



Pathogen Asset Control System

PATHOGEN ASSET CONTROL SYSTEM (PACS)

is a comprehensive and flexible software solution for the accounting and tracking of biological materials in laboratories.

PACS was developed by the U.S. Defense Threat Reduction Agency (DTRA) to support the mission of the Cooperative Threat Reduction (CTR) in enhancing the biosecurity of stored biological materials by enabling accountability of samples and pathogens to prevent loss or theft.

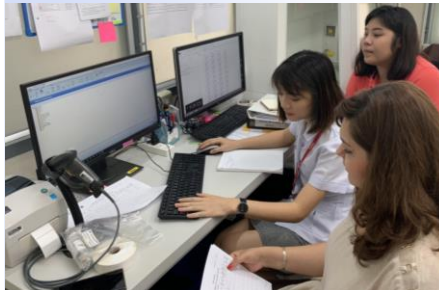
ENHANCED BIOSECURITY

- Unique identification of samples
- Exact location traceability
- Full audit trails
- Configurable role-based access control
- Highly secure closed system
- Three tiers of database backup



LABORATORY EFFICIENCY

- Quick data retrieval
- Minimized operator error
- Real-time analytics
- Quality control
- Reduced paperwork
- Biosurveillance support



SUSTAINABILITY

- Turn-key solution
- Proven implementation approach (70+ sites)
- Rapid rollout (6-12 months)
- Sustainable training program
- User HelpDesk
- No license fees

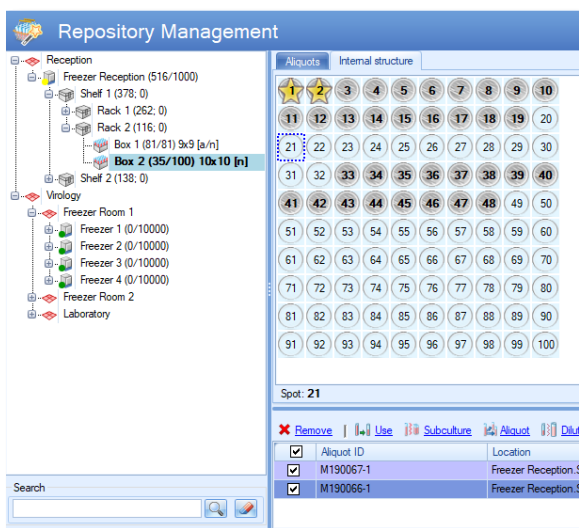


- Integrated cybersecurity measures to protect sensitive biological data from unauthorized access and cyber threats



KEY FEATURES

- System customization
- Tracks all types of biological materials
- Sample and tests management
- Source-Material-Aliquot-Test traceability
- Batch data entry and processing
- Customized reporting capabilities
- Traces all laboratory operations
- Powerful search engine
- Multi-level permissions
- Multilingual application
- Barcode and QR-code technology



TURN-KEY IMPLEMENTATION

- Demonstration & Site Survey
- Equipment procurement
- System deployment
- PACS Admin Training
- Cybersecurity & Information Assurance Training:
 - Safeguard laboratory data integrity
 - Prevent cyber threats
 - Ensure compliance with biosecurity policies
- System configuration & localization
- Standard Operating Procedures
- Phased transition

