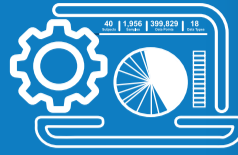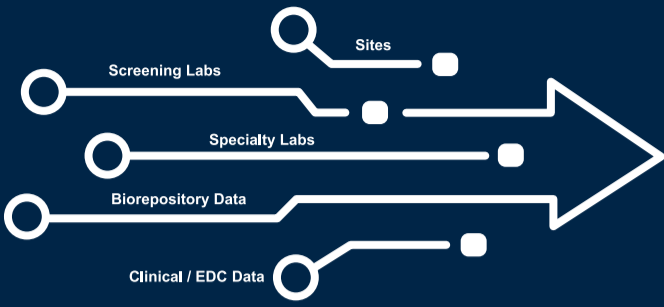# Unify Your Sample Data Ecosystem

Get a 360° view of clinical samples across the entire precision medicine lifecycle, from collection through long-term storage.

- Screening Labs
- Sites
- Specialty Labs
- Biorepository Data
- Clinical / EDC Data
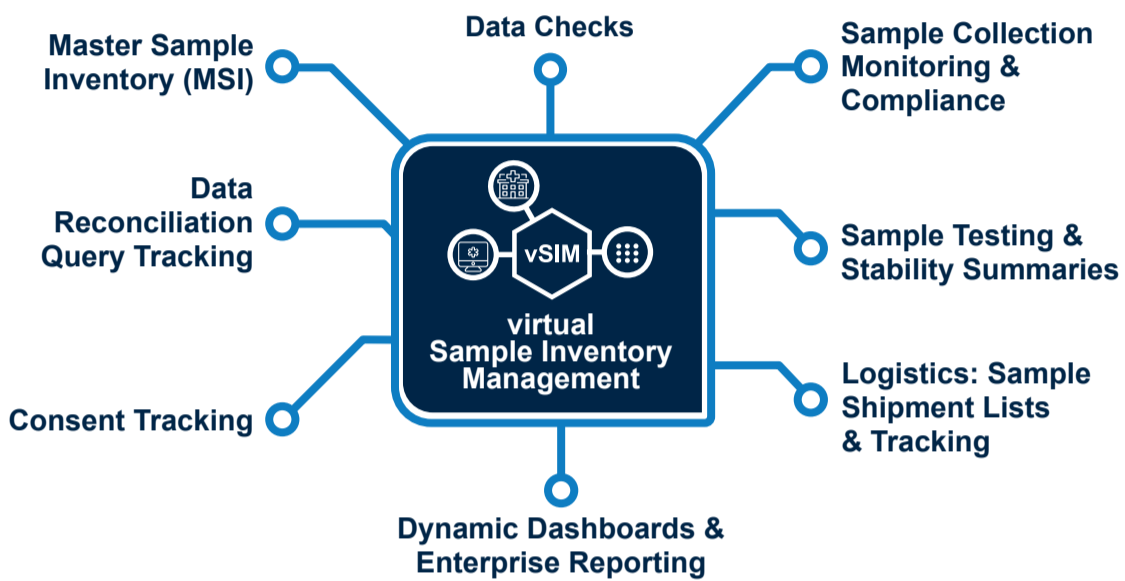
AI-enabled Biomarker Intelligence Platform

- Information & Insights About Your Samples
- Ensure Quality Data & Streamline Vendor Management
- Drive Clinical Study Monitoring & Compliance
- Improve Operational Efficiency

Powered by the first ensemble of Precision Medicine Large Language Models (LLMs)

- Master Sample Inventory (MSI)
- Data Checks
- Sample Collection Monitoring & Compliance
- Data Reconciliation Query Tracking
- Sample Testing & Stability Summaries
- Consent Tracking
- Logistics: Sample Shipment Lists & Tracking
- Dynamic Dashboards & Enterprise Reporting

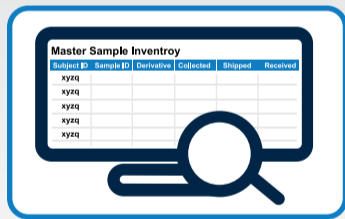**vSIM — virtual Sample Inventory Management**

Conversationally explore your sample data ecosystem with the first Virtual Assistant for sample operations

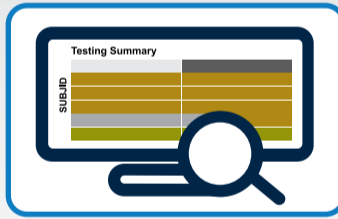# Sample Intelligence Supports a Broad Set of Use Cases and Functions
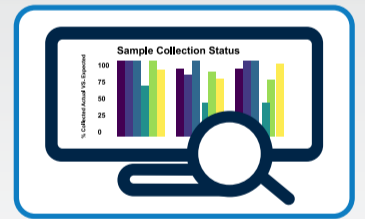
Biospecimen / Biomarker Operations

Master Sample Inventroy

Subject ID	Sample ID	Derivative	Collected	Shipped	Received
xyzq					
xyzq					
xyzq					
xyzq					
xyzq					

Comprehensive view of samples, harmonized from all lab sources and EDC

Translational Research

Testing Summary

SUB-ID

Centralized view of sample testing status across assays and labs

Clinical Operations
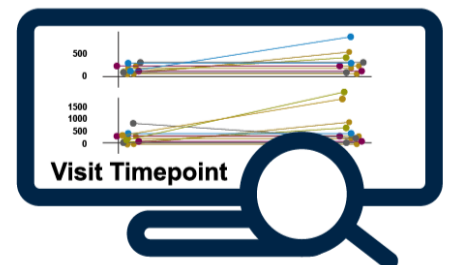
Sample Collection Status

Ensure quality data and compliance with sample collections

Explore integrated sample and biomarker data for richer insights

Support the full precision medicine lifecycle with smart, automated integration of biomarker, sample, and clinical data.

Learn how our Biomarker Intelligence capabilities facilitate decision-making:

Visit quartz.bio/biomarker-intelligence

Visit Timepoint

Security & Compliance

- Fully validated platform
- Supports GDPR, 21 CFR part 11, GxP compliance
- SSO integration with client's IDP
- User access management, full audit trail
- Deployment, maintenance, and monitoring of all infrastructure