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Solutions...



LOGILAB CONNECTIVITY IN THE ANALYTICAL LABORATORY

“One of the biggest problems I have to solve this year is the change to electronic data capture, reporting and witnessing – of course all compliant!”

A value-added 5-star service from ALIS GmbH

- CAPTURE
- ANALYSE
- REPORT
- WITNESS
- SECURE
- ARCHIVE

- The Task** – Enable electronic communication and data capture between laboratory equipment and your reporting systems
- ★ – Generate a secure compliant electronic record on industry standard database architecture of all laboratory numerical data
 - ★ – Integrate the numerical data into workflow-oriented reporting spreadsheets
 - ★ – Include automated complex calculations within the spreadsheet reports
 - ★ – Attach and view spectra, chromatograms, hyphenated data, images etc.
 - ★ – Trigger balances and other networked systems, intelligently parsing the resulting data streams.

For details see overleaf...

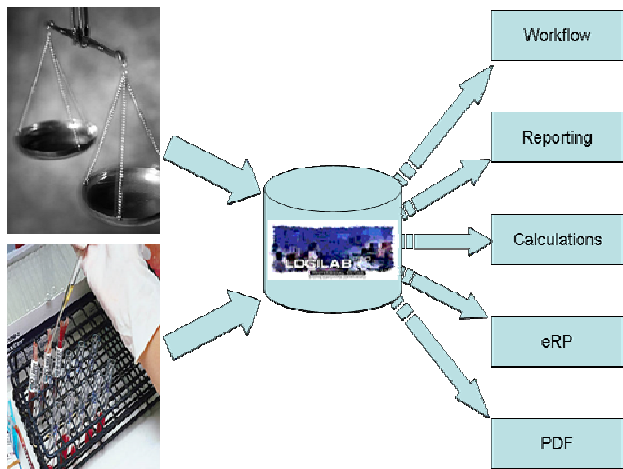
Please call for a free initial consultation

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INTERFACING

The goal of the LogiLab system is the electronic capture of laboratory instrument data from balances to chromatography data systems and spectrometers. The original core product consists of built-in parsers to extract data collected from any lab instrument serial output.



LogiLab^{PRO} has extended this functionality to cover networked devices and more complex laboratory systems with bi-directional communication between instruments and LIMS for example.

The backend is industry-standard Oracle® or Microsoft SQLServer® and LogiLab^{PRO} is fully 21 CFR Part 11 (Electronic Records and Signature) compliant-ready.

LOGILAB AS BASIC LIMS

LogiLab^{PRO} can be the initial building block for your new laboratory informatics environment. It has all the features of a basic LIMS such as Test (Sample) setup, Sample Login, Results entry (automatic, manual), Reporting and Archiving ensuring that all your data is securely stored in an industry standard compliant database.

INTEGRATION WITH LIMS

LogiLab^{PRO} is a key integrator seamlessly enhancing your current LIMS architecture. By taking advantage of advanced interfacing capabilities including the automatic transcription of data to eliminate transcription errors, delivering increased data integrity and authenticity, enhancing the management of multi-instrument data, increasing the throughput of your lab and improving the quality of their work.

For example, LogiLab^{PRO} can be configured to start with the elmpoort functions for your LIMS worklists, execute custom calculations on the captured data, validate your results including automatically warning of limit value breaches, followed by eExport of the extracted results back to LIMS.

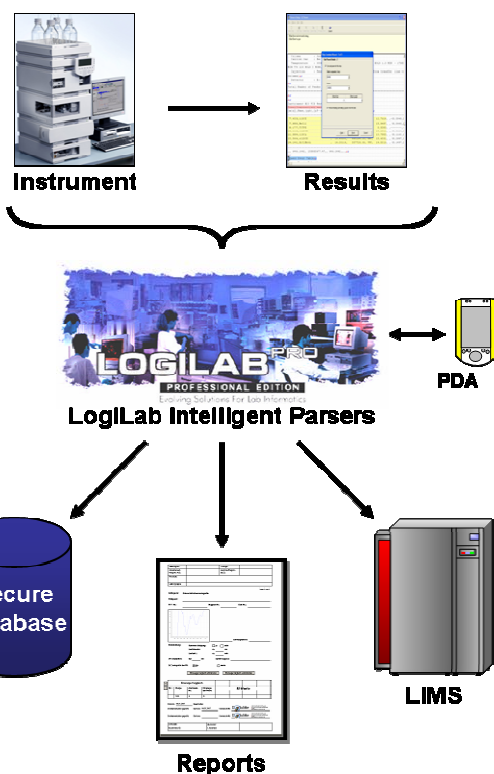
LOGILAB INTERFACES...

- Analyzers
 - Clinical, TOC, Auto analyzer, Nitrogen, Mercury
- Spectroscopy
 - UV, IR, Fluorescence, NMR, Mass, ICP, AAS
- Chromatography
 - HPLC, GC, CE
- Electrochemistry
 - Titrators, Ion meters
- Any lab instrument
 - Balance, density meter, pH, refractometer, particle sizer

LogiLab^{PRO} also features in-built data viewers for the widely used .SPC data format as well as the ASTM ANDI netCDF data format standards for chromatography and mass spectrometry.

WHO IS AGARAM?

Agaram was founded in 1957 to supply the scientific laboratory market and has been in the field of scientific software development since 1995. They serve the pharmaceutical, chemical, petrochemical and food industries in the areas of wet chemistry automation, chromatography and spectroscopy as well as working as an OEM and third-party software development organization. They are experienced LIMS and CDS interface providers and their products are 21 CFR part 11 compliant-ready. AGARAM boasts a global support.



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WE SPEAK YOUR LANGUAGE

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