

Logi-LAB SDMS



"CAPTURE, CATALOG, RETRIEVE, ARCHIVE & INTEGRATE"
INTEGRATED SCIENTIFIC DATA MANAGEMENT

INDUSTRIES

- | | |
|---------------------|---|
| Pharmaceutical < | > Oil & Gas |
| Drug Discovery < | > Environmental |
| Clinical Research < | > Contract Research Organizations (CRO) |
| Food & Beverage < | > Forensics |
| Chemicals < | > Agriculture |
| Metal and Mining < | > Bio-Banking |

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ABOUT LOGILAB SDMS

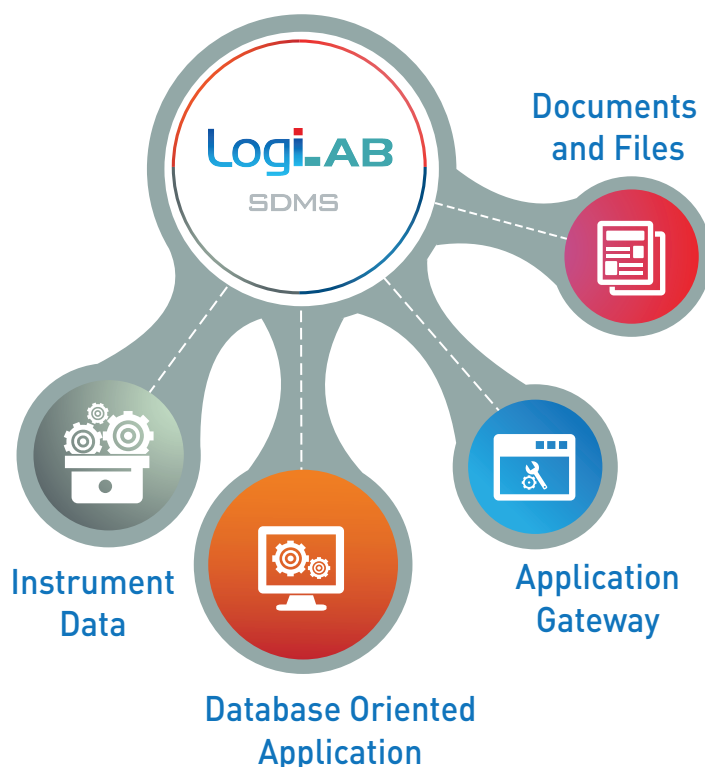
LogiLab SDMS is generic software designed to handle scientific instrument data from any analytical instrument and can facilitate data management with access control. System will perform scheduled data capture, cataloguing, archival and facilitate restoring data and has capabilities to extract data of interest from instrument output to be pushed to external systems like ELN, LIMS or ERP.

The data files captured are stored as flat files in a secure FTP file server as an encrypted file name. Data access and viewing is controlled through user rights providing data security. The meta-data like data source, date/time, file size, checksum and user entered tags along with parsed and extracted data is stored in the database.

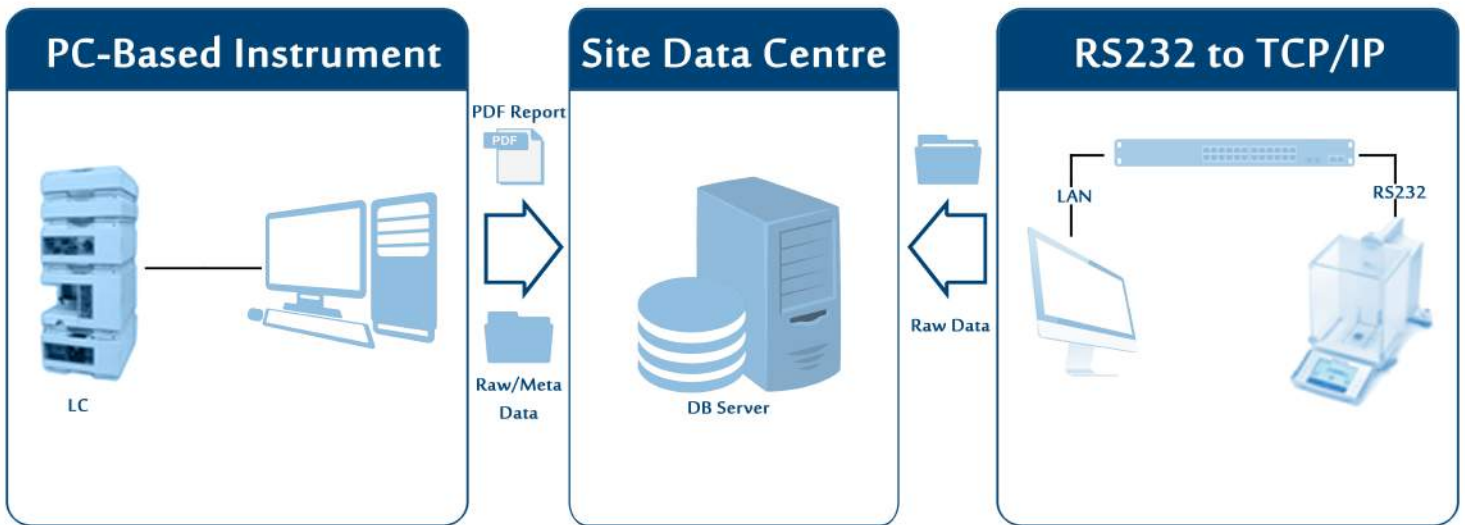
Full text indexing allows strong search facility ensures availability of required data instantaneously. Built-in integration tools allow you to integrate external systems as well.

Central Repository for all your Scientific Data & Content

LogiLab SDMS helps laboratories to capture and organise data in a central repository. Laboratory instruments generate raw and meta data which is a mandatory to be maintained in a controlled environment. LogiLab SDMS is independent of the instrument manufacturer and model. Instruments could be a standalone with RS232 or LAN port or pc-controlled instrument. Apart from the instrument output laboratories prepare and maintain a whole lot of documents. All these information can be stored and accessed from a central server based repository by implementing LogiLab SDMS.



LogiLab SDMS Architecture



Core Product Capabilities

- ✓ Automated Capture of raw data and meta-data generated by any analytical instrument
- ✓ Supports RS232, TCP/IP and PC-based instruments
- ✓ Independent of instrument type, manufacturer and model
- ✓ Secure FTP storage for storing the data.
- ✓ Easy backup, restore and archival of data
- ✓ User configurable scheduler based non-duplicating data capture
- ✓ Maintain original structure as you practice in local drive, i.e. no need to think about re-organizing your data in the server
- ✓ Secure archive with version control and de-duplication technology
- ✓ Easy explorer type of access & retrieval of data based on user roles and rights
- ✓ Search data, retrieve, restore any time
- ✓ Automatic parsing of files and extraction of meaningful content
- ✓ Export of data to external systems and integration with ELN/LIMS
- ✓ User, roles, groups and rights management
- ✓ Supports built-in and windows ADS based user authentication
- ✓ Audit Trail and Traceability
- ✓ Electronic records & electronic signature support for 21 CFR Part 11 compliance

Application Gateway (for CFR Compliance)

- ✓ Application gateway module helps labs to make "non-compliant" instruments to become compliant. The module provides user authentication and protects data generated by non-compliant instruments from modification or deletion.

Technology/Architecture

- ✓ Architecture: Service Oriented Architecture (SOA) & Data viewer clients
- ✓ OS: Windows (XP, Vista, Win 7, Win 8)
- ✓ Database: MS-SQL Server

Benefits

- ✓ Single to Multi-site repository for small to large organisations
- ✓ Single repository for all instrument & user generated data
- ✓ Comply with 21 CFR Part 11 requirements
- ✓ Manage Review & Approval workflows
- ✓ Seamlessly Integrate with any LIMS/ELN/ERP
- ✓ Regulated industries are mandated to maintain raw and meta data generated by their labs. LogiLab SDMS helps laboratories to achieve this business critical data management challenge.
- ✓ LogiLab SDMS can manage data across your organisation including synchronisation of multi-site data to a central repository.
- ✓ Data extracted from instrument output can be pushed to external systems like ELN, LIMS or ERP.









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Qualis LIMS

Qualis QMS

LogiLAB ELN

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