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LIMS
EDITION



SciCord



The annual listing of 10 companies that are at the forefront of providing LIMS solutions and impacting the marketplace

SciCord

Streamlining Laboratory Data Management



David Strauss,
CEO

The digital age has ushered in a new era for laboratories worldwide, transforming traditional processes and replacing paper-based systems with advanced technological solutions. Laboratories today rely on an array of tools and technologies, including laboratory information management systems (LIMSs), laboratory execution systems (LESs), electronic batch records (EBRs), scientific data management systems (SDMSs), electronic lab notebooks (ELNs), and spreadsheets. These innovations have revolutionized data management, significantly enhancing efficiency and precision throughout laboratory workflows.

However, despite the undeniable benefits, these solutions often operate in isolation, lacking seamless integration. Many laboratories still grapple with complex, costly, and time-consuming custom coding and data table management as they expand their operations, posing challenges to maintaining compliance and efficiency.

To address these issues, there arises a critical need for a unified laboratory technology solution that effortlessly merges equipment, personnel, and processes within modern laboratories. Such a solution would ensure the proper security, integration, and compliance of all generated data, complete with a

comprehensive audit trail. This centralized infrastructure would also facilitate improved data analysis and decision-making by granting all teams access to a dependable and extensive data repository.

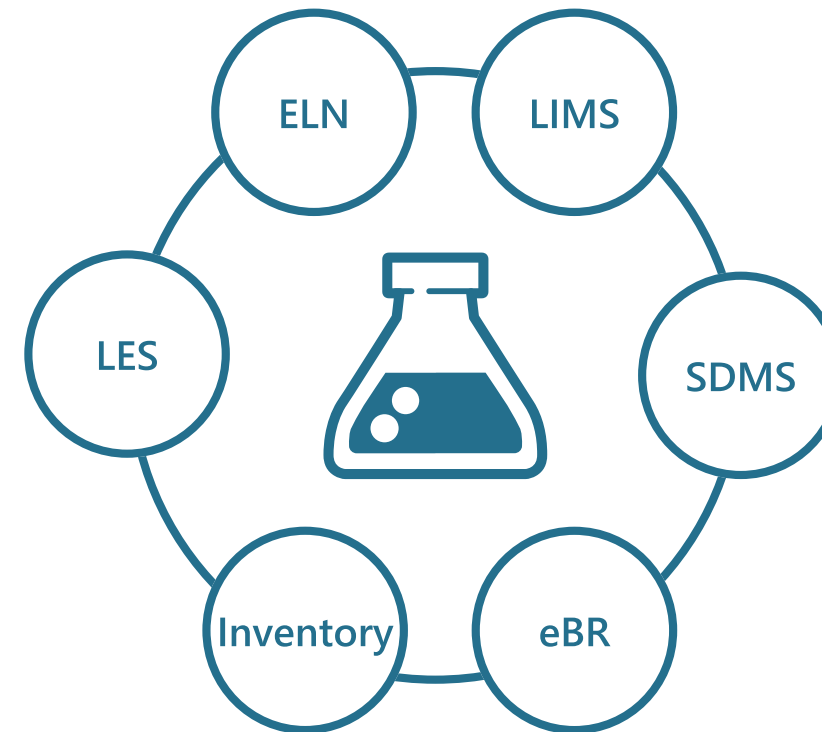
Enter SciCord, a company at the forefront of revolutionizing laboratory documentation. It specializes in developing, marketing, and supporting a cloud-based SaaS laboratory documentation solution known as the SciCord Informatics Platform, which plays a pivotal role in ensuring compliance across drug development, quality assurance, quality control, and manufacturing functions.

“Our SciCord Informatics Platform provides organizations with a comprehensive and compliant, solution which provides benefit out of the box and can be quickly configured to conform to your organization. By seamlessly integrating ELN, LIMS, SDMS, batch records, and everything in between, our platform guarantees accurate data capture while reducing costs, optimizing productivity, and alleviating the burden on IT resources,” says David Strauss, CEO and founder of SciCord.

SciCord distinguishes itself by harnessing the power of a low-code/no-code platform to overcome traditional challenges, using a unique spreadsheet paradigm that eliminates the need for complex coding. This intuitive interface accelerates implementation and streamlines administrative tasks. Integration with existing spreadsheets supports rapid implementation of workflows, calculations, and reporting processes.

The plug-and-play nature of SciCord’s spreadsheets enables continuous improvement, reducing the setup time required for implementations. Clients benefit from the flexibility to use Microsoft Excel as a versatile development environment for creating various processes. These processes can be customized with extensive formatting options, including specific data entry formats that require input in a prescribed manner. Users can easily create lists and perform calculations, leveraging the capability of applying conditional formatting to improve data visualization. Excel’s extensive functionality and user-friendly interface make it a favorite among scientists, contributing to streamlined tasks, better communications and efficient data organization.

Niche solutions for organization or process is another critical issue for organizations. Selecting niche solutions tailored to specific departments or users, results in a high cost of ownership. Upgrades to these niche applications or migrations



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to alternate vendors are time consuming and expensive. IT professionals should introduce platform solutions which can grow over time across the organization. This approach allows benefits to be captured for key functions/groups in the organization and then extending the solution to additional groups, increasing the total benefit.

SciCord’s platform stands out by offering comprehensiveness, encompassing features used throughout the development organization without the need for multiple niche solutions. It combines the flexibility required for early development with the structured processes essential for later-phase manufacturing and analysis.

“Compliance is at the core of our platform, assuring adherence to GxP regulations and guidelines. Our platform’s streamlined review and approval life cycle increases turnaround efficiency by a minimum of 30 percent. By offering validated work processes, IQ/OQ packages, and PQ drafting services, we effectively accelerate your time to value,” says Strauss.

The platform’s commitment to security and compliance guarantees regulatory approvals. The platform includes a visual history of all activities performed within a notebook or experiment. Additionally, the platform handles data management in the background and generates detailed reports.

One of SciCord’s notable success stories involves a client specializing in cell biobanking. Previously, this client allocated

specific rooms for each customer to prevent contamination between different customer products, but this approach had limitations in terms of room availability and turnaround times.

To address these challenges, SciCord implemented a comprehensive solution to track and monitor every aspect of the batch record. The solution allowed the client to successfully implement their process, enabling them to use the same room for multiple products without concerns about cross-contamination.

The SciCord Informatics Platform offers various features to enhance productivity, and accelerate time to value for businesses, with a customer-centric approach. Improved sample management, asset management, traceability, efficient data retrieval, and user-friendly interface are examples of functionalities which will provide a return on investment for your organization.

Developed for the pharmaceutical industry, the SciCord Informatics Platform includes a cutting-edge solution for laboratories developing inhaled products. The platform caters to research organizations, including biotech firms requiring a compliant documentation system from late Phase II clinical trials to the manufacturing process. SciCord’s software is highly scalable, making it suitable for global organizations and individual laboratories alike, solidifying its position as the industry leader in laboratory documentation systems. 