

Biorepository Management System



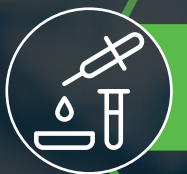
Biospecimen Management



Biospecimen Collection Protocols



Virtual Storage Setup



Biospecimen Collection Management



Biospecimen Retrieval & Shipment Management

To know more,
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BIOREPOSITORY MANAGEMENT SYSTEM BENEFITS

● Improve Operational Efficiency

- Automated biobanking workflows, personalized reports, and role-based access help in promptly managing sample and patient data.
- With inherent advanced search tools and a fully searchable database, each specimen can be searched, using multiple filters across various sample attributes and associated metadata

● Data Privacy and Security

- Restricts unauthorized access to patient's privacy data,
- The software is 21 CFR Part 11 and HIPPA-compliant
- Provides a comprehensive audit trail of each sample, right from primary donor information to the final culling of the specimen, and presents all steps in a longitudinal view.
- The chain of custody ensures transparency

● Biospecimen Collection and Management

- The software's automated tracking system helps you readily identify and trace the exact location of your biospecimens in the biobank, in real-time.
- The protocol set-up module comes with fields to define new specimen types, enroll sample collection sites, set sample processing workflows and much more.
- Octalsoft's BMS allows users to define components of a biospecimen collection kit with complete barcode generation and printing capabilities.
- The software offers its users a controlled and secure environment for facilitating different kinds of retrieval requests and tracking shipments with multiple attributes.

● Data Annotation

- Customizable data entry forms and fields assist you to capture clinical, lifestyle and genealogical data annotated to each biospecimen.
- The system allows the user to configure storage equipment with different specifications, temperature zones, layouts, capacity and hierarchical sub-divisions.

● Streamlined Workflow Integration

- Integration capabilities with existing laboratory information management systems (LIMS) and electronic health record (EHR) systems ensure seamless data flow and interoperability.
- Customizable workflow templates enable adaptation to specific research or clinical protocols, optimizing efficiency and reducing manual errors.

● Comprehensive Quality Control

- Implements quality control measures throughout the biospecimen lifecycle, ensuring adherence to industry standards and regulatory requirements.
- Automated alerts and notifications flag any deviations from established protocols, enabling immediate corrective actions and maintaining data integrity.

● Scalability and Customization

- Scalable architecture accommodates the growth of biobanks and research projects, supporting increased sample volumes and user expansion.
- Flexible configuration options allow customization of workflows, data fields, and user permissions to align with evolving research needs and organizational preferences.

“

“Leverage Octalsoft's purpose-built, cloud-based BMS that enables you to store, track, and manage various biospecimens and annotated data in a structured manner. It has a robust search and report generation engine that enables all essential ad-hoc queries and maintains up-to-date inventory lists. The software can be configured to support any workflow and is highly scalable to support the end number of biospecimen records.”

Krunal Bhatt
Technical Manager Octalsoft

”

OUR UNIQUE CUSTOMER SUPPORT STRUCTURE



Detailed User Manuals/Guides

One Stop-Hassle Free Support



Detailed user guides & training sheets for every product module



Guided video tutorial sessions to address user queries



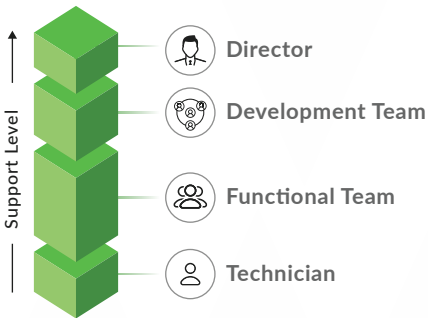
Exhaustive FAQ sheets per product module



24 X 7 Help Desk Support

Our Specialists are Always Available to Resolve Your Queries

- 1 | Customized screen for every user
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- 3 | Comprehensive repository of common queries
- 4 | Module embedded chatbot



Meet Rachel

Director at a BioGenetics Research Institute



Rachel's primary goal is to implement an advanced Biorepository Management System (BMS) at the BioGenetics Research Institute to efficiently manage biospecimens, ensure sample integrity, and support cutting-edge research projects.

She faces the challenge of managing a large and diverse collection of biospecimens, maintaining sample quality, and ensuring compliance with regulatory requirements such as Good Laboratory Practices (GLP) and Good Clinical Practices (GCP).

Octalsoft's BMS provides robust sample tracking capabilities, including barcode labeling, chain-of-custody tracking, and real-time sample location tracking, ensuring accurate and efficient management of biospecimens.

The software offers comprehensive inventory management features, including storage management, sample accessioning, and automated alerts for low inventory levels or expired samples, optimizing inventory control and minimizing waste.

Octalsoft's BMS includes features for monitoring and maintaining sample integrity, such as temperature monitoring, humidity control, and audit trails for sample handling, ensuring compliance with storage requirements and preserving sample quality.

The platform is designed to comply with regulatory standards such as GLP, GCP, and FDA regulations, with built-in features for audit trails, electronic signatures, and documentation management, helping Rachel ensure regulatory compliance in biorepository operations.

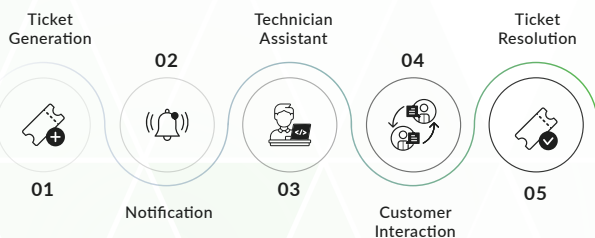
Octalsoft's BMS offers advanced data analysis tools, including customizable reports, data visualization dashboards, and integration with external data analysis platforms, facilitating data analysis for research projects, regulatory audits, and collaboration with external partners.



Embedded Agile Ticketing Feedback System

Your Query is Our Priority

Issue based (bug, enhancement, data rectification & others) ticket resolution system to address urgent queries on priority



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Compliant with all current & highest regulatory guidelines:



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End-to-end physically & logically secured cloud solution that effortlessly manages data collection, IP supplies, randomization, study compliance, and documents



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The platform can easily integrate with your existing system and can also get designed as per your requirements for increased flexibility, mobility and scalability



Unparalleled Global Customer Support

End-to-end physically & logically secured cloud solution that effortlessly manages data collection, IP supplies, randomization, study compliance, and documents

Our Values

For 15+ years, we've mastered the art of Simplifying Technology so that greater discoveries can happen sooner. As a leading eClinical Solution provider, we've always invested in the right expertise, experts, and technology that keeps us, and you at the forefront of science and medicine. As a trusted tech partner for some of the world's leading clinical trial initiatives, our values of innovation, reliability, and client satisfaction guide everything we do.

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