



PROCURE-TO-PAY

TRAINING SYMPOSIUM 2019

Orlando

Standard Procurement System (SPS) Update

Presented by: Jackie Bostic, SPS PM
DLA - J62C/SPS-JPMO

SPS - Symposium Agenda

- Current Release Update
- Upcoming Release Changes
 - SR17b Content
 - SR17c Proposed Content
- Other SPS Product Updates
- Current Supported User Products
- SPS At-A-Glance
- Sunset Support
- JPMO Email Contacts

Current Release Update

- SPS Service Release Status
 - SR16: Currently – 36% (Last Year: 91% (and 3% on SR15))
 - **SR17a: Currently – 64%** (Last Year: 6%)
 - SR17a – Patch – 11/2017
 - Latest deployed version
- SR17b – Testing Schedule: **5/20/2019 – 7/12/2019**
- SR17c – Contract Award – NLT 4th Qtr FY2019
- **SR16 De-Support – 12/31/2019** (end of Q1 FY20)

Upcoming Release Changes

- SR17b Content
 - Technology Upgrades
 - Powerbuilder 2017 (impacts SPS Application, ASF Server, FPDS Engine & GDEA Utility, Help Desk script-aids)
 - Windows 10 Certification (SPS Application & FPDS-NG)
 - webMethods 10.1 (supports Java 8)
 - Sybase ASE 16.0 SP03 PL04 (Replaces SAP Control Center with “ASE Cockpit”)
 - Requires Adobe Flex (previously Flash) browser plug-in
 - Sybase Central officially de-supported; however, CACI will continue to support customers who wish to run it through Java 7 updates
 - Functional Changes
 - Audit Logging - Provides support for RMF audit logging requirements; changes to the SPS Data Layer (Sybase ASE server) to provide support for ECAR-2 (Audit Record Content – Sensitive Systems) to provide a log of audit records
 - Focus on system ‘access’ related audit logging - user ID generating the event, date and time of the event, type of event
 - Add Text (Part 2) – Will allow newly generated documents to have properly encoded Add Text that can be decoded by the SPS-PDS Extract Utility; allows for more complete PDS XML documents
 - Capability to ensure that new editable Add Text items that exist in docx format will be saved in rtf format when edited
 - SAM IE Validations Fix - IE version attribute in the header request sent to SAM will pass the SAM IE version validation
 - Allows continued vendor syncing
 - SBA Vendor Category Fix - Updates the SAM XML response schema to properly capture all the SBA Business Types to populate the Vendor Categories in SPS
 - SHA-256 Support - Support CAC Cards utilizing SHA-256

Upcoming Release Changes (cont.)

- SR17c Proposed Content
 - Technology Upgrades
 - Sybase ASE 16 SP03 PL07
 - Windows 2016 Server Certification – certification supporting Sybase Database Server, SPS Application, webMethods, ASF Server, SPS-C
 - Microsoft Office 2016 Certification – Certification supporting SPS Application, ASF Server application, Archiving Utility in SR17c
 - Will also correct an issue when opening certain MS Excel spreadsheets that causes the application to throw an error message
 - Solaris 11.4 Certification
 - Functional Changes
 - Audit Logging II - Compliance with DoD minimum information assurance control requirement for RMF audit log concepts found in NIST 800-53 Rev 4, FMO FM overlays, and FISCAM
 - Provides a log of audit records containing events: Generator User ID, Date and Time, Type
 - Automated Closeout from WAWF DD 1594 - Allows DD1594 documents incoming from WAWF/MOCAS to automatically closeout contracts/orders in the SPS database
 - Supports the WAWF Automated Closeout capability
 - This removes the step of having to approve these and manually close them out of SPS
 - Reporting Grants & Financial Assistance Actions to FPDS - Starting in Q2 FY19, DoD planned to start reporting grants, cooperative agreements, and other financial assistance actions to FPDS.
 - Allows a SPS user to initiate/approve sending a grants report from SPS and sending the FAIN (i.e., PIID) and minimal amount of information (e.g., DUNS, action date, obligation amount)
 - SAMMI-New GSA Entity Validation Service - New government-generated Unique Entity Identifier (UEI); Similar rules to current assignment process; Replaces DoD's use of the DUNS
 - Standard Form Updates (bundled) - Update Forms: SF 26, SF 33, SF 1442, SF 30, DD 1155

Other SPS Product Updates

- PDS Utilities – Current Updates
 - PDS Extract Utility v5.5 (accepted 9/5/2018)
 - Release includes 9 bug fixes
 - PDS Punch-out Utility v2.0 (Handshake 2) (accepted 5/15/2018)
 - Added the Funds Validation Approval Template; Many sites use this version for PDS Pre-Validation only
 - Some systems already perform HS2 functionality using SPS legacy xProc DTD, but PDS Punch-out Utility v2.0 allows for both the PDS check and funds check with PDS ready financial systems
 - SPS JPMO will begin HS-2 testing with DAI and GEX this month (April 2019)
 - PDS Conformed Award Utility v1.0 (accepted 10/11/2016)
 - This utility produces conformed PDS contracts. Developed for PDS data migration when it is determined that the conformed PDS data on EDA is sparse for the receiving system.
- PDS Utilities – Upcoming Updates
 - PDS Extract Utility v5.6 & PDS Punch-out Utility v3.0
 - Release includes 7 bug fixes
 - Currently in SAT Testing; Acceptance expected 5/2019
- PDS Utilities – Proposed Updates
 - PDS Extract Utilities Update - PDS 2.6
 - Update SPS to be compatible with the upcoming PDS v2.6.1 schema
 - Update PDS Extract and Punch-Out Utilities for Awards and Mods
 - Adds new Solicitation/Solicitation Amendment documents functionality

Other SPS Product Updates (cont.)

- FPDS-NG v1.5 Releases
 - FPDS Engine v3.8a (SR16)
 - Acceptance received on September 15, 2017
 - FPDS Engine v3.9a (SR17)
 - Acceptance received on November 20, 2017
 - FPDS Engine v3.9b (SR17b)
 - Included as part of the SR17b Technology Upgrades
 - Scheduled for delivery for SAT testing on May 17, 2019
 - Acceptance decision expected on July 29, 2019

Other SPS Product Updates (cont.)

- Java 7 Support
 - Java 7 Update 211 was accepted on March 21, 2019
- Java 8 Support
 - Java 8 support is available in SR17
 - Java 8 Update 202 was accepted on March 21, 2019

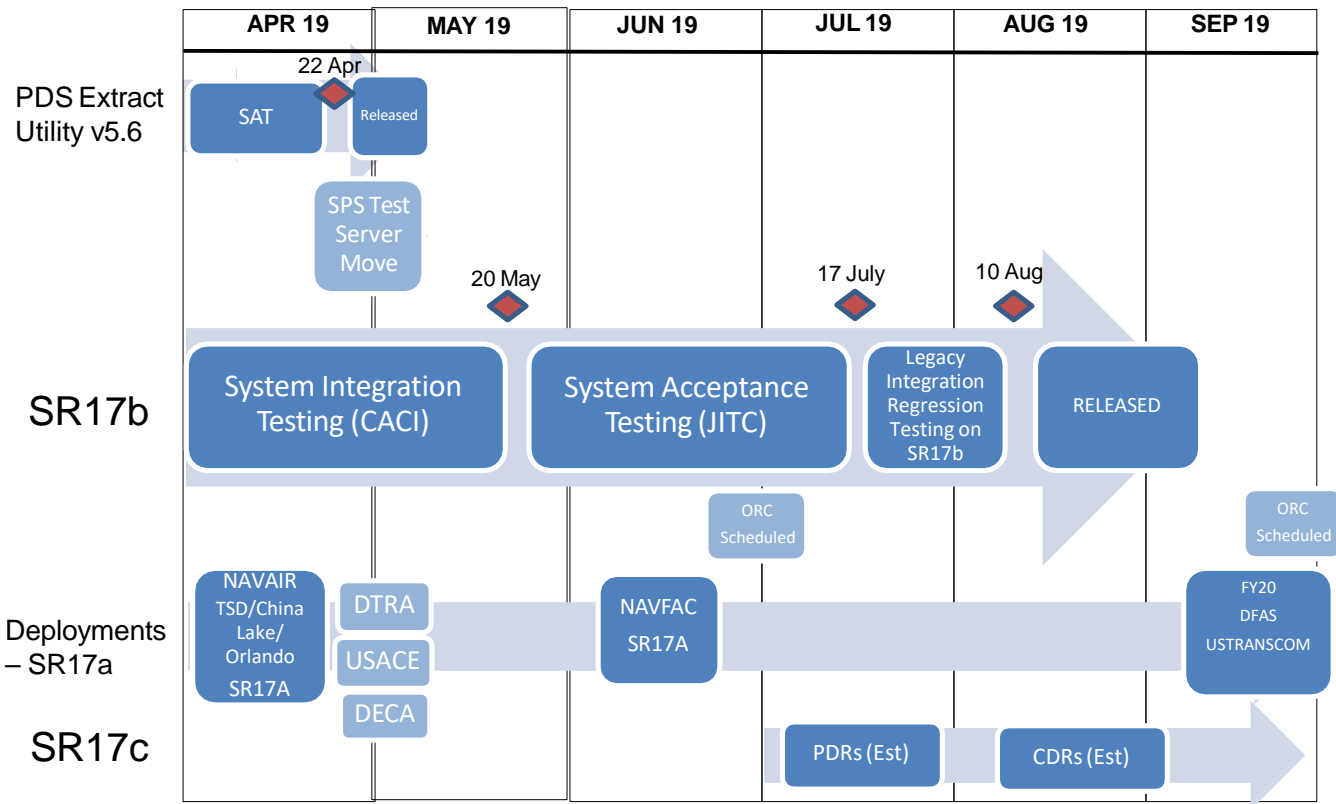
Other SPS Product Updates (cont.)

- **SPS EDA (formerly Data Lake) Integration Utility**
 - Capability to extract data/documents for closed contracts to send to EDA for storage thru retention period
 - Moves data from the production database directly to the file server
 - Does not remove the data from the production database
 - The selected conformed document itself will not be extracted by the SPS EDA Extract Utility. Awards, agreements, orders, and their modifications in the conformed document chain are also not extracted. Only associated documents and attachments related to these documents are extracted.
 - Supports SPS retirement; Will support SR17a initially
 - The SPS Utility development & initial testing completed in Dec 2018
 - Will test with EDA after the EDA v6.0.0 upcoming Tech Refresh
 - **Schedule TBD**

Currently Supported User Products

- SPS Application - SR16, SR17a
- FPDS-NG v3.9a (v3.9b coming in 8/2019) – CAR creation
- **PDS Extract Utility v5.5** (v5.6 coming in 5/2019) – Produce PDS
- **PDS Punch-Out Utility v2.0** (v3.0 coming in 5/2019) – Validate PDS Pre-Award
- **Conformed Award Utility v1.0** – Produce Conformed PDS for data migration
- Archiving Utility v8.0 – Archive old contracts
- **EDA (formerly) Integration Utility v1.0** – Extract supporting contract documents/data for closed contracts; supports data migration/retention strategy
- Add Text Utility v1.0 – Convert add text to rtf format; supports data migration in SR17a
- Document Transfer Utility v7.0 – Allows transfer of contracts between SPS databases
- External Award Utility v3.4 – Ability to send award/agreement as an external document for insertion into another SPS database

SPS at-a-Glance



Sunset Support

Sunset Support

- Current Sunset
 - No new actions after end FY20
 - All use ceases after FY23 (September 30, 2023)
- SPS Program Concerns
 - Customer Contract Writing System Schedules
 - Legacy Integrations De-support Schedules
 - Reduced Testing Resources
 - Future Software Licensing (webMethods, Sybase, etc.)
 - System Maintenance Costs; Maintain Technical Viability

Sunset Support (cont.)

- Upcoming Software De-Support
 - **Service Release 16 (SR16)– 12/31/2019**
 - Office 2007 & Office 2010
 - Java 6
 - Internet Explorer < 11
 - webMethods version < 9.8
 - Sybase ASE/Open Client < 16.0 SP01 PL02
 - Open Client < 16.0 SP01 PL02
 - COGNOS
 - Windows 7 & Windows 8.1

Goal: Software Infrastructure for one Release Baseline

Sunset Support (cont.)

- SPS Customer Sunset Support
 - Data Migration – SPS PDS Conformed Award Utility
 - Data Retention – SPS EDA Integration Utility
 - Contract Closeout – Automated Closeout from WAWF and/or MOCAS Integration

Sunset Support (cont.)

- **Contract Status – Preparing for SPS sunset**
 - **Closed Out: In Retention Period**
 - SPS **Data Retention Support**: SPS EDA Integration Utility - Send Forms/Data to EDA (e.g. Pre-Award, Post-Awards, Attachments, etc.) to compliment existing EDA Forms/Data
 - Closed contract repository for all customers (enterprise solution)
 - Provides additional contract data retention beyond just the closed conformed contract
 - Pre-Award & Post-Award data/documents
 - Benefits: Aids in the retirement of SPS databases
 - **Ready to be Closed Out: Final Invoice Paid**
 - SPS **Contract Closeout Support**: Proposed Change; Ability to receive DD 1594 data from WAWF/MOCAS and automatically close the contract; Ability to send DD 1594 data to GEX
 - Benefits: Receiving DD 1594s aids in closing contracts within SPS for the offices that used SPS for that purpose. Sending DD 1594s for contracts closed within SPS helps alert others that the contract is closed

Sunset Support (cont.)

- **Contract Status – Preparing for SPS sunset**
 - **Active (almost done):** Current contract coming to a close
 - Business decision to close contract out in SPS or migrate to new CWS
 - **Active (many years left):** Need to migrate or do continued contract
 - SPS **Data Migration Support:** PDS Conformed Award Utility
 - Benefits: Aids in migrating a Conformed PDS Award to a new CWS
 - The Strategic Plan for Defense Wide Procurement Capabilities (A Functional Strategy) Version 2.2, March 2017, Section 5.5 Data Standards states,
“Components are encouraged to use the PDS and Electronic Document Access system as part of a data migration strategy in transitioning from legacy systems.”
 - The SPS-PDS Conformed Award Utility (CAU) was developed to assist with the migration from SPS to new contract systems that can ingest conformed PDS
 - This tool is available to SPS sites that would like to produce samples for their new CWS prototypes
 - Air Force used this for CON-IT data migration & for checking contract quality prior to migration

Sunset Support (cont.)

- SPS Next Steps
 - Announce Desupport Software/Service Release Date(s)
 - Develop Schedules/Timelines
 - Request Customers' CWS migration schedules
 - Request Customers' Legacy Integration migration schedules
 - Continue with 1) EDA Integration Utility & 2) Automated Contract Closeout (from WAWF) Efforts
 - Share Customer Lessons Learned

JPMO Email Contacts

- Can email individual JPMO team members
- SPSJPMO@DLA.MIL
- All Audit Inquiries/Requests must go through our DLA Audit Liaison Office
 - DLAAuditReadinessLiaison@dla.mil

Questions?

Email: SPSJPMO@dla.mil

Website: SPSsite.CACI.COM

Help Desk: Phone: 1-800-234-7453 or 703-679-6300

E-Mail: sps.helpdesk@caci.com

Hours of Operation: 0800-1800hrs EST (Monday through Friday)



Procure-to-Pay

Training Symposium

April 23 - April 25, 2019 • Hilton Lake Buena Vista - Florida

Back-up Slides

SR17a – Release Content

- Release accepted on 8/11/2016
- 4 technology updates
 - Java 8
 - webMethods v9.8 support
 - Office 2013
 - Sybase ASE 16.0
- 8 Change Requests
 - Spend Analysis
 - Effective Date
 - Blank Contract Type Warrant
 - External Award Closeout
 - Vendor Debarred Status & Vendor DBA Name
 - Autosave
 - PSC Lockdown
 - *PIID Search Capability*
- For detailed content descriptions (Release Notes, etc.) – visit the SPS Knowledge Base (KB)
 - <https://spssite.caci.com>

SPS – Additional Supported Products

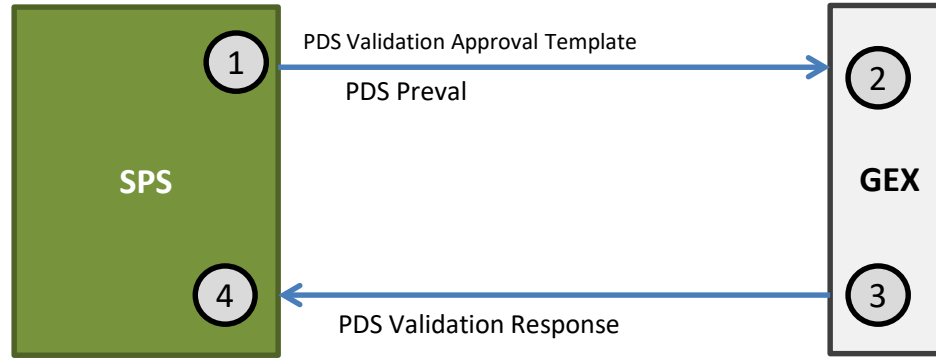
- Open SSH
 - Secure tunneling solution leveraging OpenSSH-based components
 - Originally delivered on January 17, 2017
 - Received acceptance on February 22, 2017
 - Latest available version for download of OpenSSH is version 7.9p1

What is Handshake 2?

“Conduct an electronic funds validation or “funds check” immediately prior to awarding a procurement instrument with the fund holding accounting system(s) to ensure continued availability of each accounting citation on the contract. This check shall also validate that the award document, once signed, will interface successfully from the contract writing to the accounting system, and that this will happen in such a way that traceability between commitment and award line items will be achieved.”

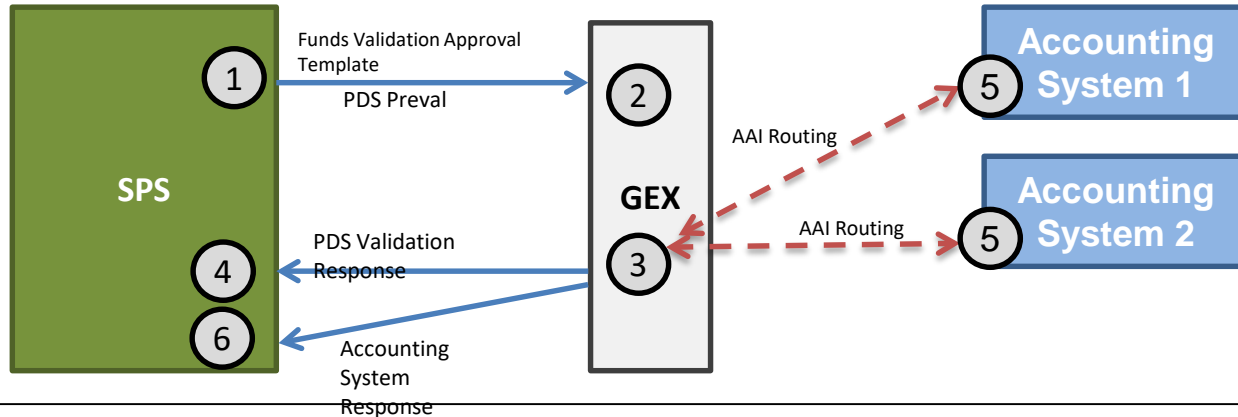
- Procure-to-Pay (P2P) Standard Operating Procedures (SOP) for Pre-Award Funds Validation (“Handshake” 2)

PDS Pre-Validation (Current)



1. Contracting office BEFORE award will send the contract or modification in the Procurement Data Standard (PDS) format to GEX to validate that the contract will pass PDS validation.
2. GEX validates the PDS format, business rules, checks SAM, DAASC, and CAGE for valid organization identifiers.
3. GEX sends back an acknowledgement that will contain messages indicating pass, pass with warnings, or fail with errors and list the detailed warnings or error messages.
4. SPS consumes the PDS acknowledgement and presents messages to the users.

PDS Pre-Validation with Accounting Feedback (Handshake 2)



1. Contracting office BEFORE award will send the contract or modification in the Procurement Data Standard (PDS) format to GEX to validate that the contract will pass PDS validation.
2. GEX validates the PDS format, business rules, checks SAM, DAASC, and CAGE for valid organization identifiers.
3. GEX sends back an acknowledgement that will contain messages indicating pass, pass with warnings, or fail with errors and list the detailed warnings or error messages. GEX also sends to accounting systems if it passes validation.
4. SPS consumes the PDS acknowledgement and presents messages to the users.
5. Accounting Systems process PDS from GEX and send response back to GEX.
6. SPS consumes the second PDS acknowledgement with financial system responses and presents the accounting messages back to the users.

NOTE: If step 3 fails PDS validation, steps 1-4 are repeated until it passes.