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DATA ANALYTICS & SYSTEMS GROUP

One Program Integrity Business Data Mart

One PI

MULTIPLE TOOLS CRITICAL TO PROGRAM INTEGRITY WORK

One PI is a robust self-service environment where in-house CMS specialists, supporting contractors, and law enforcement can leverage multiple tools critical to program integrity work.

Considered a "one-stop shop" for fraud-fighting data analysts, One PI provides access to current and historical Medicare and Medicaid data that is used to analyze data in the prevention of fraud, waste and abuse. This includes information from the Integrated Data Repository (IDR).

Currently, the IDR incorporates Medicare beneficiary and provider eligibility and enrollment data from 2006 to the present, as well as:

- Part A claims (including home health)
- Part B claims (including durable medical equipment)
- Part C encounter data
- Part D prescription drug events

Commercial Off-the-Shelf (COTS) Analytic Tools

Customized for One PI to give users convenient access to this robust data repository.

SAP® BusinessObjects (BO)
SAP® BO is a COTS Business Intelligence software product that features a drag-and-drop interface with pre-defined and ad hoc report capabilities. Customized for One PI, SAP® BO facilitates access to the wide range of data elements in the IDR.

SAS® Enterprise Business Intelligence (EBI)
SAS® EBI is a suite of COTS products currently configured to use data from the IDR. It includes powerful analytic components, such as Enterprise Guide® and Enterprise MinerTM. Information maps and cubes allow users to quickly filter, group, and sort data to get the information they need.

STARSInformant® (STARS®)
STARS® is a proprietary COTS product comprised of a front-end data analysis environment and an integrated underlying data model. Users can run pre-defined and ad hoc reports for data summaries and trend analysis.

The Center for Program Integrity (CPI) administers the One PI contract, and is responsible for development specific to One PI users. Current One PI users include:

- CMS employees
- Program integrity contractors, including but not limited to:
  - Unified Program Integrity Contractors (UPICs)
  - Medicare Drug Integrity Contractors (MEDICs)
  - Law enforcement officials
- Other CMS contractors, including but not limited to:
  - Pricing, Data Analysis, and Coding (PDAC) contractors
  - Recovery Audit Contractors (RACs)
  - Medicare Administrative Contractors (MACs)
  - Program Integrity Modeling and Analytics Support Contractors (PIMASC)

FUTURE GOALS
One PI is continuously evolving to support CPI's vision for greater data democratization. Future enhancements will build upon the existing system, providing citizen data scientists with access to more information and tools critical to program integrity work.