PATHOGEN ASSET CONTROL SYSTEM

The Pathogen Asset Control System (PACS) is an electronic system for accounting, management and control of biological agents. The application is designed to monitor the reception, transfer, movement and destruction of agents, as well as other actions performed with biological materials. The system allows tracking materials of any kind. Each item in the repository is marked with an unique barcode label. The barcode technology using a barcode scanner allows fast and error-free data input and provides an extra level of pathogen asset tracking security. With the help of barcode technology, the repository process is fast, convenient and secure. PACS offers configurable access rights and user management system. Also it allows users to produce a variety of custom reports.

PACS is a highly customizable tool which can be configured to meet local needs and regulations, simplify the data entry process and optimally organize data. Extensive search and reporting capabilities allow users to output necessary data set in appropriate formats.

PACS was first installed in Ukraine in test mode in November 2009 at the Interim Central Reference Laboratory of the Especially Dangerous Pathogens (ICRL), located at the Ukrainian Research Anti-Plague Institute in Odessa (URAPI). All program interfaces and database information were translated and localized for Ukraine.

PACS is a turn-key solution. Implementation includes deployment, personnel training and support. The training program includes basic computer training for users with limited computer skills and an in-depth PACS training. PACS is supported by a multilayer technical support team including a Help Desk hot line and support specialists based in Kyiv and Moscow.

The Beneficiary of the Technical Assistance Project is the Ministry of Health of Ukraine. The main objective of the program is an inventory support of the especially dangerous pathogens' consolidation within ICRL.