



University of Idaho Analytical Sciences Laboratory Chooses Sample Master® LIMS for Improved Data Management

Due to its powerful flexibility, Sample Master easily “fits” their laboratory.

Organization Profile

The University of Idaho Analytical Sciences Laboratory (ASL) is a full service laboratory that operates within the College of Agriculture and Life Sciences. Their staff of scientists, technicians, and support personnel is committed to providing the highest quality analytical and research services to universities, government agencies and contractors, non-profit organizations, the clinical veterinary community, and agricultural producers. Offering over 200 different tests, the laboratory analyzes approximately 20,000 samples each year for a broad spectrum of target compounds in a wide variety of matrices. Supporting the activities of university scientists, the Cooperative Extension System, veterinarians, as well as state and regional agencies, ASL has five analytical services: Water Quality, Soil Chemical and Physical Analyses, Plant Chemical Analyses, Environmental Monitoring and Veterinary Diagnostic Toxicology.

Their Challenge

ASL’s previous LIMS was outdated. It was based on a proprietary database, therefore the ability to expand and accommodate new and different analyses was limited. In addition to more flexibility, ASL was searching for a system that would provide better data and reporting. Their two core requirements when shopping for a new LIMS were A) reliability and B) that it could handle a wide variety of procedures yet not be so complicated that a full-time IT staff was required for implementation, support and maintenance.

Our Solution

ASL determined that Sample Master® LIMS met their requirements — and much more. Utilizing Microsoft SQL Server, Sample Master afforded ASL the ability to easily tailor the software to the specific terminology and sample flow of their laboratory. Thanks to its powerful flexibility, Sample Master easily “fits” their laboratory. With the ease and familiarity of point-and-click computing, Sample Master boasts feature-rich components such as an intuitive user interface, integrated calculations, automated email alerts, Master Query functionality, scheduling, and automated reporting. Users can easily modify screen captions to common terminology, run modifiable canned reports, as well as incorporate new screens, report forms, queries, menus, modules, and more. Leveraging open architecture and comprehensive automation for laboratories of any size, Sample Master accelerates accurate reporting, multiplies productivity, increases operational efficiency, and provides unparalleled data security. It is modular in design and affords laboratories flexibility to choose hardware and software specific to their needs, as well as support expansion as operations grow. The LIMS investment can be rapidly implemented and is backed by outstanding customer service, comprehensive training programs, and timely technical support.

University of Idaho
Analytical Sciences Laboratory
www.uidaho.edu/cals/analytical-sciences-laboratory
 Moscow, ID

“ Sample Master® LIMS is a great tool for our laboratory. It has allowed us to better track samples through the laboratory and provide data in a format that is more useful and valuable to our clients. ”

Janet Snow
 Laboratory Support Administrator,
 The University of Idaho Analytical Sciences Laboratory



Accelerated Technology Laboratories (ATL), headquartered in West End, NC, provides laboratory automation solutions to a variety of industries from analytical, environmental, food & beverage, water and wastewater, agriculture, cannabis, chemical, government, public health, biotechnology, clinical testing and manufacturing. ATL’s LIMS products are installed in over 600 laboratories around the world and supported by a steadfast commitment to excellence in product quality, support and training. ATL is one of the few LIMS providers that is ISO 9001:2015 certified. For additional information, visit: www.atlab.com.