PROCESS SOLUTIONS

Partnerships in Cement

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Instrument Calibration & Maintenance System

Enhances Lab Equipment Management

Cement laboratories utilize a significant amount of equipment ranging from glassware to complex balances and X-ray spectrometers. Maintaining data about the suppliers, and maintenance and calibration of these items is a tedious and time-consuming task. Most instruments require regular calibration; as well, standards organizations often require the maintenance of instrument logs. Retaining equipment documentation and calibration instructions where they can be found and used indicates another common challenge.

The Instrument Calibration and Maintenance System (ICMS) helps with the complex task of managing laboratory equipment by providing a central data repository about each instrument, solution, or other type of equipment. ICMS in a single application keeps information such as:

- Equipment location
- Maintenance and calibration instructions
- Calibration schedule and history
- Supplier contact information
- Analyst responsible for calibration
- Solution preparation guides

When coupled with Process Solutions' Laboratory Data Management System (LDMS), ICMS adds considerably more benefit to your lab, because conversions and calibrations are automatically used for analysis and Analysts receive warning messages before an instrument requires calibration. As a stand-alone application, or a module in our lab data system, ICMS reduces documentation workload.

System Requirements

As a Stand-alone application, ICMS runs on Microsoft® 32 bit Windows™ environments.* Computer systems should meet minimum specifications for these operating systems. For network access, the database must reside on a shared network volume where users have read/write access. When integrated with LDMS, the ICMS database can also reside on either Microsoft SQL Server™ or Oracle™ servers.

Customer Assurance and Support

We work with you to design and/or customize your solution, and to install, implement and maintain the necessary hardware and software. Our Customer Care group can install on-site and provide full-time Help Desk support.

Most importantly, we aim to establish client partnerships for the long term. We develop on-going working relationships that will enable you to get the most from your existing solution(s), and at the same time help us to further develop our portfolio by understanding and satisfying your needs. We are continually updating and improving our core technologies. Relying on user feedback makes our software better suited to the cement industry, and all of our software is tailored to your individual requirements.

Cost & Delivery

As a stand–alone application, the Instrument Calibration and Maintenance System (ICMS) can be installed by the end-user. Distributed on CD-ROM with complete electronic documentation, each copy is customized with the customer's insignia. ICMS requires a single license per site. Install it on several workstations for easy access, and create multiple users for security. The price for this package includes configuration to specific site requirements, and our standard maintenance and support agreement for the first year. The price can also include training and installation of ICMS, if required.

If you would like to discuss an instrument calibration solution with us, please contact our Quality & Environmental Solutions Manager:

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* PSCL Windows applications are tested with current versions of Windows at time of release; however, we do not guarantee full functional compatibility with all Windows versions.

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