



# RFID/AIT Working Group

## 19 November 2009

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- **WG Due Outs**
- **Initiatives/Actions (Current/New)**
- **Discussion**



## February 2008 Working Group “Due Outs”

- **Remote dial up connectivity for RF sites throughout EUCOM AOR – 35 interrogator sites use TSACS to transmit data due to IA restrictions from local military networks ( 8 of these sites are NAVEUR locations).**
  - Currently 20 sites ( 26 last WG April 09) remaining with remote dial up connectivity.
  - One NAVY site at Naples is converted.
  - USEUCOM assistance required to convert remaining 7 interrogators at NAVY locations in Italy, Spain and Greece.
  - Continue effort to converting all sites to network upload. **(ongoing)**
- **AFRICOM RFID Concept of Support Plan – SOCEUR J-4 mentioned in senior leader panel, the requirement for increased ITV network ISO OEF-TS.**
  - SETAF will be the future lead and will work with the AFRICOM Planners to identify RFID Requirements and Support for the continent.
  - LAB & PM J-AIT are members of the AFRICOM WG. **(closed)**



- **Premium Service Devices (PSD) Operational Test – USTC J-6 conducted PSD test on emerging RF tag technology using Cooperative Research and Development Agreements (CRADA) to reduce government cost and risk. They would like to use EUCOM to conduct operational test of this technology.**

USAREUR G-4 LAB will be still available to nominate candidate for test and coordinate potential test location/dates within EUCOM when USTC come to a decision.

**(closed)**

- **RF Tag ISO Conversion – Current standard for RF tag information (ANSI 256) limits DOD to 4.2 million total RF tags. Projected date to reach this amount is end of CY10. DOD will convert RF tags to ISO 1800-7 in CY 09 IOT increase the potential number of RF tags. Older SAVI tags (4xx series) are not convertible, so they must be replaced as newer interrogators come online. Newer tags (6xx series) are convertible.**

PM J-AIT will continue preparation for deployment of new ISO RF tags. PM J-AIT ICW USAREUR will determine number of RF tags in EUCOM that need replacement/conversion to ISO 1800-7. USAREUR will develop return procedure for conversion.

**(ongoing)**

- **During the WG a requirement was identified to install RF Interrogator at the port of Genova, Italy in support of high density DLA Relocatable Building (ROB) equipment shipments to Kandahar, Afghanistan.**
  - USAREUR is supporting request. With assistance from PM J-AIT RF Interrogator will be installed at requested site.
  - Site survey completed on 16 Sep 2009
  - Request for Frequency approval is submitted, **awaiting approval**
  - **Awaiting approval from Port Officials**
  - **Site installation completion within seven days after approval date**

**(Closed. Being worked as part of the USAREUR overall RFID implementation strategy.)**



# RFID Initiatives/Actions



# RFID Initiative/Actions (cont)

## • Regulations, Directives, Memorandums of Agreement (MOA) (Update)

- United States European Command Instruction (ECI) 4302.01, dated 1 February 2009, **Policy for Theater Asset Visibility**, supersedes ED 66-2 dated 6 March 2005. ECI dated
- Memorandum of Agreement (MOA) between PM J-AIT and Commander 598<sup>th</sup> Transportation Group, 04 August 2009. Co-location of Field Service Engineer support at the TG Headquarters in Rotterdam, NL
- Memorandum of Exchange (MOE) between Defense Supply Center Philadelphia – Europe (DSCP-E) and USAREUR G4, October 08. Use of AIT including RF-ITV System Infrastructure and STS to support DSCP-E missions within USEUCOM AOR
- AE 710-2, **Supply Policy Below National Level**, (former “Supply Policy Below Wholesale Level”) is currently under revision
- AR 700-XX, **Automatic Identification Technology**, tentatively to be AR 700-85 is currently under revision
- USAREUR Task Order 09-0556, **Container Intrusion Detection Device**, (CIDD) implementation, published August 09





# RFID Initiative/Actions (cont)

## • Return of Excess Radio Frequency Identification (RFID) Tags

- USAREUR Taskorder 08-0328 (EUCOM AOR ITV REQUIREMENTS), 14 April 09 and Office of the Under Secretary of Defense Memorandum, Subject: (U) Procedures for reuse and return of active Radio Frequency Identification Tags, 22 MAY 06
- All RF tags will be recycled/reused within EUCOM. Prior to procurement of RFID tags units must first contact DDDC/TCSP-(E) operations at DSN 314-378-5032/5230 for issue of recycled RF tags.
- The consolidation point for RFID tags is US DLA Depot Germersheim, DDDE/TCSP-(E). All units, commands, or agencies with excess RF tags are directed to return excess tags to DDDE/TCSP-(E).

### Commercial Address:

US Depot Germersheim, TCSP-(E)  
Attn: DDDE, Receiving Bldg 7976 F  
Vorwerk Friedrich Str.  
67360 Lingenfeld, DE  
Commercial Phone: 07274-96-  
5276/5086 (from CONUS 0049-  
7274-96-xxxx)  
DODAAC: SW3207

### Military APO Address:

Theater Consolidation and Shipping  
Point Europe, TCSP-(E)  
DODAAC: SW3207  
CMR 425 Box 708  
APO AE 09095-0700  
DSN 378-5276/5086  
(from CONUS 314-378-xxxx)



# OEF Container Security Enhancement

## • Container Intrusion Detection Device (CIDD)

- An active RFID transponder with intrusion and environmental sensors
- Designed to deter/detect pilferage of equipment in 20' and 40' containers
- Required by HQDA for all containers transiting to Afghanistan via Pakistan
- Enhances Force Protection by exact identification of attack sites
- PM-JAIT provided initial stock of 475 CIDDs; cost per tag \$155
- Future tags procured thru PM J-AIT contracts
- USAREUR Task Order 09-0556, CIDD implementation, published August 09



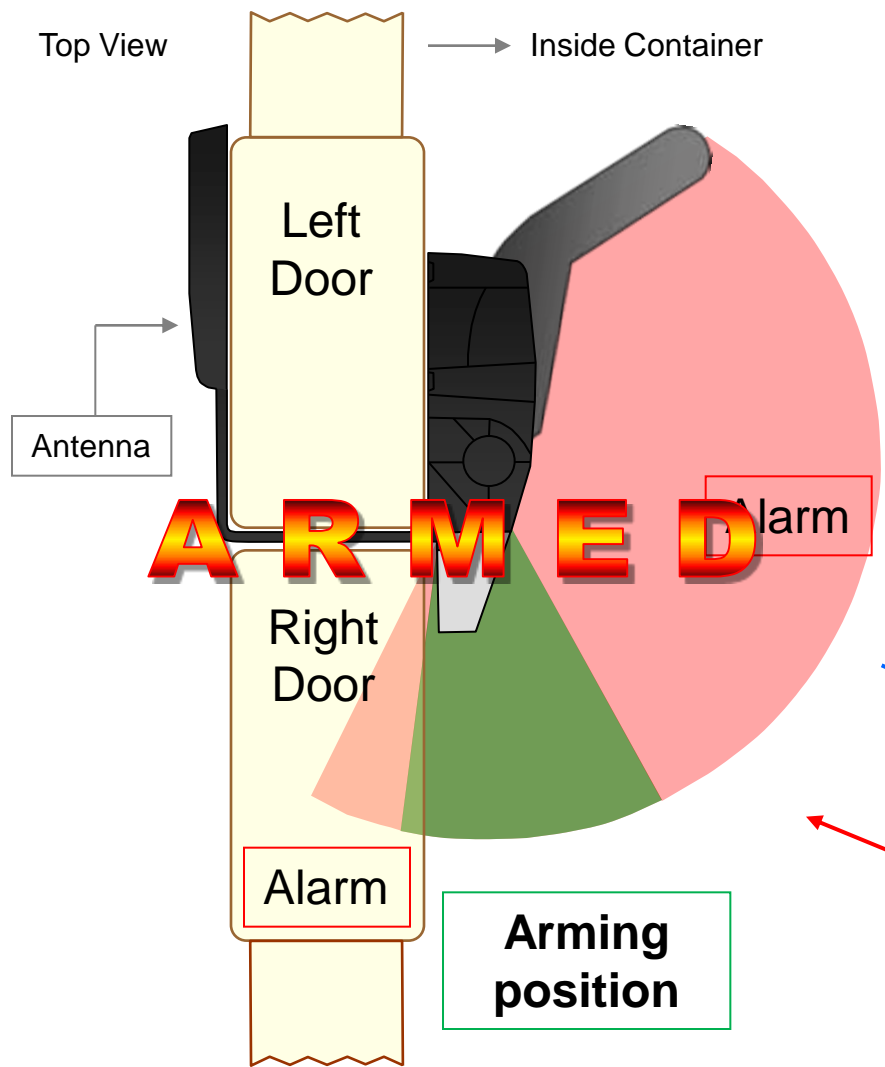
675I CIDD



675I CIDD mounted on container door



# OEF Container Security Enhancement



- Data written just like any RFID Tag
- Mounts on container left door
- Only exposed part is antenna
- Sensors include light, temp, humidity, shock, and door alarms
- Activated with Hand Held Interrogator





# OEF Container Security Enhancement

- CIDD implementation**

ISA Location	QTY	Date	Status
173 <sup>rd</sup> Grafenwoehr	86	September 2009	completed
41 <sup>st</sup> TC Grafenwöhr	19	September 2009	completed
173 <sup>rd</sup> Bamberg	93	September 2009	completed
173 <sup>rd</sup> Schweinfurt	25	September 2009	completed
12 <sup>th</sup> CM Schweinfurt	1	September 2009	completed
12 <sup>th</sup> CAB Katterbach	46	October 2009	completed
95 <sup>th</sup> MP Mannheim	5	November 2009	scheduled
2 <sup>nd</sup> SCR Vilseck	250	April 2010	scheduled
<b>Total:</b>	525		



# RFID/AIT Initiative/Actions (cont)

## • **Logistics Satellite Tracking Devices in USAREUR**

### • **Movement Tracking System – Plus (MTS+)**

- The only Army approved system for military vehicles
- Must be used in Precise Positioning Service (PPS) mode – Chairman Joint Chief of Staff Instruction - CJCSI 6130.01D – 13 April 2007
- Approximately 800 systems currently operating in USAREUR
- Host Nation Approval (HNA) obtained for Germany, Belgium, Luxembourg, Hungary\*, Norway\*, Spain\*, Turkey\*, UK\* and Italy. Other EU countries HNA requested
- Permanent on-site Field Service Representative available at Tobyhanna Field Repair Activity\*
- Cargo association will be visible by March 10 throughout Radio Frequency In-Transit Visibility (RF-ITV) Server and the Battle Command Sustainment and Support System (BCS3)\*

\* New since last WG



# RFID/AIT Initiative/Actions (cont)

## ● **Logistics Satellite Tracking Devices in USAREUR**

### • **VISTAR**

- VISTAR: GPS-based tracking device that provides ITV & position reports. (RF-ITV Tracking Portal, BCS3)
- Used for Intra-theater asset visibility. Priority of use: (1) Category 1 Arms Ammunition & Explosives; (2) Classified equipment (3) deployment/redeployment cargo, and other (i.e. special/high visibility cargo)
- United States European Command Instruction (ECI) 4302.01, directing all commercial movements carrying classified & high priority cargo contain a satellite tracking device
- 102 devices on hand at 21st TSC
- 50 devices are owned by DLA (20 DSCPE / 30 DDDE)

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