Electronic Procurement System Overview

**ePS Solution**

**Why:**
- SPs Sunset Memorandum 12JAN17: No New SPs Contracts After 30SEP20
- Replace the existing Navy CWS with one End to End (E2E) solution
- Interoperability (Data Standards)
- Cybersecurity (RMF)
- Auditability
- End-to-End (E2E) solution
- Replace the existing Navy CWS with one
- SPS Sunset Memorandum 12JAN17: No New SPS Contracts After 30SEP20

**What:**
- Provide robust functional capabilities to support the E2E Procure-to-Pay (P2P) process
- Capture data at the source (i.e., no redundant data entry via touch labor)
- Data-centric, role-based, flexible COTS solution that supports cost-effective changes
- Provide business intelligence for accurate, timely, and visible reporting
- Support 100% of the DON contracting actions in a fully auditable and traceable environment including Grant Writing

**Who:**
- Members of the Contracting Workforce
- Resource Sponsors/Navy Leadership
- DON Financial System Owners
- Other Federal, DoD, and DON System Partners

**Go-Live Timeline**

1. **Initiate Procurement:** How are we going to get it?
   - Create Solicitation
   - Receive Proposals
   - Technical Proposal Evaluation
   - Cost/Price Analysis
   - Source Selection Documentation

2. **Receive/Create Purchase Request Package:** What do we need?
   - Requirement Documentation
   - Market Research

3. **Award Procurement Instrument:** Who are we going to get it from?
   - Generate Contract
   - Contract Award
   - Award Notification
   - Maintain Official Electronic Contract File

4. **Administer Procurement Instrument:** What happens post award?
   - Track Contractor Performance
   - Issue Modification
   - Enterprise Business Intelligence / Data Management
   - Issue Modification
   - Track Contractor Performance
   - Issue Modification
   - Enterprise Business Intelligence / Data Management
   - Connection to Invoicing and Reporting Systems

5. **Perform Instrument Closeout:** When do we perform closeout?
   - Maintain Official Electronic Contract File
   - Contract Award
   - Generate Contract
   - Archive Documents

**Technology Evolution**

- Current technologies will allow for an improved electronic and data-centric DON procurement capability, with shared cross-functional data and cloud hosting
- ePS will address existing CWS challenges including outdated architectures, limited capabilities, scalability concerns, and multiple legacy systems
- ePS = COTS CWS + COTS ESB
  - Gap Closure
    - Current COTS CWS can perform over 80% of required capabilities
    - Enterprise Service Bus (ESB) is the middleware layer to exchange data with external systems of record
  - Gap Closure to fulfill any product capability not available in COTS
- Modern hardware and software with more user-friendly interfaces providing:
  - Increased input/output speeds
  - Increased data storage and speeds
  - Faster accessibility
  - Improved usability
- Cloud hosting enables dynamic services, storage resources, centralized security, and servers, providing easily implementable, scalable, and secure solutions to variable applications