



Defense Property Accountability System  
**DPAS**



Presented by  
**Scott Milewski**

## DPAS Warehouse Overview

 OUSD (AT&L) Acquisition Resources and Analysis (ARA)  
Property and Equipment Policy  
KNOWLEDGE. CONFIDENCE. TRUST.

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**DPAS** Introductions

**Presenter**  
Scott Milewski, *Training and Support*

**Q&A**  
Melanie Griffith, *Training and Support*  
Terry Hatcher, *Training and Support*

**Ground Rules**

- **Submit questions** through the question pod – we will discuss them throughout the session
- **Turn your volume Up** and let the presentation team know if you have trouble hearing the presentation (through the question pod)
- You can maximize the presentation pod (**toggle Full Screen**)
- Download the presentation from the **File Sharing pod**

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**DPAS** Agenda



- Introduction
- Warehouse Structure
- Equipment
- Catalog
- Key Functions
  - Receiving
  - Sets, Kits and Outfits
  - Individual Issue
  - Individual Return
  - Unit Issue
  - Unit Return
- Additional Functions
  - Materiel Release Order
  - Pick
  - Warehouse Transfer
  - Inventory
  - Disposition
  - WH to M&U Integration
  - AIT
  - Reports and Inquiries

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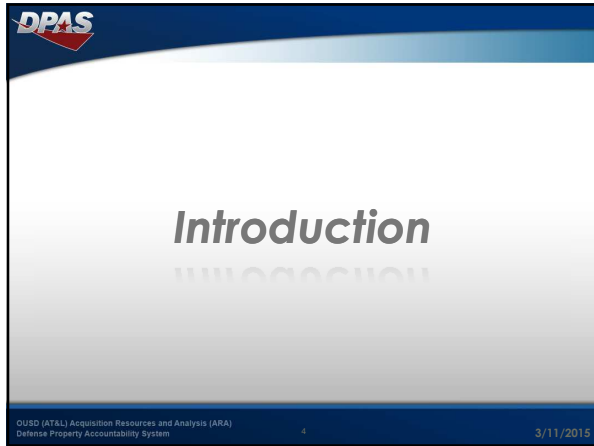
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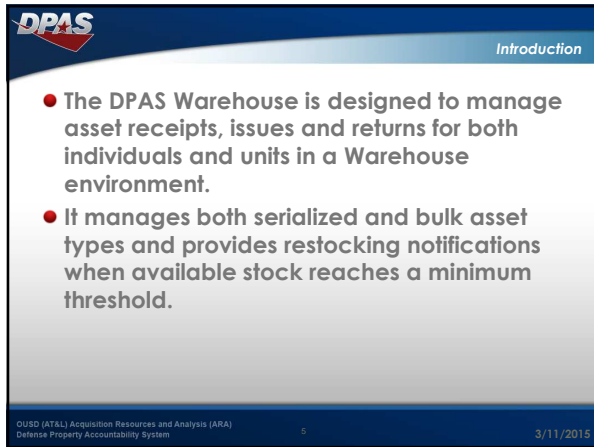
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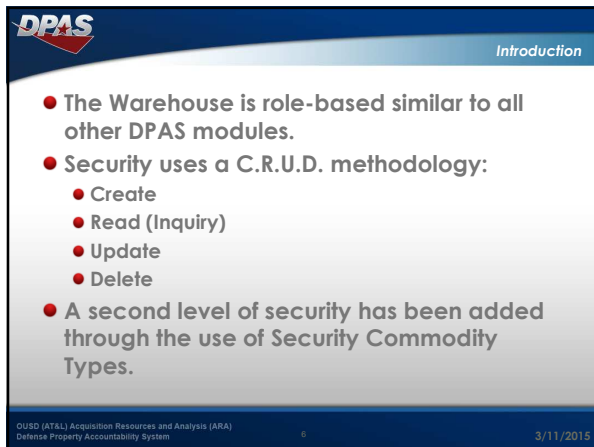
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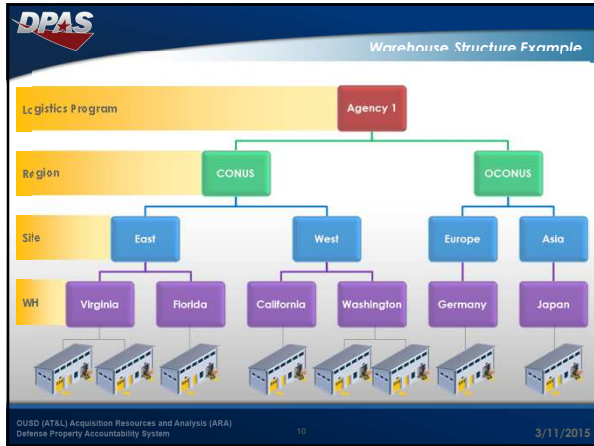
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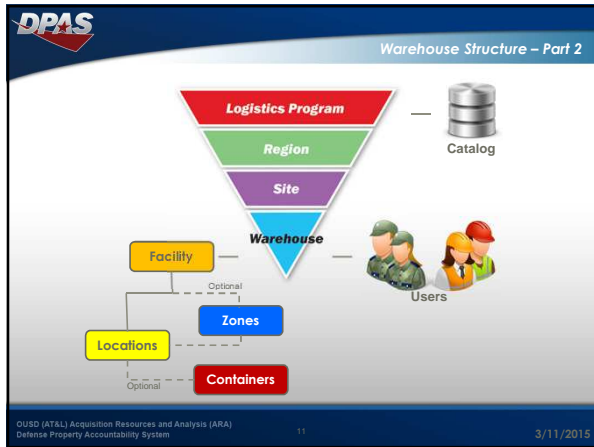
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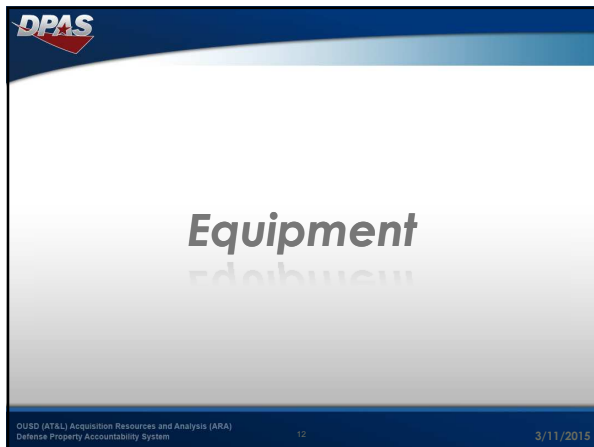
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**DPAS** Equipment

- Equipment is managed at the Warehouse level.
- The Warehouse can manage:
  - Bulk equipment (e.g., helmets)
  - Serially managed equipment (e.g., vehicles)
- The Warehouse Management module supports Shelf Life Management.

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**DPAS**

# Catalog

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**DPAS** Catalog

- The Warehousing Catalog is associated at the Logistics Program level.
- Stock Numbers can be created based on:
  - NSN – National Stock Number
  - MCN – Management Control Number
  - Part Number

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**DPAS** Catalog

- Once a stock number has been created, it needs to be configured for stockage using the Stock Item process.
- Line Item Number (LIN)/Table of Authorized Materiel Control Numbers (TAMCN) play a key role in managing equipment.
  - The LIN/TAMCN can be thought of as a Group Id.
  - Like stock numbers are grouped under one LIN/TAMCN.

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**DPAS**

## Key Functions

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**DPAS** Receiving

- For a successful receipt, the following processes must be completed first:
  - Size Category (if applicable)
  - LIN/TAMCN
  - Commodity Type
  - Stock Number
  - Stock Item
- With the precedent processes complete, the receipt can establish either bulk or serial equipment.



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**DPAS** Receiving

- A Receipt may flow through a series of steps:
  - Pending
  - Received
  - Verified
  - Accepted
  - Discrepant
  - Canceled
- This process also establishes the Inventory Control Number (ICN) for the equipment.
- ICN and Container labels as well as a DD Form 1348-1A can be printed directly from the process.

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**DPAS** Sets, Kits and Outfits

- Set, Kits and Outfits (SKOs) are used when several pieces of equipment are issued as a single item.
- SKOs can have their elements verified when issued and returned.
- The SKO process is divided into two parts:
  - SKO Catalog
  - Set Kit Outfit
    - Assemble
    - Serial Update
    - Bulk Update



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**DPAS** Individual Issue

- Designed to issue equipment for an individual's personal use.
- There are approximately 16 preceding steps prior to Individual Issues including:
  - Commodity Type
  - Receiving of Equipment
  - Master Issue List
  - UIC
  - Member Profile

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**DPAS** Individual Issue

- An individual is issued equipment based on:
  - Unit Identification Code (UIC) they are assigned
  - Commodity Type
- Master Issue Lists can be used to standardize the equipment issued.
- Member's may have their own website they can access to view their outstanding equipment.



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**DPAS** Individual Return

- This process reconciles the equipment they are supposed to have with the equipment they currently possess.
- Inventory levels within the Warehouse will be adjusted accordingly to the items returned.



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**DPAS** Unit Issue

- The Unit Issue process is used for issuance of equipment to a Unit.
- A UIC Custodian will act as the responsible person for the equipment.
- Unit Issue has many steps that have to be completed prior to equipment being issued to a member:
  - Commodity Type
  - Receiving of Equipment
  - Master Issue List
  - UIC
  - Member Profile
  - UIC Custodian

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**DPAS** Unit Issue

- Once the Unit Issue is requested, it must go to the Plan Request, which is where the quantities are established.
- Once the quantity is requested it needs to be Approved.
- Upon Approval it is Picked using the Materiel Movement process, Staged and then Issued.

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**DPAS** Unit Return

- This process allows for the following returns to the unit:
  - Issued Items
  - Items that do not exactly match the specific Stock Numbers that were originally issued
  - Receipt of items that have not been issued by the Warehouse (as long as the Stock Numbers are managed within the Catalog)

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**DPAS**

## Additional Functions

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**DPAS** Materiel Release Order (MRO)

- An MRO is a form of issue where the item will not be returned.
- Two options for creation:
  - External Item Manager
  - Manual
- May include Collateral Item(s).
- The process has the ability to use:
  - Transportation Management
  - Quality Control
  - Maintenance and Utilization



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**DPAS** Materiel Movement/Pick

- The Pick procedure is used to identify what should be moved and where it is moved to.
- The Pick procedure is embedded in other processes such as:
  - Unit Issue
  - Set Kit Outfit
  - Warehouse Transfer
- The Pick procedure is divided into two processes:
  - Materiel Movement - Plan
  - Materiel Movement - Pick

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**DPAS** Warehouse Transfer

- The Warehouse Transfer process allows one Warehouse to request equipment from another Warehouse within the same Logistics Program to complete a replenishment request.

**Warehouse Replenishment/Transfer Flow**

```

            graph TD
              subgraph Gaining_Side [Gaining Side]
                R1[Replenishment Request (Request)]
                R2[Replenishment Service (Approval)]
              end
              subgraph Losing_Side [Losing Side]
                W1[Warehouse Transfer (Approval)]
                M1[Material Movement Plan]
                M2[Material Movement Pick]
                W2[Warehouse Transfer (Ship)]
              end
              subgraph Gaining_Side_2 [Gaining Side]
                R3[Receiving (Deliv)]
              end
              R1 --> R2
              R2 --> W1
              W1 --> M1
              M1 --> M2
              M2 --> W2
              W2 --> R3
          
```

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**DPAS** Inventory Update

- Allows you to update equipment information including locations and quantities.
- This provides an easy way to update the location of equipment if the Pick process was not used.



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**DPAS** Physical Inventory

- The DPAS Warehouse Management module can perform three types of inventories:
  - Inventory Segment
  - Location
  - Stock Number
- Can perform Manual and AIT-based inventories
- Inventory Reconciliation is completed within the Warehouse Management module.



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**DPAS** Disposition

- Disposition is the means by which equipment is removed from service/Warehouse inventory.
- There are three disposal methods:
  - Local Disposals
  - Excess
  - Warehouse Transfer
- Each disposal may go through a series of steps depending on the disposal method.

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# Warehouse and M&U Integration

Warehouse and M&U Integration

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**DPAS** Integration

- By using Quality Control processes equipment can be sent to the DPAS M&U module where Work Orders are created automatically.
- QC processes are available from:
  - Receiving
  - Pick
  - Set Kits and Outfits
  - Materiel Release Order



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**DPAS** Module Overview

## DPAS Modules

- Property Accountability
  - Accountable and Non-Accountable Durable Assets
- Maintenance and Utilization (M&U)
  - Tracking of Work Orders and Dispatch
- Warehouse Management
  - Consumable and Durable Equipment

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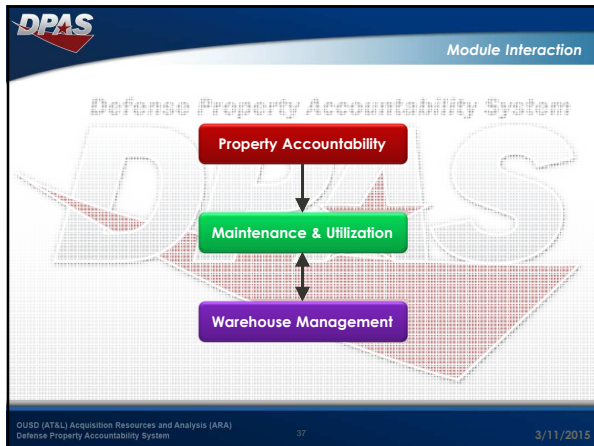
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- DPAS** M&U Module
- The M&U module can:
- Create standard Work Plans and Work Plan Details.
  - Associate Work Plans to Stock Numbers.
  - Automatically create Work Orders for items sent from the Warehouse.
  - Arrange for equipment movement in the Warehouse from inside the M&U module.

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## Automatic Identification Technology (AIT)

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**DPAS** Automatic Identification Technology

- The Pick process has the ability to use Portable Data Collection Devices (PDCDs)/Scanners for planned and unplanned moves.
- Other processes include:
  - Receipts
  - Issues and Returns
  - Inventory
  - Quality Control
  - Transfers and Shipments



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**DPAS** Automatic Identification Technology

- Tethered barcode scanners are used to scan Member's Common Access Cards (CACs) and various barcodes generated by the Warehouse system.



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**DPAS** Automatic Identification Technology

- The Warehouse supports printing five different barcode labels:
  - Stock Number
  - Location Id
  - Container Id
  - Inventory Control Number (ICN)
  - Shelf Life Extension
- In two sizes:
  - 3" x 2"
  - 4" x 6"



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**DPAS** Additional Equipment

- External USB Card Reader
- External USB Numeric Keypad
- Electronic Signature Pad



- Used for Individual and Unit Issue and Return electronic signatures.

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## Reports and Inquiries

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**DPAS** Reports and Inquiries

- The Warehouse Management module allows for a limited number of predefined Reports.
- These Reports are configured to result in a specific data set defined by the Report's parameters.
- The majority of the inquiries in the Warehouse Management module are conducted from within the processes themselves.



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# Conclusion

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**DPAS**

## Benefits

- DoD Owned
- Web-enabled, no plug-ins required
- Hosting provided by the Program
- Application Security managed by the Program
- PKI-enabled
- Web-based training and Live/Recorded Webinars
- 24x7 Call Center Support and Context Sensitive Help
- Information Assurance (IA) Accredited with ATO in place
- Compliance with DoDI 5000.64 "Accountability and Management of DoD-Owned Equipment and Other Accountable Property"
- 100% compliant with SSAE 16 Standards



47

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## Conclusion

- The DPAS Warehouse Management module is designed to provide a comprehensive solution to your storage and distribution needs.
- From this single module, the lifecycle of equipment can be administered for small bulk-managed items to large serially-managed equipment.



```
graph TD; A[Receipt] --> B[Issue]; B --> C[Return]; C --> D[Disposal];
```

48

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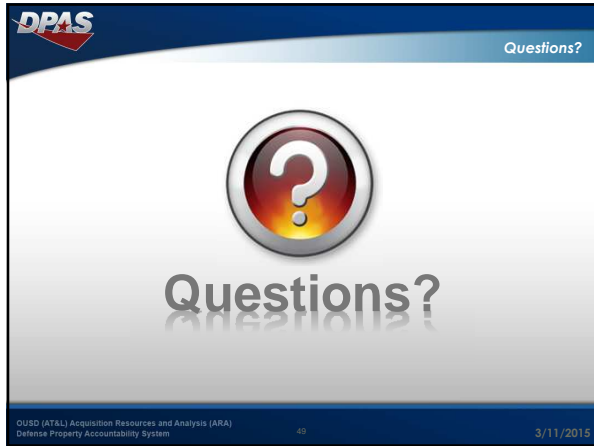
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