STARLIMS

STARLIMS Food and Beverage LIMS solution

Scalable web-based solution that will allow you to connect from virtually anywhere, with features to help you ensure data integrity, regulatory compliance and inspection readiness.

SCALABLE, WEB BASED, COMPLIANT

Whether a grower, manufacturer, supplier or distributor, STARLIMS Food & Beverage solution is a scalable web based solution that will allow you to connect from virtually anywhere with full 21 CFR Part 11 compliant capable features to ensure data integrity, regulatory compliance and inspection readiness. Consolidate sample data and documentation, produce CoA/ CCP for samples that meet specifications, handle FSMA, HACCP, HARPC, and GFSI compliance requirements and produce real time analysis of tested samples.

SECURE, RELIABLE, INTEGRATED

STARLIMS solution provides functionality that can help your industry to monitor and control the safety and quality of your raw materials, in process and finish goods testing; providing you a platform for the documentation of results and the management of information in a secure and reliable way.

STARLIMS Integrated Solution is the only product on the market to provide a completely integrated solution incorporating LIMS, LES, ELN, SDMS, Advanced Analytics and Mobility in a single application, eliminating the need to build and maintain custom interfaces to third party tools.

FOOD AND BEVERAGE LABORATORY MANAGEMENT

STARLIMS data management software includes powerful tools for comprehensive management of all lab processes: instrument management, inventory control, flexible calculations and data analysis tools, analytical batch & plate management, standards & reagents management, comprehensive audit trail/electronic signatures and more.

FOOD AND BEVERAGE

USA federal agencies are creating rigorous measurements to focus the Food and Beverages industries attention in prevention and accountability rather than correction. STARLIMS solution helps you to comply with Food Safety Modernization Act, USDA, and European regulations, and standards such as HACCP, HARPC, and GFSI.

COMPLY WITH STRINGENT REGULATORY REQUIREMENTS AND THE RAPID PACE OF REGULATION CHANGES

Update the recipes to fit with the new standards using STARLIMS flexible capabilities. STARLIMS configurability allows you to quickly perform the desired changes without the need for programming or complex configuration, handle different testing requirements and automate the sample collection, login, receiving, assignment, testing, result entry, approval, release and report generation process. The configurable nature of STARIMS allows you to handle virtually any laboratory process or workflow.

Food and Safety Modernization Act is requiring more transparency, including supplier component transparency STARLIMS Food & Beverage solution offers you:

- Ability to compare results, to ensure that raw materials, in process and finish products meet specifications.
- Visual flagging of results that are out of specification for quick response.
- Built–in features for complete traceability and regulatory compliance.
- Integrated electronic record management that produces a completely auditable track records of all laboratory resources taking part in a specific analysis (Scientists, instruments, standards and SOP's).
- Traceability information such as results, status, equipment records, analyst certifications, location, owner, actions performed, among others.
- Chain of custody support allowing traceability in the handling of laboratory materials.

STARLIMS LAB EXECUTION SYSTEM (LES)
EFFICIENT, ACCURATE AND COMPLIANT IN-LAB EXECUTION

Laboratory processes are nowadays still often documented on paper. Even in laboratories that have implemented software solutions like a LIMS, this sometimes happens because the software cannot be conveniently accessed on touchscreen devices that can easily be operated by the lab technicians without disrupting their daily routines.

With the STARLIMS LES (Laboratory Execution System), lab users can easily document their work at the moment they are executed (in-lab execution). This helps to ensure Standard Operation Procedures (SOP) compliance, improves efficiency, prevents transcription errors, and can make some otherwise required peer-review steps in GxP regulated environments unnecessary.
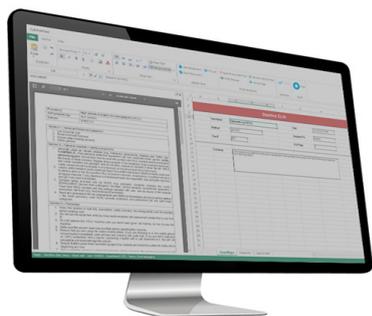
STARLIMS ELECTRONIC LAB NOTEBOOK (ELN)
BECOME PAPERLESS, STREAMLINED, HARMONIZED & PROMOTE COLLABORATION

Laboratory workflows today can be complex and include multiple steps. Your results are important, so each step should be documented, however, documenting in paper notebooks or in Excel files stored on department share drives can be inefficient and make it difficult to maintain compliance. It is challenging to share paper notebooks with colleagues in different locations and file stored on department shared drives can be difficult to maintain and search.

Our ELN is a powerful paper notebook replacement for your lab. Whether you are looking to capture interim result data in tables, create calculations on the fly using standard Excel formulas Excel formulas, add pictures and annotate, or include attachments, the Excel- like interface provides you with a flexible canvas to capture and store your data in a central, easy to search and share repository which maintains compliance with your organization's record retention rules. You can even see the method/SOP while you are executing the steps to ensure compliance.

STARLIMS ELN allows you to focus on getting your work done efficiently, and allows you to execute your test workflow without any interruptions.

STARLIMS SCIENTIFIC DATA MANAGEMENT SYSTEM (SDMS)
INFORMATION CENTRALIZED, READILY AVAILABLE AND SEARCHABLE

Laboratories today generate many types of documents. Documents are used to ensure the lab operates to standards through SOPs and methods, and to communicate 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 through passing paper/sign-off sheets around, or by storing on department share drives.

Labs also generate data from instruments such as HPLC, GC or Chemistry Analyzers, which need to be brought into the LIMS. Manually rekeying this data can introduce errors, and takes time. Our SDMS solution manages the documents and data generated by a lab. Whether to communicate lab results to customers, or put new SOPs into effect, SDMS will automatically pick up and intelligently parse documents and data, mapping it to an appropriate location in the LIMS, route through a workflow for others to review and approve and enable it to be used in the system. 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 and time on printing and managing paper and focus on getting your work done**.**

STARLIMS ADVANCED ANALYTICS
INFORMATION INTEGRATED FOR FAST DECISION-MAKING

Have a clear picture of your laboratories efficiencies, bottlenecks and trends. Laboratory managers are faced with many decisions today. It can be challenging and time consuming to gather data to make informed decisions. The great thing about the LIMS is that it stores large amounts of data about each day's lab activity. Analyzing this data, looking at trends and patterns over time can provide insights for root cause analysis, such as bottlenecks causing performance issues, identify opportunities for improvement. Laboratory Managers need data to make decisions and help build a business case for new resources. Put the power of STARLIMS Advanced Analytics to work to quickly provide you with the data you need to make effective decisions to run your lab.

STARLIMS MOBILE SOLUTION
CONNECT TO YOU LAB DATA FROM VIRTUALLY ANYWHERE WITH A SMARTPHONE OR TABLET

There are many functions and areas of operation both inside and outside of the lab. For example, you may be performing testing at workstations, perhaps in different rooms, or you may have samples that were collected outside the lab and sent in, and inventory may be stored in multiple locations. The challenge is that desktops and laptops may not be readily available everywhere you need to perform tasks. Sometimes you may need to use paper or other third-party solutions.

With our solution, you can use the mobile app available on an iOS or Android device to continue your work wherever you are. Whether you are in the lab, on the go or out of the lab collecting samples you are now free to continue your work regardless of the computing device you are using. There is no need to deal with paper, or other third-party solutions - STARLIMS Mobile Solution will automate your workflow.

STARLIMS REQUEST MANAGEMENT PORTAL

Manage your customers' requests for testing. STARLIMS Quality Manufacturing solution provides a single point for collaboration and exchange of information such as results and Certificate of Analysis (CoA). The Request Management Portal allows your customers to create and submit test requests directly to a Contract Lab (internal STARLIMS users) – submit material tests, approve, reject and request more information. Our Request Portal allows customers to track the progress of their requests at all times.

SAP S/4 HANA INTERFACE

We have certified STARLIMS Quality Manufacturing Solution with SAP S/4 HANA. The STARLIMS interface with SAP S/4 HANA is an extension of our existing interface with SAP QM-IDI and ESS. The interface allows the mapping and exchange of information between the two solutions.

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