Successful DoD RFID Implementations

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Navy RFID Update

NAVAL SUPPLY SYSTEMS COMMAND

- **Navy has taken the first major steps in the RFID journey**
  - **Navy AIT Vision & Implementation Plan**
  - **Active RFID supporting COCOMs**
  - **Bangor RFID Evaluation (BRE) success ashore**

- **Successful Ashore and Afloat pRFID Solutions**
  - **BRE integrates SAP and pRFID ashore**
  - **Standard receiving process afloat…Hospital Ships first**
  - **Bulk packaging/tagging of Retrograde items to DLA**

- **Plan for the Future**
  - **Expand BRE and export to East Coast Sub sites**
  - **Implement pRFID throughout the retrograde pipeline**
  - **Implement pRFID at other warehouse sites and ships**

Navy…an early adopter of pRFID in the supply chain

Defense Logistics Agency RFID Implementation
Improving Business Processes with RFID

Active RFID

- **Active tags on all OCONUS containerized and palletized shipments**

Passive RFID

○ **Supply Chain Implementation**
- **Goal: To demonstrate supply chain benefits from passive RFID**
  - **Partnered with USTRANSCOM, Air Mobility Command, U.S. Air Force, U.S. Army**
  - **From locations in CA and DOD customers in AK**
  - **IOC April 30th FOC July 31st**

○ **Distribution Processes implementations**
- **Receiving of vendor tagged shipments – improved receiving**
- **MRO level tagging (2/08) - facilitates customer receiving**

○ **Assessing other areas DLA – for example:**
- **Reutilization**
- **Inventory management**
- **Shelf life, when linked with UID**
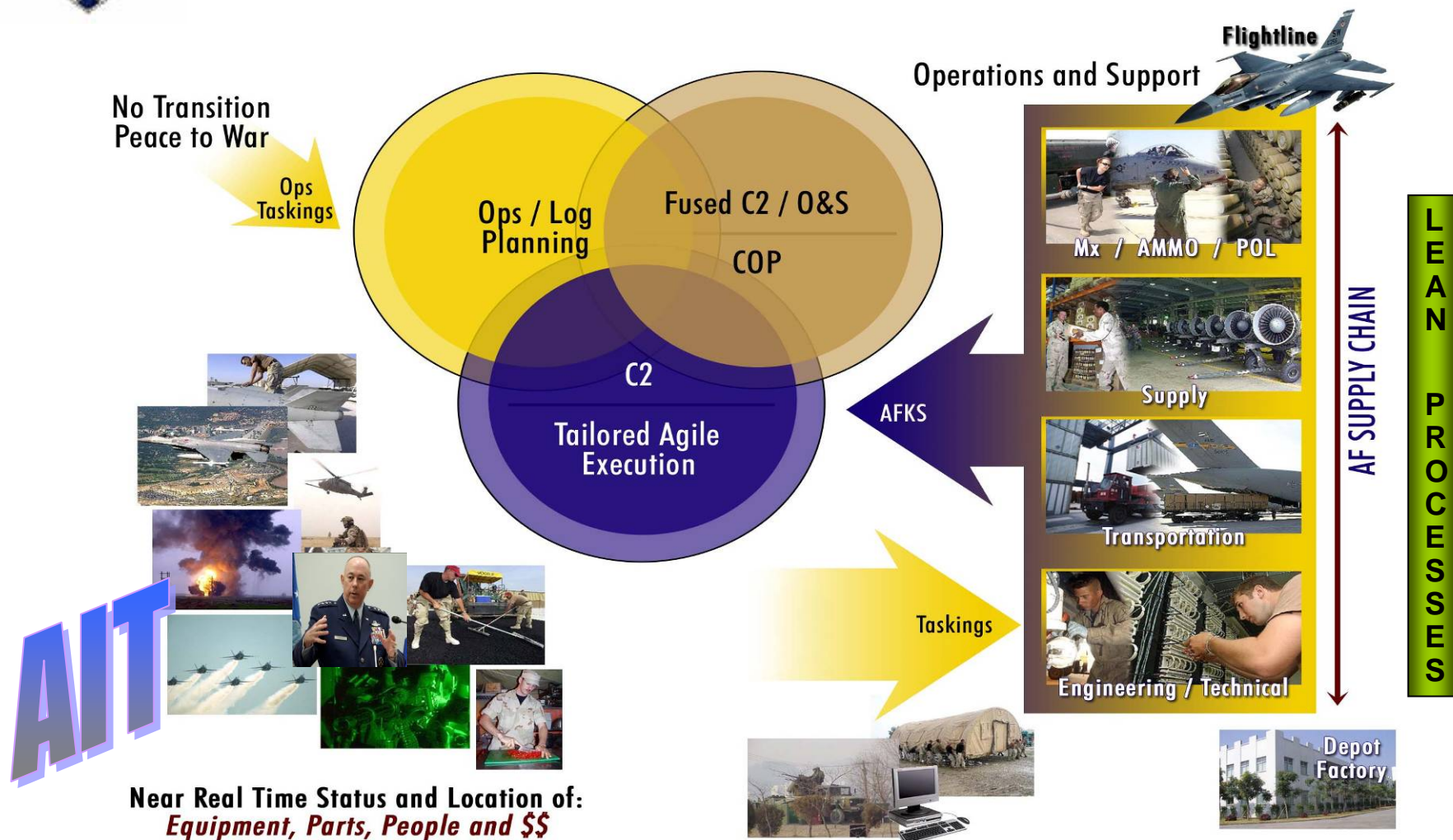
RFID in Army Logistics

- U.S. Army operates the largest **_active RFID_** system in the world
  - 2700 read and write sites
  - 19,000 tag writes and 134,000 tag reads each week
  - Shares location data with 33 systems and utilities
  - Over 1.4 million tags purchased
  - 90% of all DoD international air/sea shipments are tagged

- Improved **_In Transit Visibility_** for the Department of Defense, Australia, Canada, United Kingdom, and other NATO partners

- Bridged some of the gaps in the supply chain; but RFID is **_not the transaction of record_**

Sustaining a Campaign Quality Army

AF Future Logistics Concept

No Transition Peace to War

Ops Taskings

Ops / Log Planning

Fused C2 / O&S

COP

C2

Tailored Agile Execution

AFKS

Flightline

Operations and Support

Mx / AMMO / POL

Supply

Transportation

Engineering / Technical

AF SUPPLY CHAIN

LEAN PROCESSES

AIT

Taskings

Depot Factory

Near Real Time Status and Location of:
Equipment, Parts, People and $$

Synchronized to Match AEF Battle Rhythm

RFID in Marine Corps Logistics

- **Active RFID Accomplishments to date**:
- 77 Fixed Interrogator nodes installed USMC-wide
- Information systems enabled to burn tags
- RFID peripherals (readers/tags/interrogators/docking stations) delivered Marine- Corps wide

- **Active RFID On-going Efforts:**
- Continue tagging our Maritime Preposition Ships over the next three years
- Incorporating RFID training into Individual Training Standards
- Incorporating RFID requirements into our contracts for OCONUS shipments

- **Passive RFID On-going Efforts:**
- Project #1: Testing pRFID technology into our freight (TMO) in-check process with DLA
- Project #2: Integrating pRFID technology into our distribution process for last-tactical mile in-transit visibility

Too much emphasis on technology; Need to focus on business process!

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