STARLIMS™

STARLIMS SCIENTIFIC DATA MANAGEMENT SYSTEM (SDMS)

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Laboratories today generate many types of documents. Documents are used to ensure the laboratory operates to standards through SOPs and Methods, and communicating results to customers through certificates of analysis. These documents need to be created, edited by team members, routed for approval, and put into effect and communicated to those impacted. This can be difficult and expensive to do manually, either through passing paper/sign-off sheets around, or by storing on department share drives.

Laboratories also generate data from HPLCs, GCs and many other instruments, which need to be brought into the LIMS. Manually rekeying this data can introduce errors, and takes time.

STARLIMS SDMS manages the documents and data generated by a laboratory. SDMS will automatically pick up and intelligently parse documents and data, mapping it to the appropriate location in the LIMS, route through a workflow for others to review, approve and enable it to be used in the system, whether to communicate laboratory results to customers, or put new SOPs into effect. Set it up once, and SDMS will work silently in the background managing your data and documents, ensuring your organization is in compliance and has the appropriate controls in place. Save money on printing and managing paper, save time and focus on getting your work done.

Abbott Informatics provides your laboratory with a seamless LIMS and SDMS solution to extract data from various file types such as PDF, MS Office, TXT, CSV and others. It also allows you to manage your laboratory documents such as standard operating procedures, certificates of analysis, product specifications, reports and raw instrument output files. Smart, seamless integration with our STARLIMS means you can get up and running with SDMS quickly and get your results out the door faster. It also means seamless upgrades because you are running a single integrated platform.

STARLIMS SDMS simplifies the process of getting data into your LIMS, which means you can focus on running your lab and not worry about getting the data where it needs to be.

Promote Collaboration

- Enable global users to access your lab documents using a standard Web browser regardless of its source or format.
- Capture and use information from unstructured documents, including keywords, tables and graphics.
- Store raw data using powerful archiving technology, so you can access the data from a centralized location and in its original format whenever you need it, even years later.
- Eliminate "lost data" across your organization using SDMS' powerful search capabilities to locate any record instantly, whenever and wherever you need it.
- Search by keyword, metadata and free text to find any record.

Be Efficient

- Reduce tedious, time consuming and error-prone manual data entry through powerful instrument integration.
- Save time and money by using the powerful file parser to automatically translate most instrument and document formats. Extract data from various electronic file types including PDF, MS Office, TXT, CSV and others.
- Store parsed data electronically, eliminating printing and transforming your lab into a paperless operation.
- Save time by letting SDMS monitor file system activity to import new data automatically.

Keep it Simple

- Build your own instrument integration without programming skills.
- Use built-in wizards and an intelligent engine to get suggestions to design the best parsing algorithm easily.

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Manage your Documents

- Reduce cycle review and approval time with automated workflow tools so you can get your results out the door faster with all the required approvals.
- Automate the creation, review and approval of your laboratory documents such as standard operating procedures, certificates of analysis, product specifications, reports and raw instrument output files throughout your organization.

Ensure Compliance

- Meet stringent regulatory requirements. Specifically designed to be 21 CFR Part 11 compliant, including record creation, audit trails, electronic signatures, data security and record storage in the original format.
- Use flexible retention and archiving policies with configurable approval and sign-off processes to meet your organizational policies.

Smart Seamless Integration

- SDMS is built into STARLIMS.
- A single solution for the entire enterprise: one vendor, one technology, one database, one support channel and one implementation team.
- Seamless upgrades for components of the unified platform.
- Entirely Web-based.
- Scalable performance with high availability.
- Enable you to search, view, edit, save, review, approve, check-in/ out parsed documents directly from within Microsoft Office products such as Outlook, Word, Excel and Power Point.

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