

Virtual Biospecimen Management: Vision to Solution

THE SITUATION

A mid-sized biotech organization with US and EU sites recognized a need for comprehensive tracking of on-study samples and remote virtual inventory. They desired a commercial technology vendor to provide the solution. The organization identified the following challenges facing their biospecimen management landscape:

- Significant internal resources being spent on manual activities of tracking and management of on-study samples
- Processes and management of sample activities not clearly defined
- Lack of visibility into on-study and stored samples and the timely access to results cause study timelines to be delayed
- Scientific resources spending non-value-added time on sample tracking, data quality control and data formatting
- Need for management of off-study sample inventory and consent tracking for longer-term registry studies and translational medicine purposes

The project duration, including finalization of the solution selection recommendation had to be completed within four months, requiring an accelerated approach to the development of vision, requirements, and solution selection.

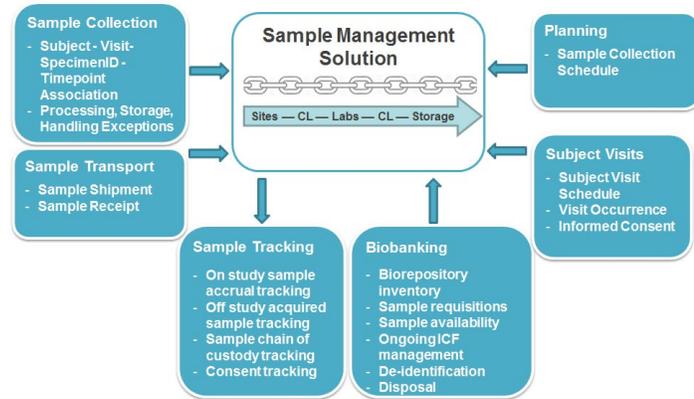
THE SOLUTION

ResultWorks applied its methodology to conduct highly focused on-site working group sessions with the project stakeholders from clinical operations, medical affairs, and translational research groups to assess the current state challenges and develop a unified future state vision for clinical trial sample tracking, consent tracking, and post-study inventory management.

Business requirements outlined a solution targeting on-study virtual tracking of sample collection and consent data and the virtual management of multiple biobanking repositories. To

accomplish this vendors were required to demonstrate strong capabilities in the following key areas:

- Study planning and sample collection plan management
- Subject visit data and informed consent data acquisition and tracking
- Sample collection and handling data tracking
- Sample shipment and receipt tracking
- Tracking and chain of custody of on-study collected samples and off-study acquired samples
- Biobanking management for ongoing virtual sample inventory tracking at multiple physical biorepository locations



KEY BENEFITS

Aligned Vision: Developed the future state vision and framework for leveraging a third-party technology vendor within the organization’s biospecimen sample management landscape

Accelerated Approach: Leveraging an accelerated approach to the ResultMethodology, ResultWorks achieved effective process alignment, definition, and solution selection in 3 ½ months

Success: Conducted a rigorous, structured process resulting in selection of a commercial technology vendor solution that meets the defined requirements and aligns with the organization’s vision for virtual biospecimen management

“ResultWorks was able to adapt their process to complete this exercise in a short time frame and help us reach our year end goal”

- Sr. Manager, Development Sciences
Process Improvement

For more information, visit our website www.resultworksllc.com or contact us at marketing@resultworksllc.com.