DPAS
Tech Refresh

February 27, 2020

- The March and June Release will include funded and prioritized SCRs. After the June Release, the focus will be the Tech Refresh.

  - Modifications to the current DPAS baseline will be limited to bug fixes and mandatory updates after the June release

  - Tech Refresh is currently in the planning phase

- With the support of DASD Logistics, the DPAS PMO requested and received additional funding to begin in FY21 and out years for:

  - Tech Refresh
    - Transition to a Cloud environment
    - Reconfigure Software

  - Additional contractor support – trainers, help desk, software developers

- Goal:
  - Complete the Tech Refresh within two years

Tech Refresh

- Create a Asset database structure that will allow all assets available in all modules of DPAS
  - Assets and their history will have real-time details that can be transferred within the modules

- Replace the widget that controls the grids (spreadsheet look) on the screens to give users more functionality, such as sorting and filtering.

- Ensure accounting/financial data elements are shared between the modules to eliminate the need for continual updating of this data as an asset is moved through its lifecycle.

- Implement the Progressive Web Applications standards for designated processes. This will allow those processes, such as Inventory, Receipt, Issue and Utilization Reporting, to be used offline or in a disconnected environment.

Tech Refresh

- Modify Maintenance and Utilization (M&U) to work with inventory assets in the same manner as it does with the property assets.

  - Preventive maintenance schedule

- Modify M&U so that it can be used for assets not in other DPAS modules

  - Assets do not need to be in DPAS PA or WH

  - Work Orders AUD, Inspections, and Personnel (licenses and certifications) will be available

- Modify the security structure of the system to permit more flexibility for the user. This structure is to permit the user to have as many tiers as they wish.

  - Information Owners will have the flexibility to create new users and assign roles

- Create new reports and data dashboards

Tech Refresh

- Analyze all existing SCRs and incorporate as many as possible in the refreshed DPAS.

- Known at this time:
  - SCR 01309: Roles Administrator – allow the users to modify access to data and roles
  - SCR 01424: DPAS Account Status – providing the IO inquiries to monitor status of user accounts
  - SCR 00444 - Inquiries Wildcard - search with a wildcard in a specific position and get only the records that match the specified criteria
  - SCR 00469 - Transfer Within Same Customer Nbr (Components) - Add the functionality to be able to transfer a component to another end item or disconnect from an end item
  - SCR 01116 – Custodian access to full inventory module for 1024 role – new security model permits Navy to setup their UIC/Custodians differently so this becomes possible simply with the new setup

- Examples of items completed by implementing new screen standards
  - SCR 00585 – Update Inquiries Total Cost Field – be able to search by between
  - SCR 00444 - Inquiries Wildcard – searching for starts with or ends with
  - Adding fields to inquiries – SCRs too numerous to list ☺

To Summarize:

DPAS PMO Goal with Tech Refresh

– Position DPAS to migrate to a Cloud Environment

– Modernize Software Development Language/Tools

– More Efficient User Experience

- Share data between activities such as Property and Maintenance
- Upload data where possible
- Increased sorting and search capabilities

– Incorporate System Change Requests

– Remain compliant with the various Policy that governs Property, Inventory and Financial Reporting

- Provide the Department the best Accountability system

– Meet the users requirements ☺