

Center for Medicare & Medicaid Services

Meta Informatix worked with Enterprise Architecture group at the Centers for Medicare and Medicaid to identify and define the top-down business information requirements that would be supported by an Integrated Data Repository (IDR). The IDR is a major initiative for CMS and is a first step in the implementation of an Integrated Data Strategy for the Department of Health and Human Services (HHS).

Meta Informatix also developed a strategy for defining CMS' major business lines (MBLs) that reflect the health benefit programs administered by CMS; namely, Medicare, Medicaid and SCHIP programs. Organizing the data by MBLs and business data domains is a key architectural element necessary to more fully support CMS' evolving integrated data strategy, which:

- » Supports program administration and operations:
 - Claims Processing
 - Contractor Oversight
 - Beneficiary Support
 - Education and Outreach

- » Positions CMS to support HHS and Agency strategic directives in the future:
 - Pay for Performance
 - Person Centered Care
 - Secretary's 500 Day Plan
 - Alignment with Federal Enterprise Architecture/Federal Health Architecture Standards

The key to this strategy was to identify and define MBLs for CMS that enable CMS to link business transactions and services to membership, premium and cost sharing, and benefit administration that reflect these sponsored health benefit programs. This innovative approach was approved by the Office of Management and Budget (OMB).

Meta Informatix also designed and developed the first enterprise logical data model (LDM) for the IDR that integrates all Medicare Part A, Part B, Part D (prescription drugs), Medicare Advantage and Medicaid data with its beneficiary, health plan, provider and clinical data sources. Plans are to also incorporate the MBLs assigned to each beneficiary, premium and cost sharing data components and all claims data at the claim line item level into the IDR LDM.

This approach enables CMS to plan, manage, and monitor CMS sponsored health benefit programs and the health care system effectively and efficiently and advance the quality and safety of health care for the beneficiary population it serves and provide flexibility for the future.

Meta Informatix continues to work closely with CMS to capture the requirements to more fully define the MBLs and to develop an MBL implementation strategy. This strategy may include how to incorporate the MBL structures into the IDR, near and long term means of acquiring and stamping the data to be loaded into the IDR and other aspects related to establishing and implementing the MBL at CMS. Meta Informatix will help develop the specifications needed to implement the MBL in the IDR and if needed, in the CMS Shared Systems or other source systems.