

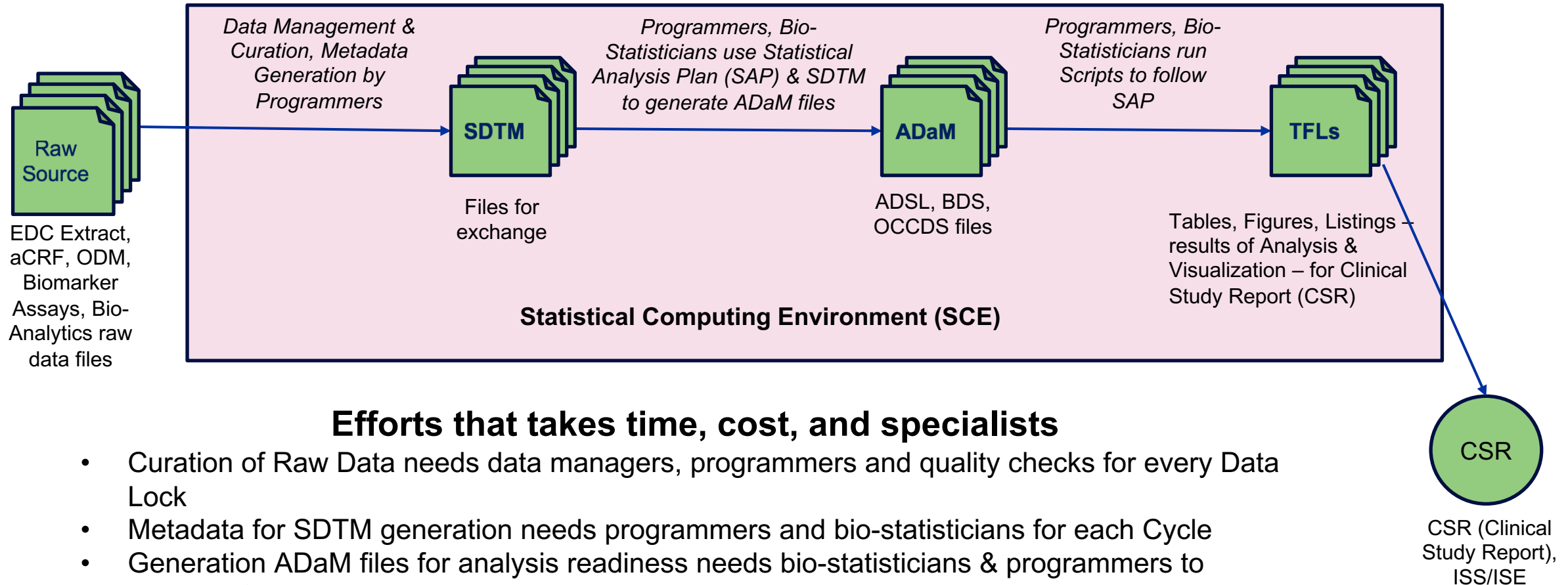
Single Day Event

Automated SDTM Generation using a Single Point of Truth

Suresh Madhavan,
PointCross Life Sciences

Conventional Statistic and Programming Process for Clinical Data Analysis

Transforming Files through a Series of Stages

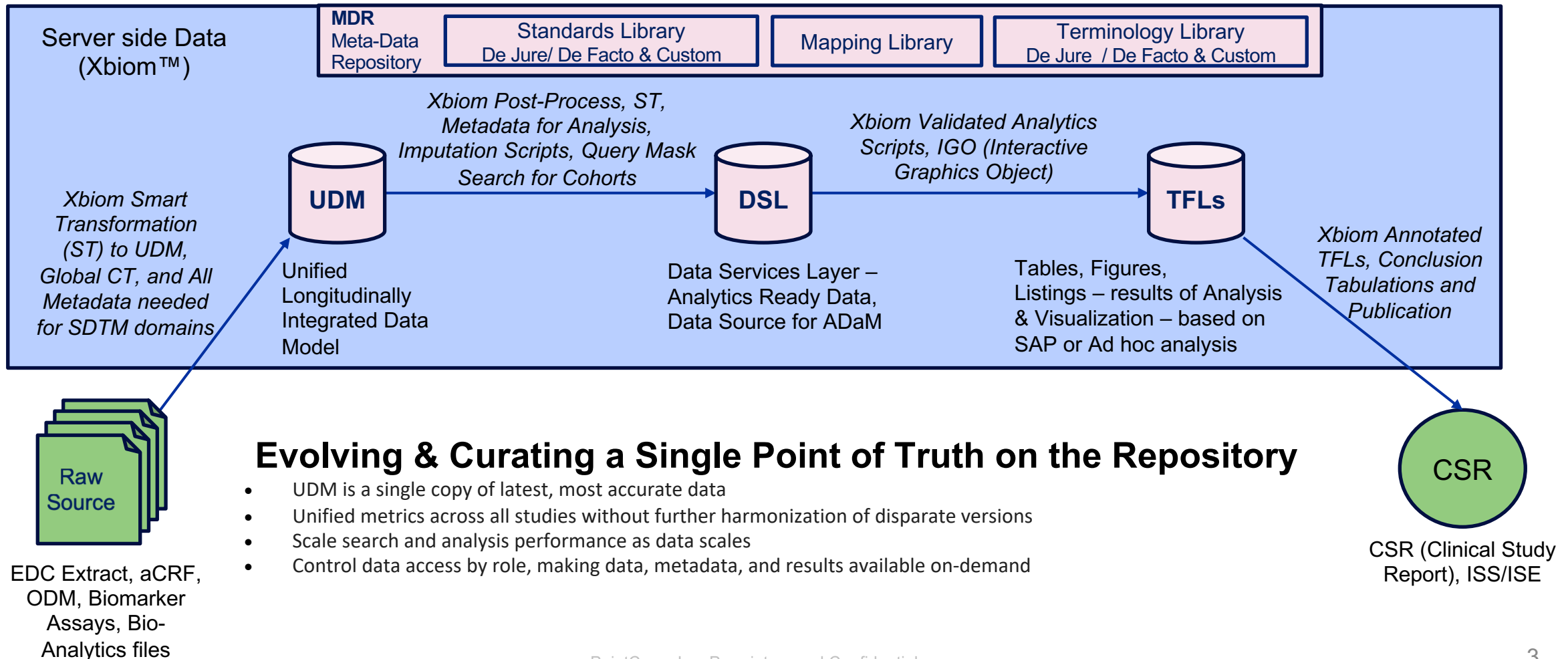


Efforts that takes time, cost, and specialists

- Curation of Raw Data needs data managers, programmers and quality checks for every Data Lock
- Metadata for SDTM generation needs programmers and bio-statisticians for each Cycle
- Generation ADaM files for analysis readiness needs bio-statisticians & programmers to interpret SAP
- Generation of TFLs need bio-statisticians & programmers to develop and run scripts for analysis

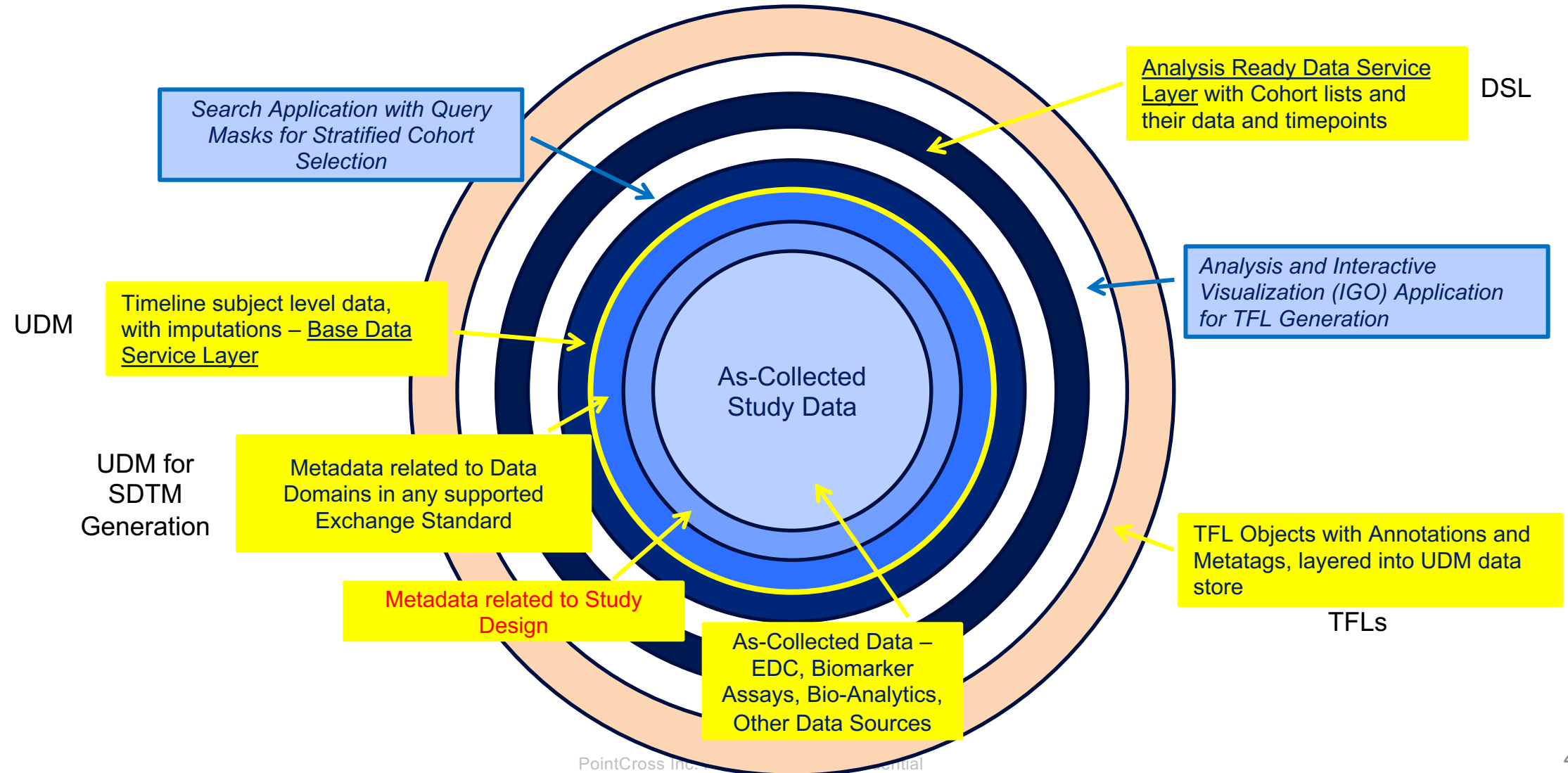
Clinical Data Phases Managed on a Server-side Platform

Transform & Build Metadata Layers held in a Server-side Repository Model

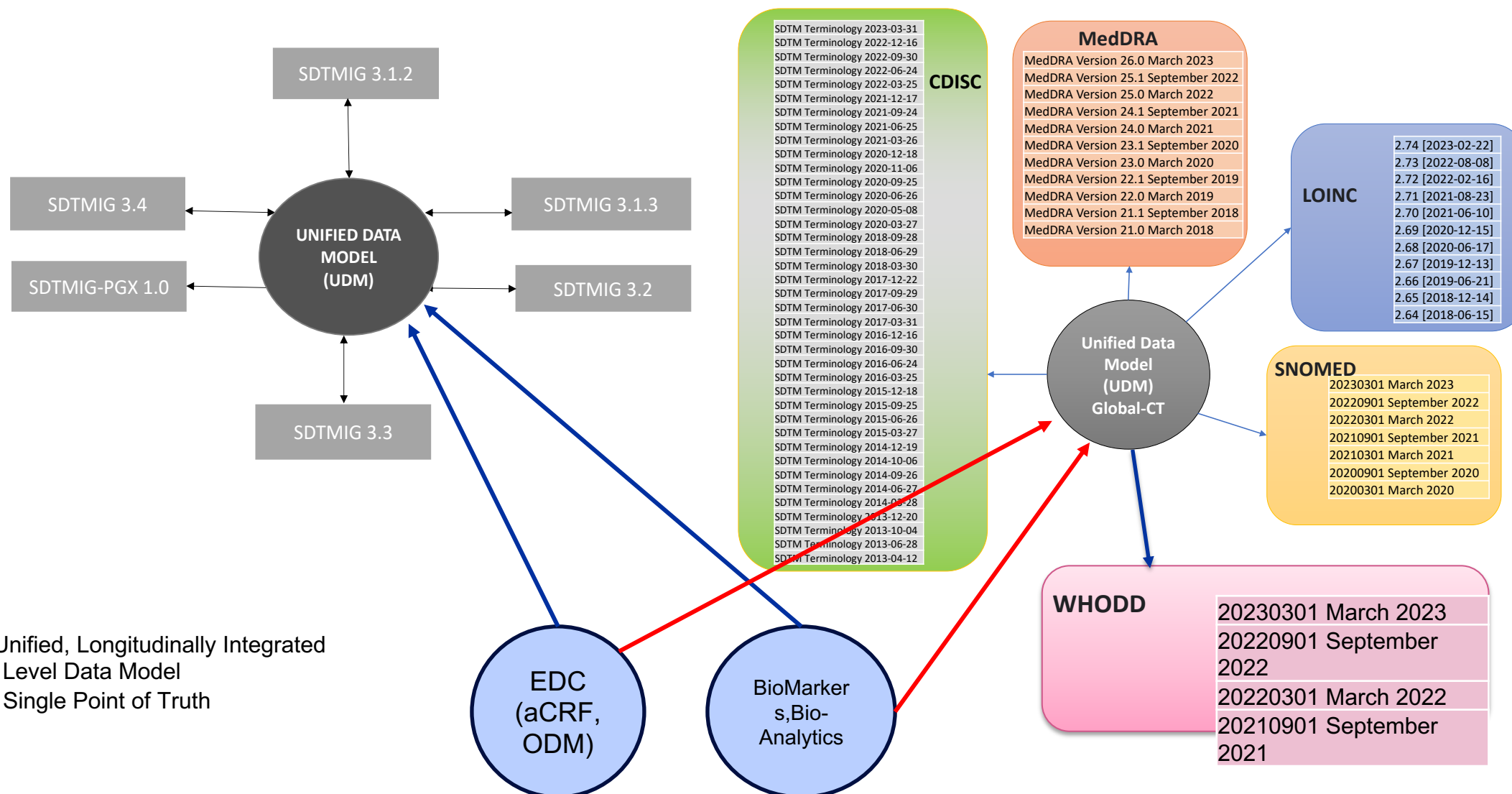


UDM – Unified Data Model for Repository

Layers of As-Collected, Curated, Matured Data & Meta-Data Indexed and Searchable for Analysis and Visualization of TFLs



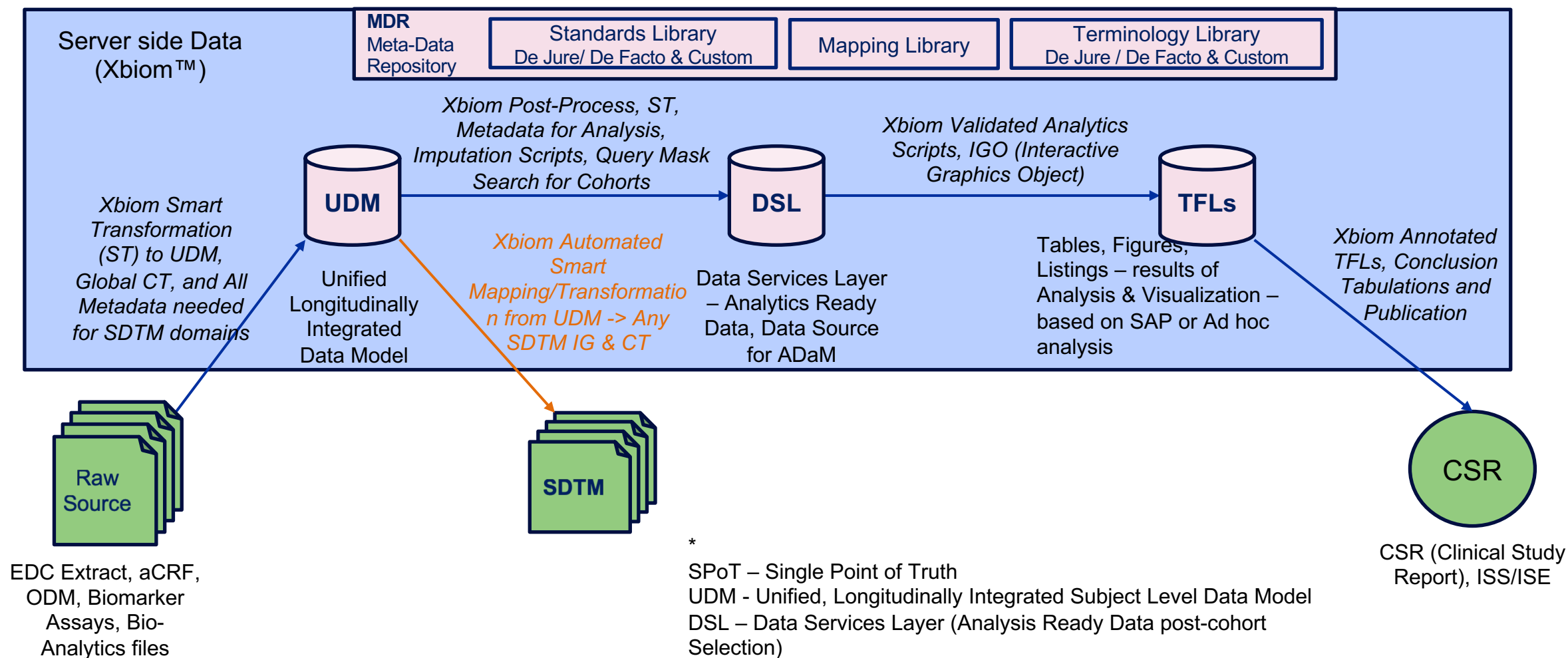
Simplifying, Streamlining SDTM Automation with a UDM SPoT*



*
UDM - Unified, Longitudinally Integrated
Subject Level Data Model
SPoT – Single Point of Truth

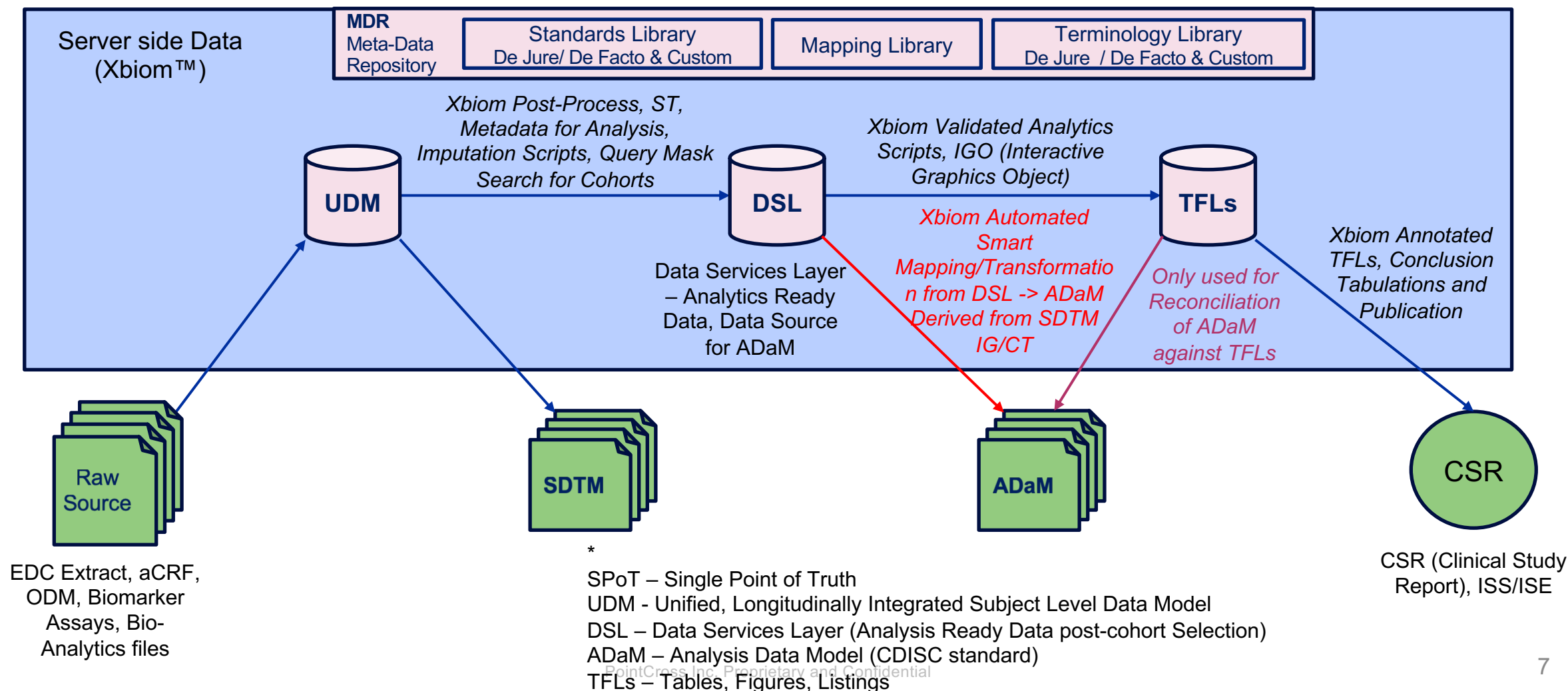
Automated SDTM Generation from SPoT UDM*

MDR Libraries for Standards, Terminologies and Mappings



Automated ADaM Generation from SPoT UDM*

MDR Libraries for Standards, Terminologies and Mappings





The Global Healthcare Data Science Community

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