
Procure-to-Pay Capability Summary

PUBLICATION DATE: September 25, 2023

SUBJECT: Procurement Business Intelligence Service (PBIS)

The Office of Defense Pricing and Contracting (DPC), Contracting eBusiness (CEB) collects procurement data from a variety of sources and analyzes it using a business intelligence tool. The Procurement Business Intelligence Service (PBIS) is a data warehouse capability used for mining enterprise procurement data across the Department of Defense (DoD). It displays that information in a user-friendly dashboard. This tool is capable of producing several different reports described in detail in the DoD Procurement Toolbox at <https://dodprocurementtoolbox.com/site-pages/procurement-data-analysis-reports>.

PBIS is not a transactional application that processes procurement data; rather, it is a data and information sharing service application that allows customers to view procurement data via reports for internal use within their organizations. PBIS compiles data from other source systems, but is not a source system itself, nor does PBIS generate new source data. Additionally, PBIS offers interface capabilities for DoD systems to download the data. See the above link for further details.

STANDARDS: PBIS is capable of receiving, storing, and reporting on data leveraging the following standard transaction data sets:

- Federal Procurement Data System (FPDS) Atom feed
- Procurement Data Standard (PDS) eXtensible Markup Language (XML)
- PDS Validation Acknowledgement Reports (PDS VAR) XML
- Electronic Data Access (EDA) Synopsis XML
- Purchase Card data in Smartpay 2 Risk Predictive Model (RPM) format (Smartpay 3 RPM format will be a future capability)

INFORMATION TECHNOLOGY INFRASTRUCTURE: PBIS is currently hosted on the Army's Acquisition, Logistics, and Technology Enterprise Systems Service (ALTESS) cloud environment, however efforts are currently underway to transition PBIS to the ADVANA hosting environment, DoD's big data platform for advanced analytics, and will allow for greater reporting power and efficiencies. DPC makes FPDS procurement data available to users through a variety of PBIS reports and external system connections to the FPDS Management Report Server (MRS). Initially deployed in August 2011, PBIS continues to deploy new functionality as directed by DPC.

IMPACT: The primary purpose of PBIS is to serve Senior Procurement Executives and provide management-level reports that enable them to make well-informed business decisions on DoD-wide issues prior to issuing new procurement policy that may impact other functional areas within the DoD supply chain.

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