Collecting Data

Ingest and Manage Any Type of Data

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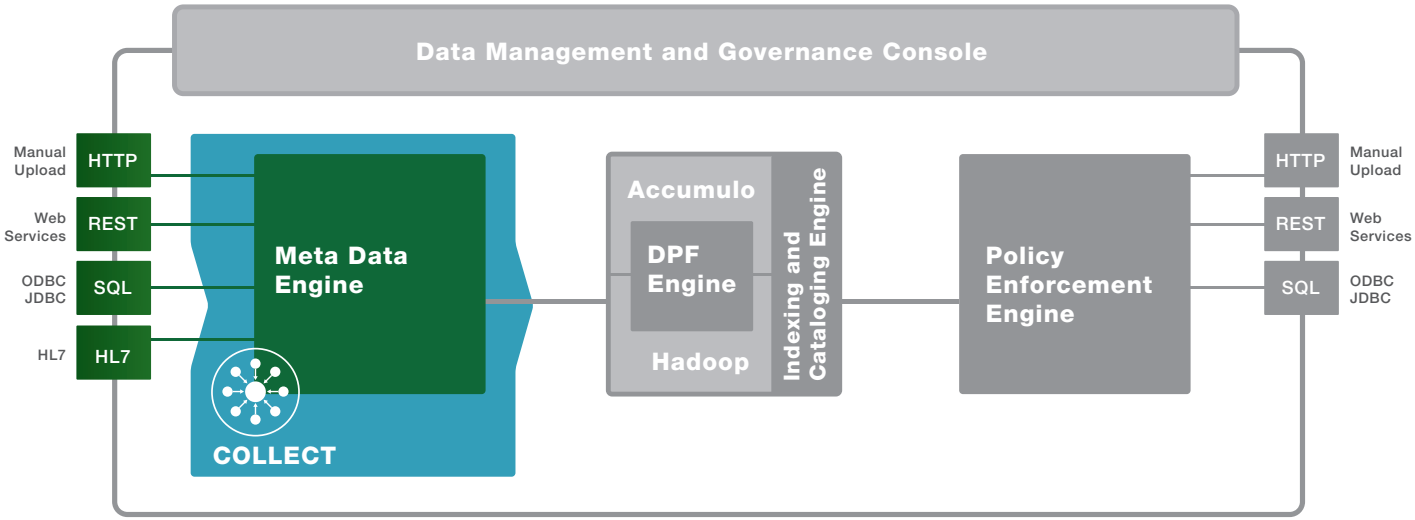
Data Sources

PHEMI Central can ingest virtually any kind of data, so organizations can consolidate their data silos. Data sources can include any data type from small kilobyte messages to large terabyte files:

- Database Records — Data extracted from information systems, databases, etc.
- Structured Non-Relational Data — Spreadsheets, GIS datasets, genomics, machine data, XML, JSON, HL7, PHEMI Clinical, PHEMI Forms Server, etc.
- Semi-structured — ECGs, tabular documents, etc.
- Unstructured files & datasets — Images, consult letters, reports, emails, customer feedback, social media, etc.



Data Import

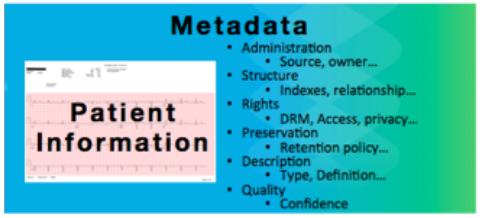
PHEMI Central can import data in a variety of ways:

- Streaming – Machine-to-machine data sources, such as telemetry and hospital bedside monitors, can stream data to PHEMI Central by means of the PHEMI REST interface.
- Push — Data sources can publish to PHEMI Central using either JDBC or the PHEMI REST interface.
- Pull — Custom connectors based on PHEMI's REST can be developed to allow PHEMI Central to fetch source data from sources.
- Manual — Files can be manually uploaded to PHEMI Central from a standard browser window.
- Store by Reference and Action

PHEMI Central can reference remote data or a remote dataset through a URL, stored procedure, SQL query or REST API. Store by Reference and Store by Action operations are ideal for collaboration projects between organizations or when accessing third-party datasets where data sharing agreements restrict data from being replicated.

Metadata Tagging on Ingest

Immediately on ingest, PHEMI Central catalogs and describes raw data as part of cross-system data management. Describing and indexing data at the data element level but at petabyte scale provides users with unprecedented flexibility for accessing and using digital assets.



Digital Asset = **Information** + **Metadata**

Is it possible to get the original graphic files for the above graphic?