LABSOLS CAL-LAB (LIMS SOFTWARE)

The Industry

Metrology and calibration laboratories faces wide array of challenges on day to day operations. The difficulty to increase compliance and effectiveness within this market is at an all time high.

The continuing evolution of quality requirements presents significant challenges for today's calibration laboratories. Where traceability was once the only basic requirement a calibration laboratory must adhere, there are now numerous accrediting bodies, quality programs, regulatory agencies and auditors to which the metrology community must satisfy.
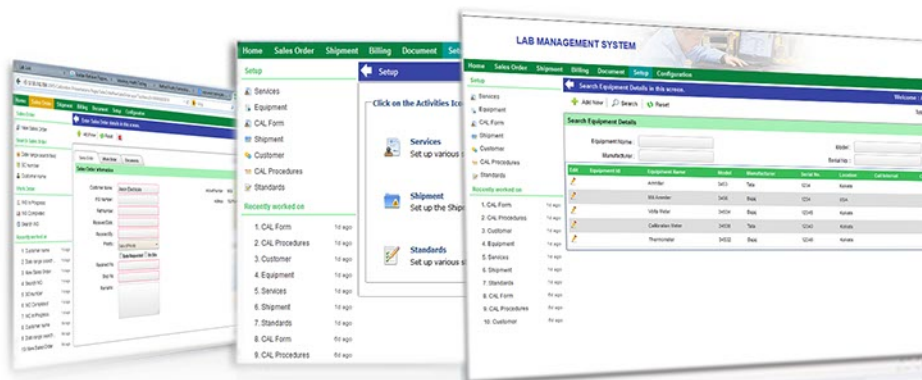
As technological breakthroughs become the norm rather than the exception, the very science of measurement becomes more demanding. Simple sets of measurements are no longer adequate; Measurement Uncertainties, Statistical Process Control and parametric data analysis are now requirements for many metrology customers.

The Challenge

How does the calibration lab cope with juggling so many expectations and remain both viable and profitable? How can the lab's processes address such varied disciplines, answering the needs of its clients, management, administration, calibration technicians, quality and engineering? What method can be used to effectively collect and store the calibration data for historical parametric data analysis? How can the calibration lab analyze measurement uncertainty in a practical and profitable manner? How to automate and above all traditional paper, manual and semi-automated tasks associated with the performance of routine calibration, complex instruments resulting error?

Add to this the corporate demands for more productivity and higher profits, and any calibration facility, no matter how competent, must now prepare to address the myriad of challenges for higher quality and increased productivity. This is the how one calibration laboratory identified and solved these challenging issues.

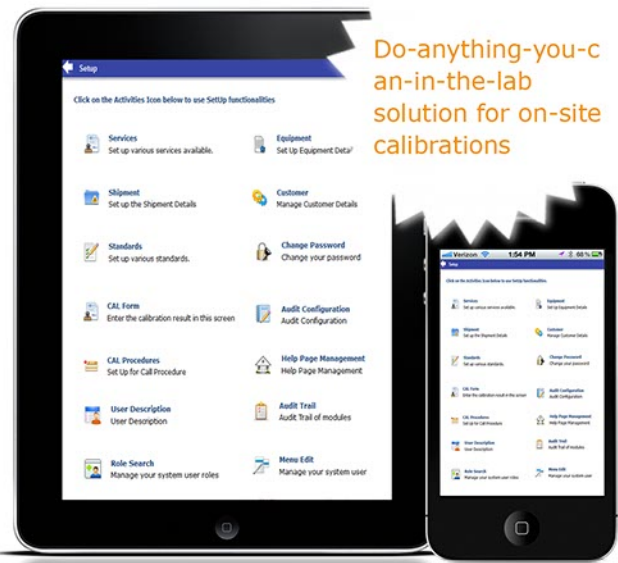*Give your calibration customers real-time access to their records*

LABSOLS CAL-LAB (LIMS SOFTWARE)

The Solution

Labsols introduced "CAL-LAB LIMS" software for calibration industry with intelligent calibration management add-on to customer facing portal and mobile version extension. It automates all traditional paper, manual and semi-automated tasks associated with the performance of routine calibration and maintenance workflows for simple and complex instruments.

CAL-LAB LIMS is a comprehensive web-based calibration solution that monitors the calibration process every step of the way, recording and logging to meet the quality requirements necessary for accreditation and certification. It understands the ins and outs of how a calibration lab should operate by recording every activity on every job so that your laboratory runs like clockwork.

CAL-LAB LIMS captures the complete business process of a calibration lab. It streamlines the laboratory into seven basic processes: receiving, lab, quality assurance, analytics, management, shipping and billing, all completely traceable and track able. It also automates many of the other key activities of reporting, documenting, issue logging and communication. Laboratories are able to reduce the administrative overhead surrounding instrument calibrations while increasing their confidence that data integrity will not be compromised by improperly calibrated instrumentation.

Do-anything-you-can-in-the-lab solution for on-site calibrations

The Insights

➤ Eliminating paper-based and manual activities from lab operation reducing errors.

➤ No skills required. User friendly and very easy to access in minutes.

➤ Manage calibration of all instruments with calibration history

➤ Manage sales order, quality assurance, shipment, billing, documentation of calibration jobs

➤ This gives flexibility for any kind of system to connect to our Application.

➤ Full data security, integrity and complete compliance including streamlined auditing process

➤ Quick, advanced reports to fit each client's specific needs at the push-of-a-button

➤ Automated notifications and scheduling of calibrations for fast complex deliverables

➤ Comes with integration of Customer facing portal and Lab Mobile Apps (in tablet version as well)