

Presented by  
Melanie Griffith and Duane Gore

# DPAS Overview



OUSD (AT&L) Acquisition Resources and Analysis (ARA)  
Property and Equipment Policy

KNOWLEDGE. CONFIDENCE. TRUST.

# Overview

- DPAS Organization
- Technical Environment
- DPAS Functionality and Benefits
- Security
- Training & Customer Support
- DPAS Business Partners
- DPAS Inventory Capabilities
- Summary





# DPAS Organization

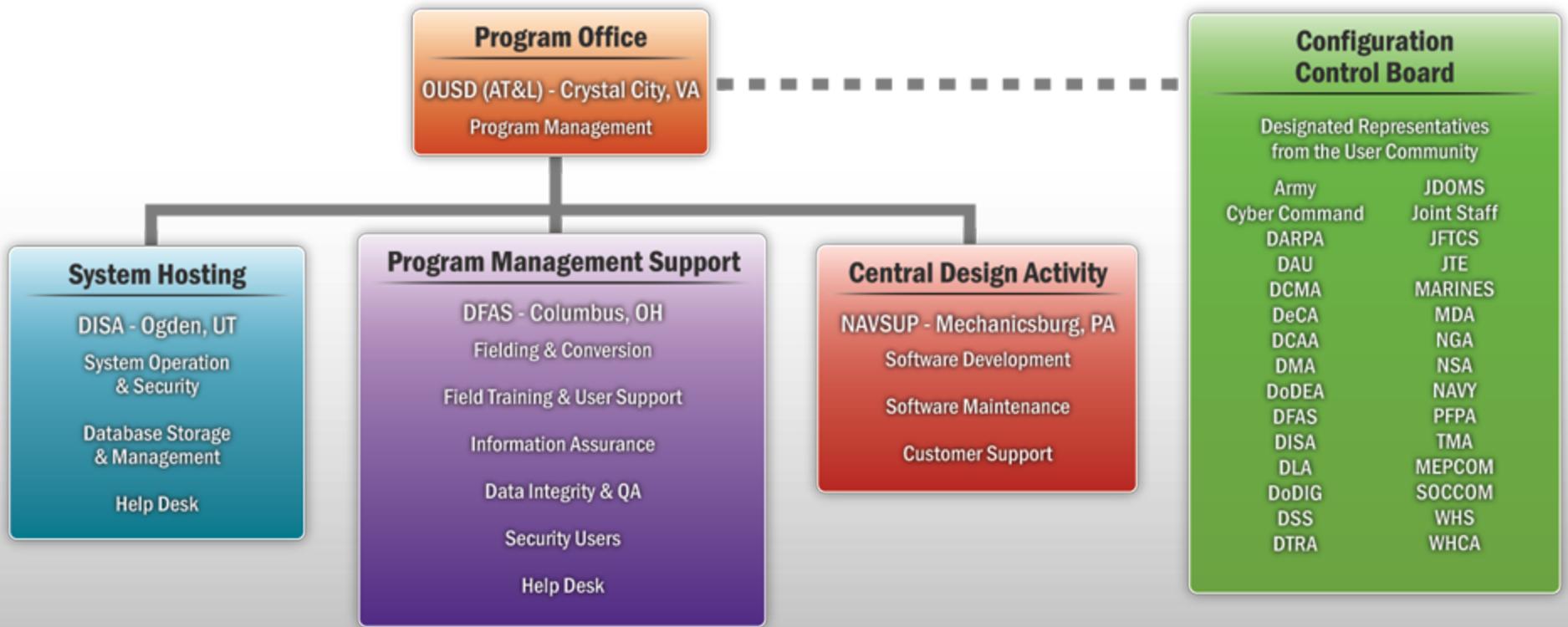
## About Us

- The Defense Property Accountability System (DPAS) offices are located in Columbus, Ohio at Defense Supply Center Columbus (DSCC)
- The DPAS software application is serving the logistical needs of three major military branches and a significant portion of the Department of Defense. Currently, over 2 million assets, in excess of 672 billion dollars, are being managed by DPAS
- This program is administered by the Under Secretary of Defense for Acquisition, Technology and Logistics, a branch of the Office of the Secretary of Defense.



<http://dpasupport.golearnportal.org>

# DPAS Organization



# DPAS Asset Management System

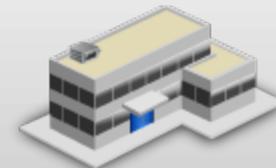
- Provides accountability for...

- General Property, Plant & Equipment (Personal Property)
- Military Equipment (ME)
- Government Furnished Equipment (GFE)
- Real Property / Stewardship Land
- Heritage Assets



- Provides asset management capabilities

- Life Cycle Management (Add, Updates, Transfers, Dispositions)
- Authorized Allowances
- Maintenance and Utilization documentation
- Warranty assignment
- Reports/Inquires and Statistics
- Inventory Management using the latest AIT technology and 2D Data Matrix labels



# DPAS Asset Management System

- An approved Accountable Property System of Record



- Provides property financial reporting information
  - Can be used as stand alone system or interfaced w/accounting systems
  - Maintains Acquisition Cost & Accumulated Depreciation based on asset type
- Provides Supply Room Management capabilities
  - Manages Orders, Stockage, Inventory, Issues, Customers
  - Maximizes use of Vendor/Manufacturer Bar Code labels
  - Provides product replenishment recommendations based on usage and other factors.



# DPAS Technical Environment

# Technical Environment

- Operating Environment
  - Microsoft Windows 2008 Server
  - Microsoft Internet Information Services
  - Microsoft SQL Server 2008 Database Management System
- Local Software
  - Microsoft Operating System
  - Microsoft Internet Explorer Web Browser
  - Microsoft Active Sync (Scanners)
  - Windows Mobile Device Center (Scanners) (Vista and Windows 7)
  - Microsoft Excel
  - Adobe Acrobat Viewer



# Technical Environment

- Scanners and Barcode printers
  - Scanners:
    - Intermec 741 (700C)
    - Intermec CN3G/CN3eG
    - Intermec 751G
    - Intermec CK61
  - Scanner Operating Systems
    - CE.NET
    - PPC 2003
    - Mobile 5.0
    - Mobile 6
  - Printers:
    - Intermec EasyCoder® 3400
    - Intermec EasyCoder® PM4i
    - Intermec PD42G
    - Zebra S4M
    - Zebra Z4M
    - Zebra R110Xi
    - Zebra RZ400
- For additional information, visit: <http://dpasupport.golearnportal.org>





# DPAS Functionality

# DPAS Functionality

## System features:

- Assets Managed by Catalog
- Mfr Model / Part Nbr Information Maintained
- Links assets with warranty, service and/or subscription information
- Associates assets with maintenance and utilization conditions
- Addresses specialized military project categories, types and requirements
- Automated forms
- Document Attachment capability
- Construction in Progress Management and Tracking
- Mass Change Capabilities
- UII Management
- PKE Access with User Roles and features that limit user update/inquiry to the level required
- Historical record of activity
- On-line help / Web-based Training



Automated Forms



Document Attachment



Financial Interfaces

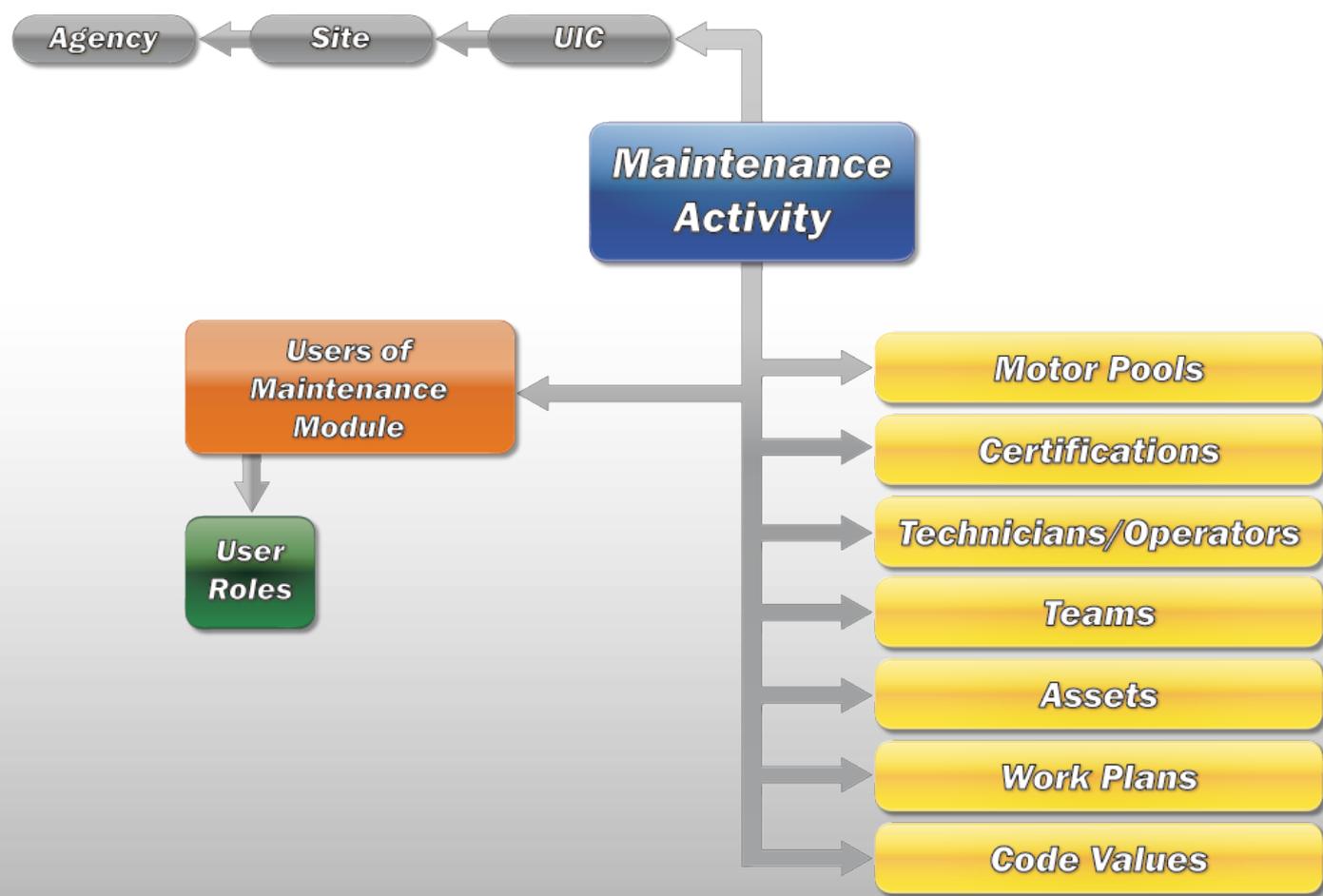


Historical Records

## DPAS Maintenance & Utilization Functionality (Future)

- Build the Maintenance Activity (MA)
- Create Team, Tech-Operator, and Cert-License for the MA
- Create Work Plans for the MA
- Profile the Assets to be Maintained
- Schedule Preventative Maintenance
- Manage Work Orders via M&U Dashboard
- Manage Motor Pool Usage via M&U dashboard
- Create Inquiries, Reports and Statistics

# Maintenance and Utilization Flow



# DPAS Benefits

- Accounting, Accountability and Asset Management capability
- Total asset visibility and redistribution capabilities
- Supports Accountable, Non-Accountable and Military Property Tracking
- Compliance with DoDI 5000.64 “Accountability and Management of DoD-Owned Equipment and Other Accountable Property”
- High Degree of Integration with DoD Business Partners
- Agency Level Management Reports
- Excellent global customer support





# DPAS Security

# DPAS Security

- Users are:
  - Assigned a User Type (Security, Administrative, Agency Coordinator, Standard, etc.)
  - Assigned to one or more Roles
  - Assigned to Agency/Site/Accountable UIC/UIC/Custodian
  - Within each Site have defined data access permissions
    - Update – Site, Accountable UIC, UIC, Custodian
    - Inquiry – Agency, Site, Accountable UIC, UIC, Custodian
    - Reports - Agency, Site, Accountable UIC, UIC, Custodian





# DPAS Training & Support

## Web-Based Training

- Learning Management System (LMS) role based training in support of the DPAS application:
  - Courses customized to meet the requirements of each DPAS role
  - URL: <http://dpaselearning.golearnportal.org>
- Interface with DPAS application for training certification:
  - Upon successful completion of training, the DPAS application is updated giving the user access to the application
- Webinars:
  - DPAS hosts information workshops that users can sign-up and attend
- Context Sensitive Online Help:
  - Help is designed to step users through a particular process



# DPAS Help Desk / Call Center

## Responsive:

- 90% of calls answered within 3 rings
- 80% issues resolved within 1 hour
- Using DFAS state-of-art software (Remedy)

## Service expectations:

- Operating hours: 6:00AM to 6:00PM
- Knowledgeable agents: former DPAS implementers, trainers, programmers
- During operating hours: calls usually answered immediately
  - 866-498-8687; DSN: 869-0888; COMM: 614-693-0888
- After hours: calls roll to duty person's cell phone



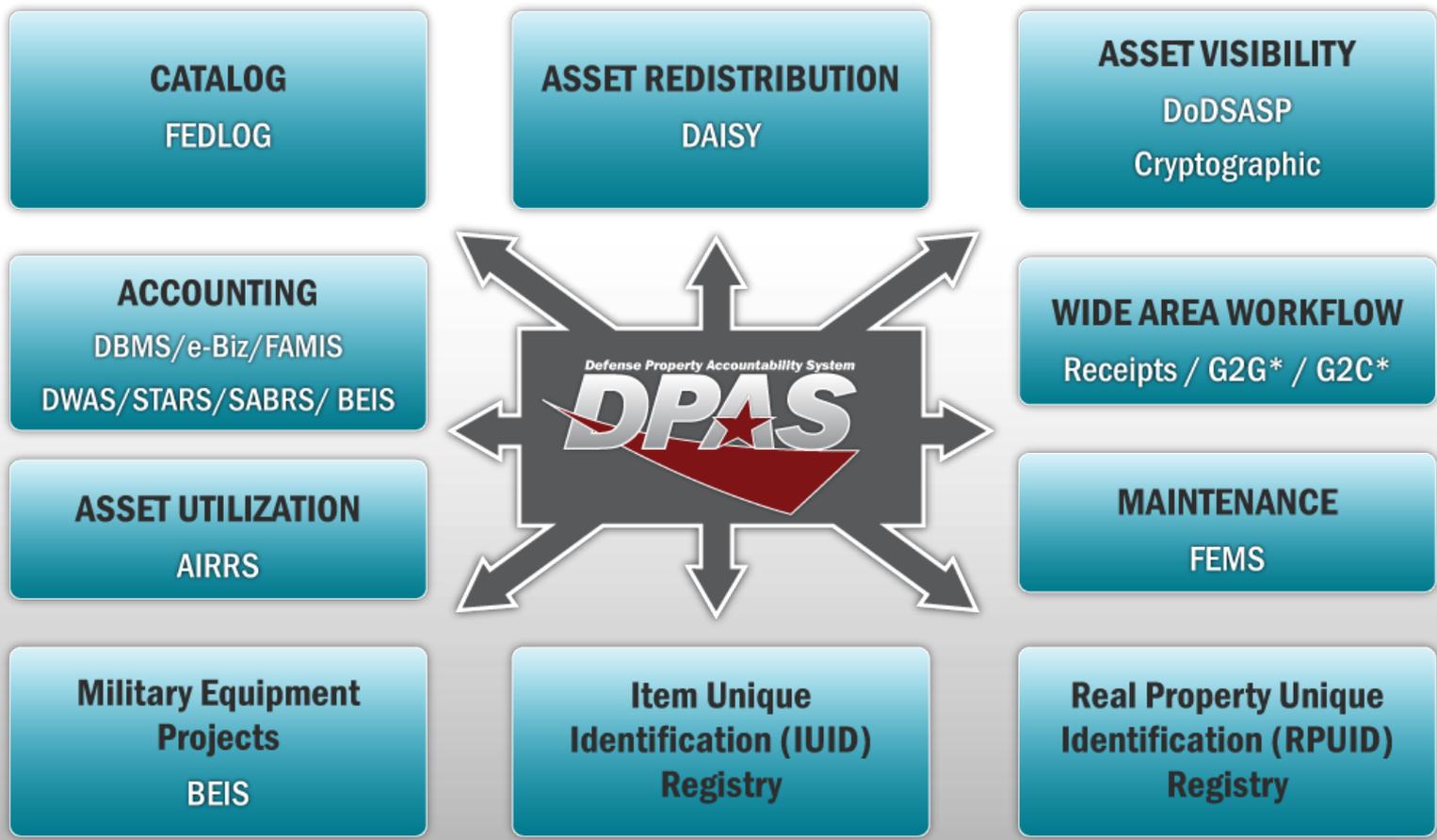
# DPAS Conversion Process





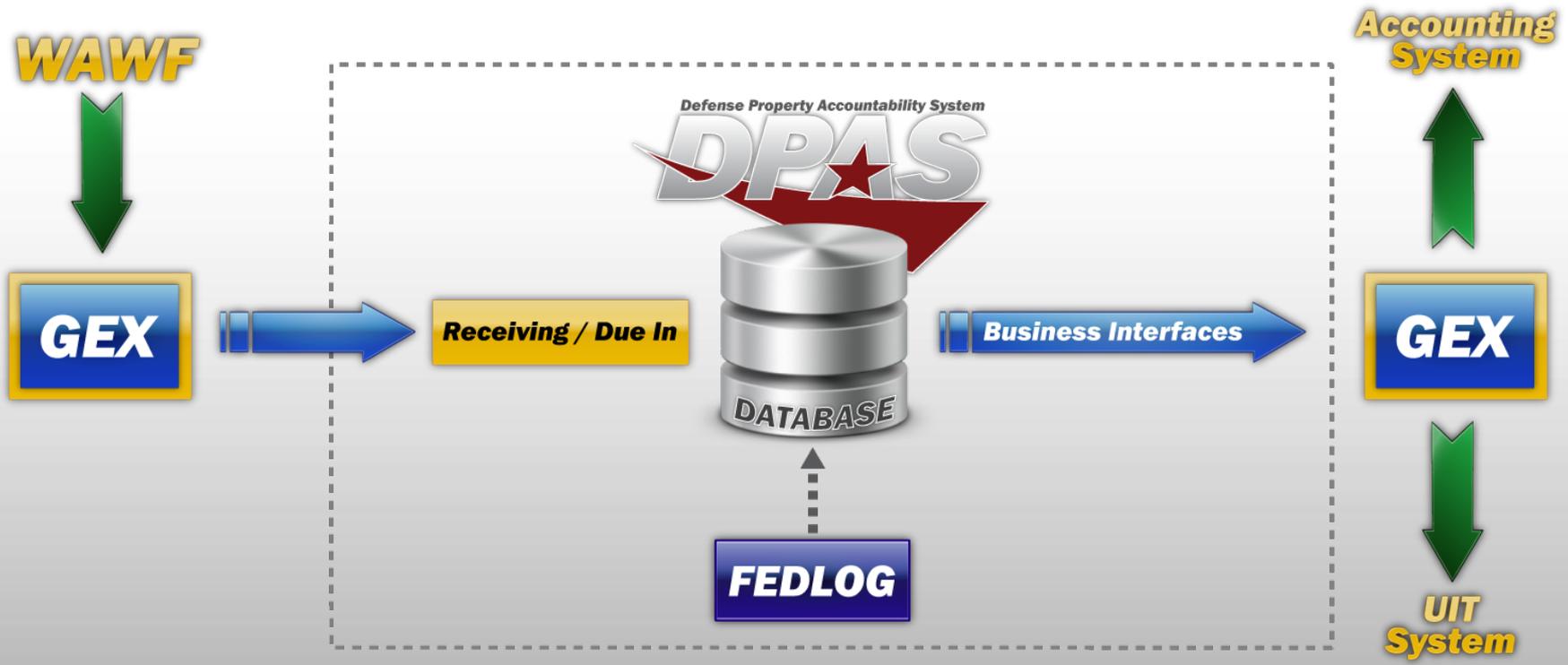
# DPAS Business Partners

# External Business Partners



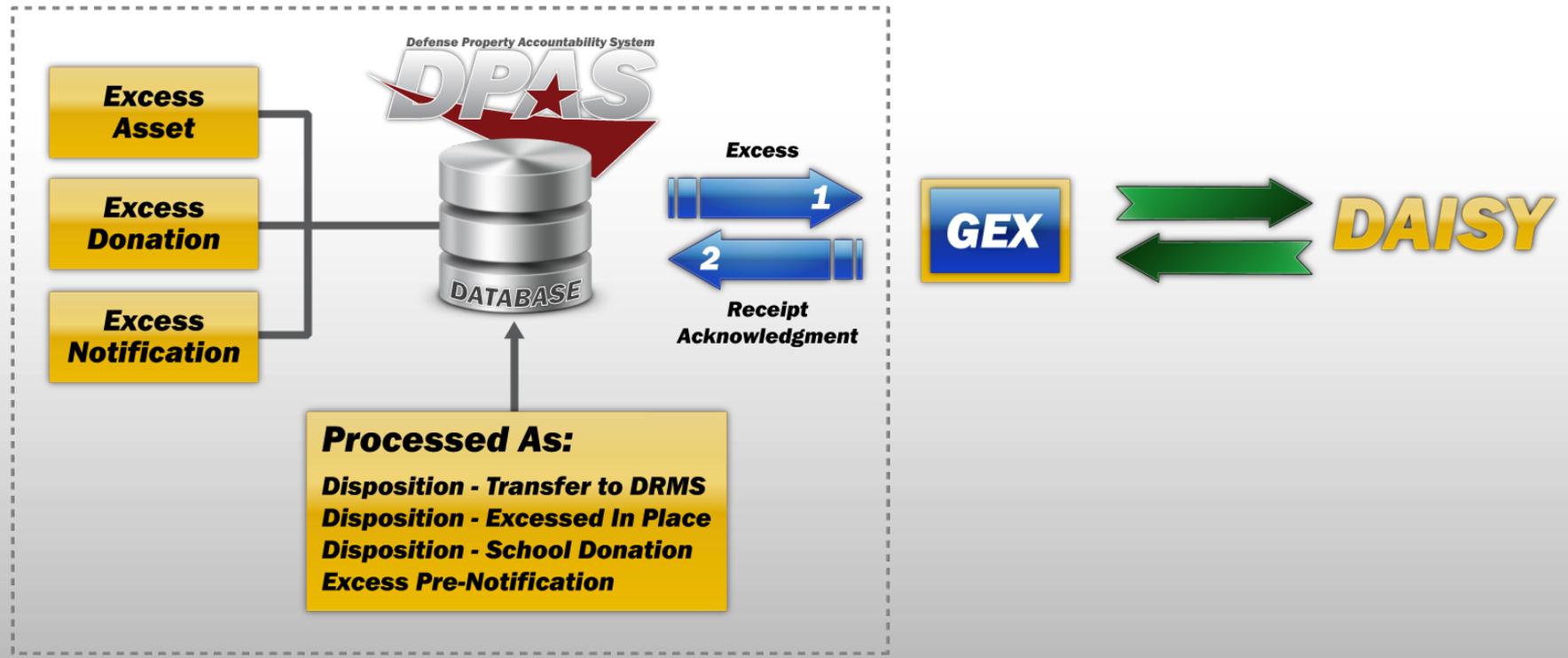
# DPAS System Processes

## **ASSET RECEIVING**



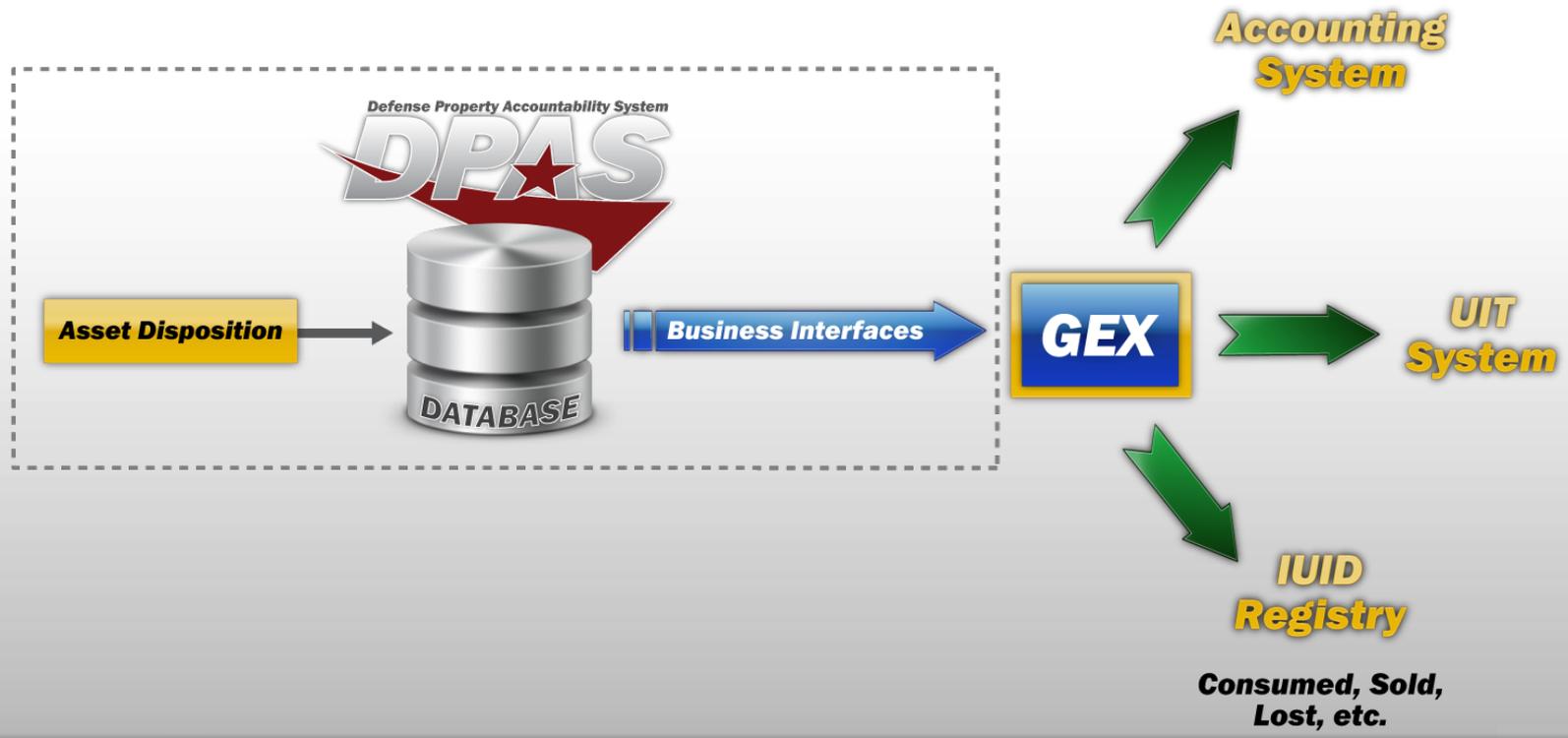
# DPAS System Processes

## EXCESS PROCESS



# DPAS System Processes

## **DISPOSITION**





# DPAS Inventory

# DPAS Inventory Capabilities

- Multiple types of Inventories – Custodian, Sensitive, Location, Cyclic, Custom
- Inventory By
  - 3 of 9 Bar Code
  - Ull 2-D Data Matrix
  - Passive RFID Tag
  - Serial Number Verify (e.g. Weapons)
  - Paper Inventory Listing (Manual Update)
- Automated Reconciliation Report
- Statistics Provided



# Scanner Download Inventories

DYNAMIC PAGE - HIGHEST POSSIBLE CLASSIFICATION IS: TOP SECRET//COMINT//X1

DPAS Download to PDCD

User Id: CON0124 Site Id: FUNC-2 Actbl UIC: RAINBO UIC: C0L0RS Contact Us Home Help LogOut

My DPAS > Catalog > Asset Management > Inventory > AIT > Master Data > Forms-Reports > Accounting > Inquiries > Statistics >

Instructions

Search Criteria  
Previously Downloaded Inventories

**Search Results**

Select	Inv Nbr	Inv Type Cd	Cust Nbr	Inc Sub Cust	Loc	Inc Non-Actbl	Inc Plfrbl	Inv Desc
<input type="checkbox"/>	08179C0L0RS0001	CUS	RED /R01	No		No	No	
<input type="checkbox"/>	08225C0L0RS0012	CBL		No	BLDG 500	No	No	
<input type="checkbox"/>	08225C0L0RS0045	CBC	BLUE	Yes		No	No	
<input type="checkbox"/>	08225C0L0RS0046	CBC	GREEN	Yes		No	No	
<input type="checkbox"/>	08225C0L0RS0048	CBC	PBOBIG	Yes		No	No	
<input type="checkbox"/>	08225C0L0RS0049	CBC	RED	Yes		No	No	
<input type="checkbox"/>	08226C0L0RS0001	CBC	BLACK	Yes		No	No	
<input type="checkbox"/>	08226C0L0RS0002	CBC	BLUE	Yes		No	No	
<input type="checkbox"/>	08226C0L0RS0005	CBC	PBOBIG	Yes		No	No	
<input type="checkbox"/>	08226C0L0RS0006	CBC	RED	Yes		No	No	
<input type="checkbox"/>	08226C0L0RS0007	CBC	SILVER	Yes		No	No	
<input type="checkbox"/>	08234RAINBO0001	CUS	JIMBO	No		No	No	
<input type="checkbox"/>	08235C0L0RS0001	CUS	BLACK	Yes		No	No	

Date: 10/1/2008 Time: 19:37 Accessibility :: Security

DYNAMIC PAGE - HIGHEST POSSIBLE CLASSIFICATION IS: TOP SECRET//COMINT//X1  
Derived From: NSA/CSSM 123-2 Dated 24 Feb 1998 Declassify On: X1

# Automated Inventory Scanning

**DPAS** Defense Property Accountability System

- Action Items
- Inventory
- Relocate
- Associate UII
- Labels
- Statistics
- About
- Exit

Select Inventory 3:41

Inv Nbr	Status	Inv Typ
08227COLORS0001	Active	CUS
08227COLORS0002	Not Started	CUS

Inv Properties 3:26

Inv Nbr: 08228COLORS0002  
 Inv Type Cd: CUS  
 Actbl UIC: RAINBO  
 UIC: COLORS  
 Custodian Nbr: DEMO2 -  
 Include Sub Cust: No

Continue Cancel

Conduct Inventory 3:42

RFID Strength: [Slider]  
 Scan Mode: RFID  
 View: Imager/Scanner  
 Asset Id: [Field] Enter

Asset Id	Desc	Ser Nbr	Qty	Cond
LARGEOFF MONIT 3		0	A	
ONMETAL MONIT 1		0	A	
RFIDGARM MONIT 6		0	A	
SMALLOFF MONIT 2		0	A	

Conduct Inventory 3:28

Scan Mode: Imager/Scanner  
 View: Remaining - All  
 Asset Id: [Field]

Asset Id	Desc
BULK00000349	CHAIR ROTARY W/ARMS
CPU01	COMPUTER FULL TOWER
CPU02	COMPUTER FULL TOWER
CPU03	COMPUTER FULL TOWER
CPU04	COMPUTER FULL TOWER
CPU05	COMPUTER FULL TOWER
CPU06	COMPUTER FULL TOWER



# Scanner Upload

DYNAMIC PAGE - HIGHEST POSSIBLE CLASSIFICATION IS: TOP SECRET//COMINT//X1

DPAS Upload From PCD

User Id: CON0124 Site Id: FUNC-2 Actbl UIC: RAINBO UIC: COLORS Contact Us Home Help LogOut

My DPAS > Catalog > Asset Management > Inventory > AIT > Master Data > Forms-Reports > Accounting > Inquiries > Statistics >

☐ Instructions

**Select Items for Upload**

Upload Action Items	<input checked="" type="checkbox"/>	Action Items Ready For Upload: 2
Upload Asset Relocations	<input type="checkbox"/>	Asset Relocations Ready For Upload: 0
Upload Label Requests	<input checked="" type="checkbox"/>	Label Requests Ready For Upload: 1
Upload Inventories	<input checked="" type="checkbox"/>	

**Select Inventories to Upload**

Select	Inv Nbr	Inv Type Cd	Cust Nbr	Inc Sub Cust	Loc	Inc Non-Actbl	Inc Pflfrbl	Inv Desc
<input checked="" type="checkbox"/>	08246C0L0RS0001	CUS	DEMO1	Yes		No	No	
<input checked="" type="checkbox"/>	08275C0L0RS0001	LOC		No	BLDG 409 MIC	No	No	

**Recon Report Options**

Sort Seq:

Optional Sections:

Invs Not Ready for Upload: 0

Date: 10/1/2008 Time: 19:42 Accessibility :: Security

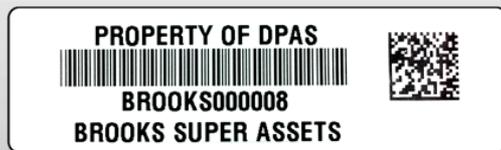
DYNAMIC PAGE - HIGHEST POSSIBLE CLASSIFICATION IS: TOP SECRET//COMINT//X1  
Derived From: NSA/CSSM 123-2 Dated 24 Feb 1998 Declassify On: X1

# Asset & Location Label Printing

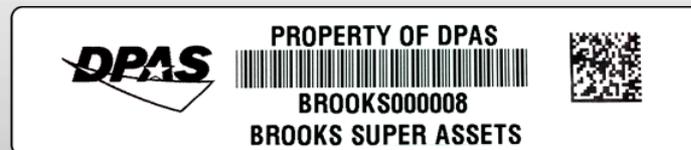
- Labels Printed Directly From DPAS
- Support for Intermec and Zebra Printers
- 7 Different Label Sizes

User defined text values and graphics

Location Label has embedded indicator to auto update Location while conducting the inventory



Sample 3 x 1 label  
3of9 and Ull Mark



Sample 4 x 1 label  
3of9, Ull Mark and Logo



# Inventory Status Report

**DEFENSE PROPERTY ACCOUNTABILITY SYSTEM  
INVENTORY STATISTICS AS OF SEPTEMBER 01, 2008  
AGENCY SUMMARY - NAVY**

Site Id	----- Assets To Be Inventoried Yearly -----						----- Assets To Be Inventoried Triennially -----					
	Qty Inv	Total Qty	Pct By Qty Inv	Dollar Value Inv	Total Dollar Value	Pct By Dollar Value Inv	Qty Inv	Total Qty	Pct By Qty Inv	Dollar Value Inv	Total Dollar Value	Pct By Dollar Value Inv
NC-SEA	51	668	7.63%	\$1,209,230	\$27,731,239	4.38%	34	11216	0.30%	\$188,079	\$550,443,214	0.03%
NF-FAC	1	102	0.98%	\$8,082	\$684,744	1.22%	83	2784	3.00%	\$1,002,189	\$79,651,532	1.26%
NF-FACW	21	180	11.67%	\$290,748	\$339,649	85.60%	363	5229	6.94%	\$16,480,001	\$144,709,848	11.30%
NH-CNO	202	1959	10.31%	\$1,013,614	\$3,976,316	25.49%	3217	50777	6.34%	\$10,777,067	\$187,157,368	5.76%
NH-SSPO	45	475	9.47%	\$8,866	\$992,182	0.87%	1	5425	0.02%	\$9,300,000	\$2,877,391,272	0.32%
NI-CNI	121	842	14.37%	\$1,302,464	\$5,772,786	22.56%	5522	33902	16.29%	\$35,647,579	\$818,399,438	4.36%
NI-ONI	5	20	25.00%	\$83,080	\$308,080	26.97%	258	1771	14.57%	\$9,542,201	\$27,542,303	34.65%
NK-SNWSC	231	322	71.74%	\$344,795	\$436,109	79.06%	88	7978	1.10%	\$61,714	\$27,934,041	0.22%
NL-CCAF	113	1481	7.63%	\$1,003,385	\$34,153,225	2.94%	22078	58595	37.66%	\$418,862,261	\$1,454,463,542	28.80%
NP-CCPF	41	291	14.09%	\$1,157,128	\$10,791,529	10.72%	519	14957	3.47%	\$14,970,593	\$850,770,178	1.76%
NR-ONR	0	0	0.00%	\$0	\$0	0.00%	0	45	0.00%	\$0	\$2,052,651	0.00%
NT-MPTE	190	1074	17.69%	\$7,120,907	\$39,844,722	17.87%	0	44273	0.00%	\$0	\$2,889,160,178	0.00%
NU-AAUSN	1	66	1.52%	\$278,962	\$741,460	37.62%	59	3878	1.52%	\$1,124,175	\$15,596,097	7.21%
NV-CRES	1	10	10.00%	\$5,150	\$88,426	5.82%	46	12076	0.38%	\$378,789	\$47,018,236	0.81%

09/18/2008 11:27  
For Official Use Only

1 of 2

# Passive RFID Technology

- Utilizes The Gen 2 915 MHz Passive RFID “pRFID” Tag
  - DPAS Encodes The RFID Tag As Label Is Printed
- Hardware Required
  - Intermec 741 (700C), 751G, CN3G or CN3eG scanner
  - Intermec IP4/IP30 pRFID Reader
  - Zebra R110xi or RZ400 pRFID Equipped Label Printer
  - 4"x1" or 2"x1-1/4" Label Stock With Gen 2 915 MHz Tags
- Benefits:
  - Reduces Fatigue while conducting Inventories
  - Less Workplace Disruption
  - Faster Reads
  - Improved Accuracy



# Other Scanner Capabilities

- Asset Relocation
- Action Item Capture
- Label Print Request
- Supply Room Receipts / Issues / Inventory
- UII Capture / Associate



**DPAS** Defense Property Accountability System

- Action Items
- Inventory
- Relocate
- Associate UII
- Labels
- Statistics
- About
- Exit

**Associate UII** 1:34

Input Asset Id

Asset Id: 12345

\* User Id:

\* Asset Id:

Asset Id	UII
3365	123456789ESN
12345	DMH8031267544324

**Exit**

**UII Details** 1:35

Asset Id: 12345

Field Name	Field Value
UII	MH8031267544324
Company Prefix	MH803
Part Number	888
Serial Number	123

**Delete** **Exit**



# DPAS Summary



## DPAS Summary

- Is an asset management system designed to support all DoD property requirements and requirements related to property e.g. Financial reporting of capital assets
- Is designed to track/manage assets from acquisition through disposition
- Meets property requirements of the BEA
- Has Business Partner Relationships to support integration across the enterprise
- Is a Web-Based application with full PKE implementation
- Is DoD owned and managed
- Is designed and supported by property professionals
- Has an Authority To Operate "ATO" valid through February 7, 2014