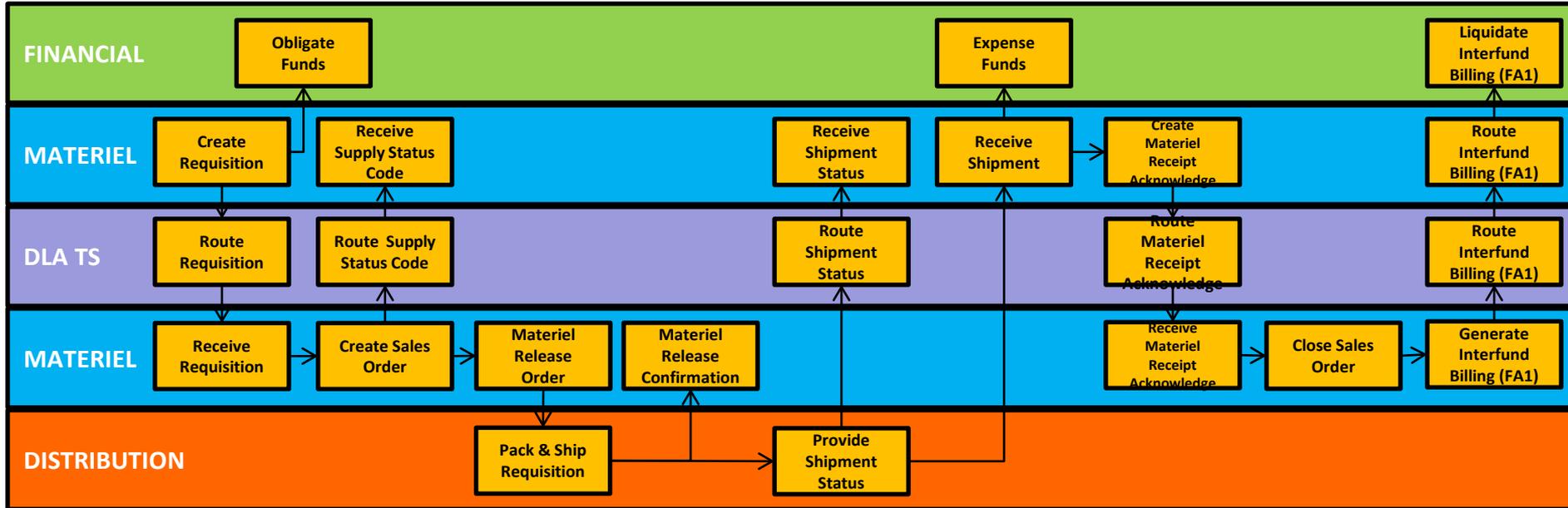
## Analysis (1 May 2015) J4 Conf Rm (2C913)

- Adjudicate issues / concerns; Identify and mitigate shortfalls
- Develop assumptions / execution plan for Proof of Principle



# ROC Drill Methodology

# 4



Single Service Buyer

Multi-Service Seller



*Questions?*



4

# ***BACKUP***



# Approach - Assumptions



- Environment is at deployed location
- Current system limitations prevent direct requisitions amongst the Services without an intermediary system
- Requisition submission by the Requesting Service
  - Materiel being requisitioned is not available in primary and alternate unit level retail inventory. (R1)\*
  - Materiel being requisitioned is available with retail-level sister-Service warehouse. (R2/R3)\*
  - Materiel being requisitioned from sister-Service is more responsive and meets the Estimated Delivery Date (EDD). (R2/R3)\*
  - Materiel being requisitioned meets is a “Fill” code: 2C, and meets required quantity and condition. (R2/R3)
  - Materiel being requisitioned will be honored by the sister-Service as the Providing Service. (R2/R3)\*
- Processing Submission by the Providing Service
  - The Requesting Service is an authorized customer (M1)\*
  - Materiel being provided is available in the correct quantity and required condition (M1)
  - Materiel is approved for release by the Approval Authority (M1)

# Priority I Business Rule Modules and Capability Teams



4

## Requisition Accommodation Module\*

Authorized requestor?  
High priority request?  
Stock on hand?

## Source of Supply Selection Module\*

Which SoS is most responsive?  
Requisition image to DLA Transaction Services and Inventory Control Point for transactions?

## CMRP SoS Transportation Module\*

Entry into transportation system?  
Shipment status updates?

## Financial Transaction Module\*

Interfund billing action trigger?  
Depot Level Repairable management?  
Supply Discrepancy Report management?

## Inventory Management Module\*

Confirmation of receipt?  
Capture demand signal for inventory stockage level boards and OPTEMPO calculations?



Materiel Management



Financial Management

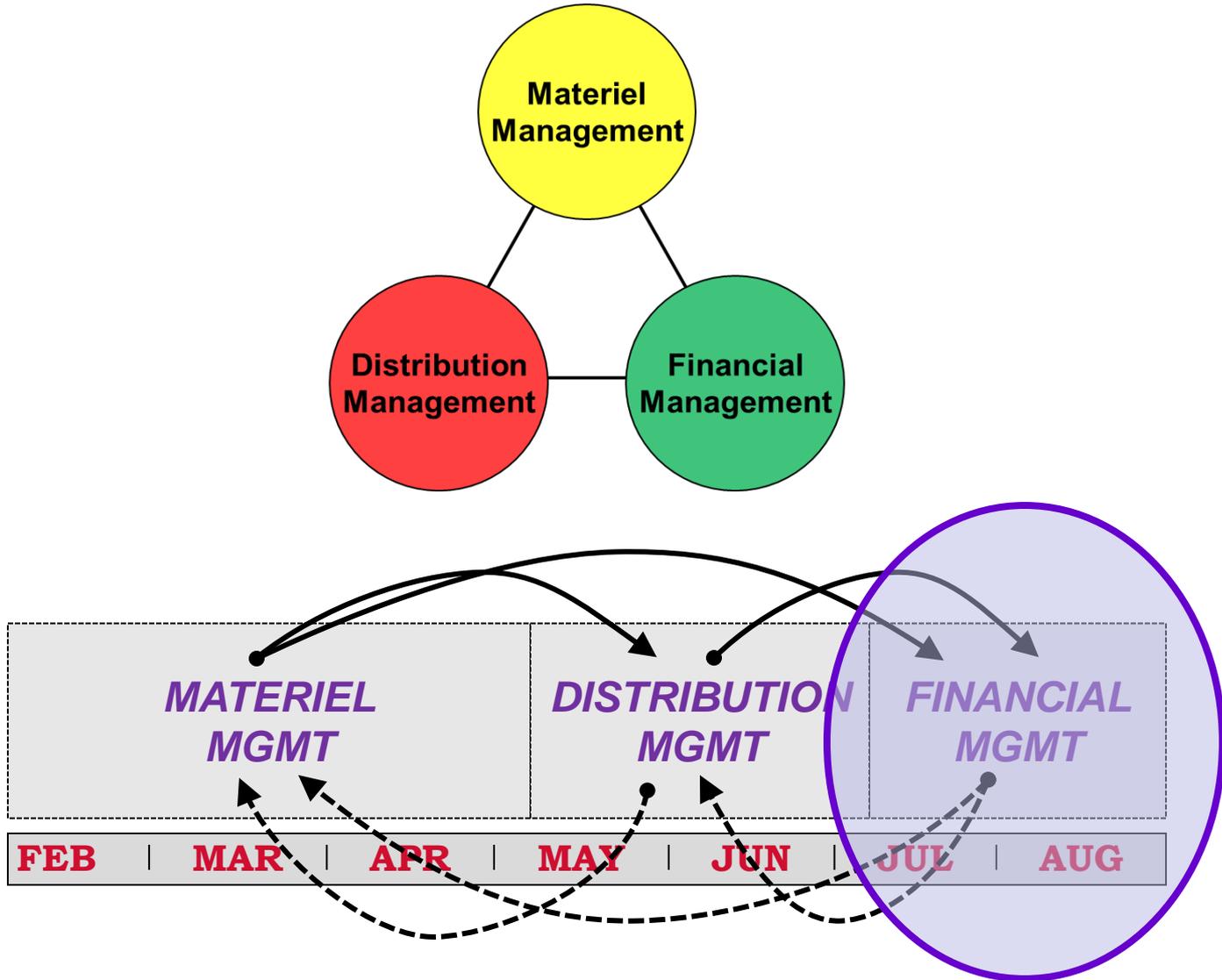


Distribution Management



# Iterative Approach

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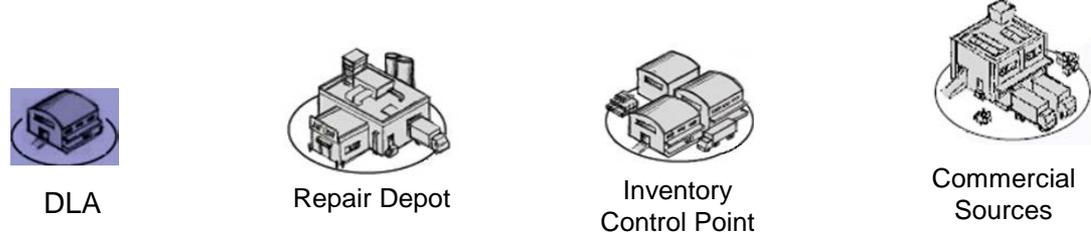
# Enterprise Wide Visibility

## Potential Foundational Initiatives



- Integrated Data Environment (IDE) / Global Transportation Network (GTN) Convergence (IGC) and Asset Visibility (AV) provide a level of visibility for most commodities across the DoD
  - Shortcomings:
    - System is interactive, not fully automated
    - Data pulls need additional tailoring (e.g., condition codes)
    - Limited data query capacity (e.g., challenges handling “enterprise level” data consolidation requests)
- Defense Logistics Management Standard (DLMS) Change 1062 (19JUN13)
  - Formalizes retail supply inter-service lateral support between the Army and the Marines
    - Start point for business rules
    - Start point for system modifications to support carrying out approved business rules
    - Serves as a potential guide to expand supply system interoperability to Navy, Air Force, Coast Guard, and rest of interagency as appropriate
- Strategic Network Optimization (SNO)
  - Collaboratively redesigning DLA distribution, inventory, and infrastructure to maximize efficiency and minimize cost
    - Although currently focused on a different segment of the supply chain, many of SNO’s business rules may be adapted to CMRP and lateral support of warfighters
    - CMRP will maintain coordination with SNO to ensure that respective initiatives are working towards synchronized joint solutions

Global



If not available in Theater, go to "Global."

3

Before going to Global/DLA, check with other Services. Services can see each others inventory. Army has the part. Pass req to them.

Referred to "Sister" Service Pipe

If all answered "No"...

Theater



2

Available at AF or servicing SSA? No.

4 Is part at SSA?

1

AF needs a part.



6

Can Army provide part? YES. Part provided by SSA. (Ship to AF Unit or AF SSA? Should AF SSA/Unit pick up instead?)



5

Can Army provide part? NO. "Go to 'Global.'"

Tactical

\*Requisition filled at lowest level possible (most responsive)

WHOLESALE

RETAIL

# Approved DLMS Change 1062

(19JUN13)



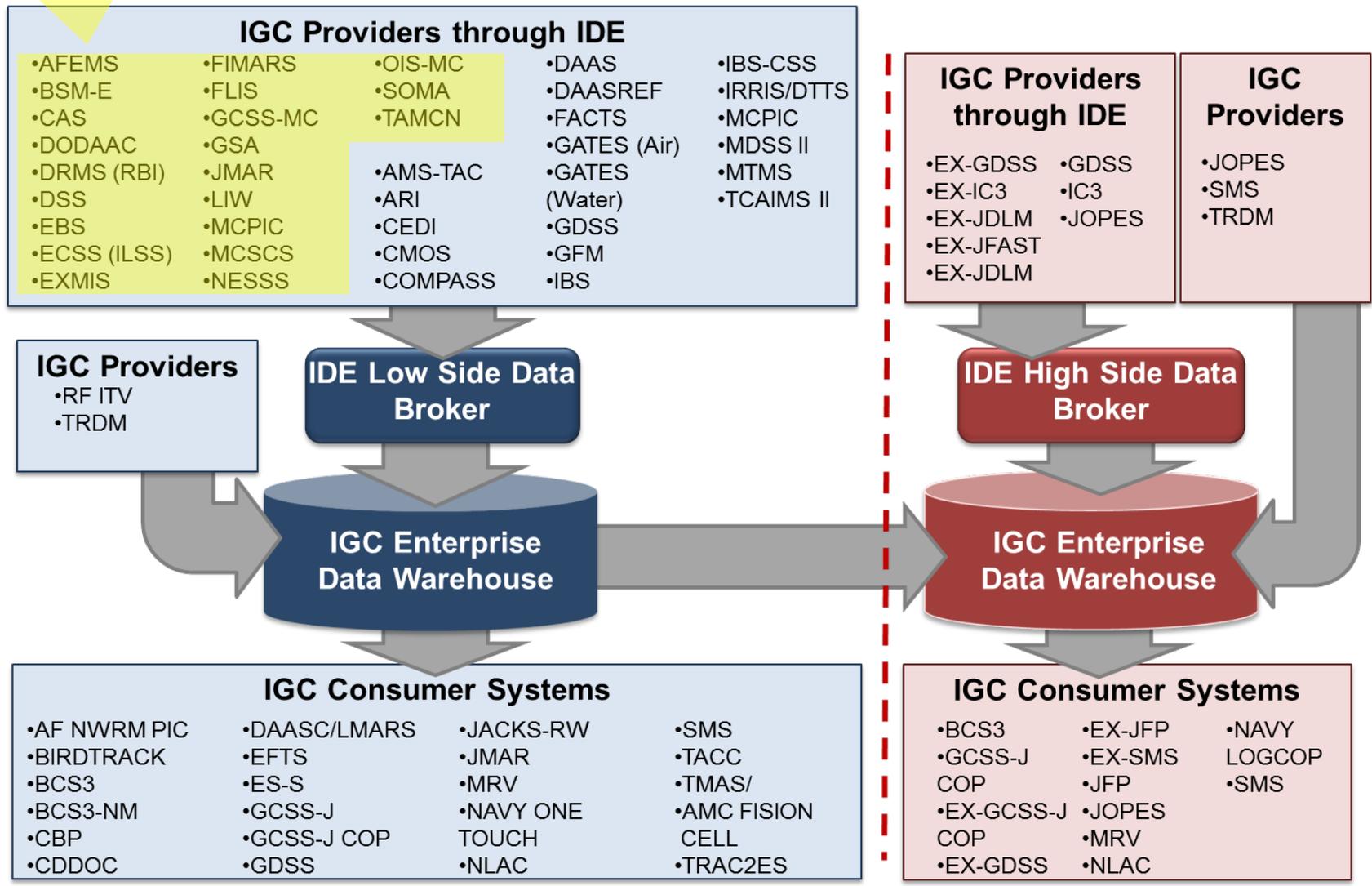
**An indicator of lateral support viability and success can be found in past experience of Army/Marine Corps using a direct interface and mutual support business rules:**

- **SSA at Camp Bastion, Afghanistan, from June 2010 - January 2011, processed 4,689 Marine Corps requisitions (filled 4,351, killed 212, and rejected 168 with Supply Status CA (with an additional 14 requisitions processed as bearer walk thru between June and November).  
(92.8% Fill)**
- **SSA at Bagram AFB, Afghanistan, from June 2010 - Aug 2010 and November 2010 - January 2011, processed 52 Marine Corps requisitions (filled 40, killed 11, and rejected 2 with Supply Status CA (with an additional 42 processed as bearer walk-thru between July and September).  
(87.2% Fill)**



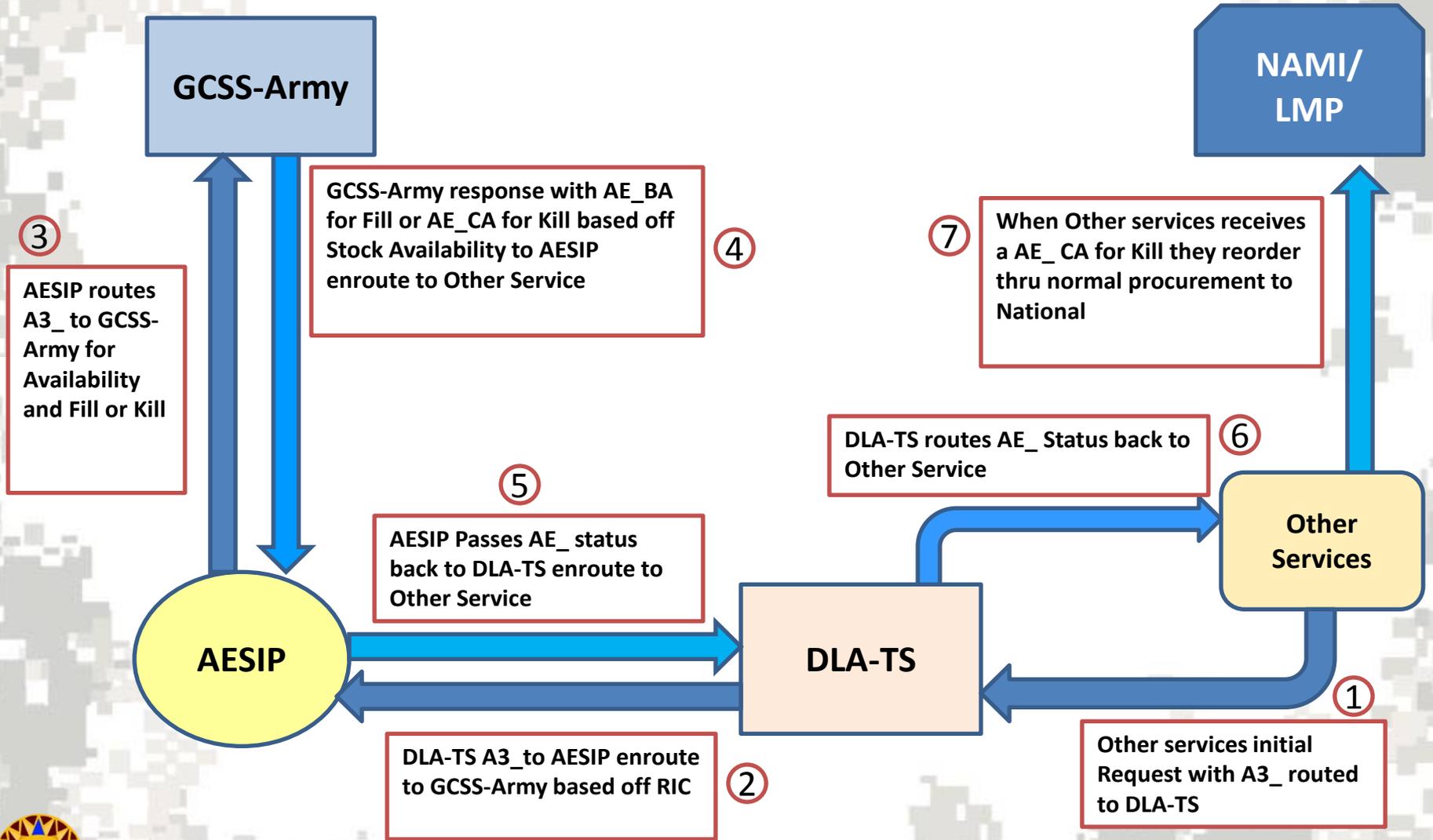
**Asset Visibility Data Feeds**

# IGC Data Feeds





# Army Support to Other Services/Agencies Procurement Flow





# *Admin*



- **Date / Time: Wednesdays, 1400 – 1500**
- **Location: J4 Conf Rm (2C913)**
  
- **Telecon Number: 888-390-3892**
- **Participant Code: 73468168**
  
- **DCO: <https://connectcol.dco.dod.mil/r98hwrfbj1n>**

# Baseline Operational Considerations



- Services “opt-in” to participation
  - “Realm of the possible”
  - Not a policy change
- The Requiring Service must establish a support agreement with the sister service supply source
- Requisition for common use (supporting 2+ Services) Repair Parts (CL IX)
- Wartime / Contingency Operations
- Tactical Level Requests
- Units will have access to Integrated Data Environment (IDE) / Global Transportation Network (GTN) Convergence (**IGC**) & Asset Visibility (AV)
- Requisitions must be high priority (indicated by Priority Designator) and required for mission readiness and at Combatant Commander direction
- Supply sources should provide a supply status code indicating a partial or complete fill or kill for the requisition
- Supply source should provide visibility on condition codes
- Requisitions should indicate a condition code threshold for item acceptance



# Planning Assumptions



- VISIBILITY:
  - Information on stock status and location across the Services will come from GCSS-J or Integrated Data Environment (IDE) / Global Transportation Network (GTN) Convergence (IGC)
- INITIAL METHOD OF PASSING REQUISITIONS:
  - The current CMRP effort assumes a MANUAL requisition process (automated processes will be considered at a much later stage)
- APPLICABILITY/ELIGIBILITY:
  - This effort includes all Services and fundamentally applies to "real world" mission requirements (e.g., a Non-Mission Capable CONUS based Air Force asset needing a common repair part to make the aircraft Fully Mission Capable to support operations abroad; an OCONUS Army combat asset requiring a common part; etc.)
  - Eligibility should be based on HOW an asset supports the mission; not necessarily WHERE the Non-Mission Capable (NMC) asset is located (i.e., CONUS or OCONUS) (Although in an OCONUS "theater of operations" is the most likely)
  - Requisitions should be HIGH PRIORITY and for NMC assets. This initiative IS NOT intended to expedite standard priority replenishment actions.
  - CMRP (currently) does not apply to "peacetime" CONUS operations (caveat: Aircraft supporting missions abroad are an exception)



# Planning Assumptions Con't



- INTENDED SOURCES OF SUPPLY:
  - CMRP considers inter-Service "Tactical" and "Operational" sources of supply (below wholesale/National level).
  - Source of Supply (SOS) selection should be fundamentally based on:
    - 1) Will the SOS be more responsive than the "normal" SOS (based on "Supply Point Distribution" OR Delivery via existing Local/Line Haul distribution systems)
    - 2) Does the selected (via GCSS-J or IGC) SOS have the needed part in the required condition?
    - 3) Stock held below "Supply Support Activity" level (e.g., "bench stock", Prescribed Load Lists (PLL)) is not considered part of the "SOS" pool.