Achiever
medical
Make Every Sample Matter

Digitalise and connect your lab data, workflows, systems and teams with Achiever Medical LIMS to improve quality, efficiency, data security and traceability.

Why digitalise and connect your lab?

Labs are recording increasing volumes of data. However, issues with data quality due to duplication, incompleteness, inaccessibility, or inaccuracies, could be impacting the validity of your decisions and ultimately the success and reputation of your lab. Every decision you make in your lab, from presenting research outcomes, interpreting diagnostic results and improving SOP's, through to setting budgets and applying for funding, relies on the quality of your data.

Achiever Medical LIMS is trusted by clinical research labs, testing and diagnostics labs, global pharmaceuticals, biobanks, and NHS trusts to connect and manage their sample and lab processing data accurately and securely - from anywhere, any time.

Improve traceability with comprehensive sample lifecycle management

From initial sample receipt, through to storage, usage, aliquoting and depletion, whichever route a sample takes throughout its lifecycle, it's fully traceable within the LIMS. Each action conducted, using the sample, is dynamically audited, along with any meta data including consent, clinical data, sample attributes and storage details. Barcode generation and integration with barcode scanners facilitate data retrieval. In addition, comprehensive data searching, and querying tools enable you to locate data quickly and easily.

Improve efficiency by enforcing SOPs and good working practices

Achiever Medical LIMS' laboratory execution system (LES), guides your users step-by-step through your lab workflows, helping to streamline your lab processes and ensure critical data and notes are captured throughout the process.

With every action dynamically audited by the LIMS, you can reconstruct all activities conducted against each sample and evidence compliance.

Optimise resources through storage, equipment, and consumable tracking

Resources are expensive. Ensuring you're optimising your storage usage, tracking consumable stock levels to avoid delays or waste from over-ordering, and regularly maintaining your equipment to reduce breakdowns, can be difficult to manage.

Achiever Medical LIMS provides functionality to define and manage your resources, including a suite of interactive, real-time dashboards to track current and historical usage to highlight potential shortages and trends.
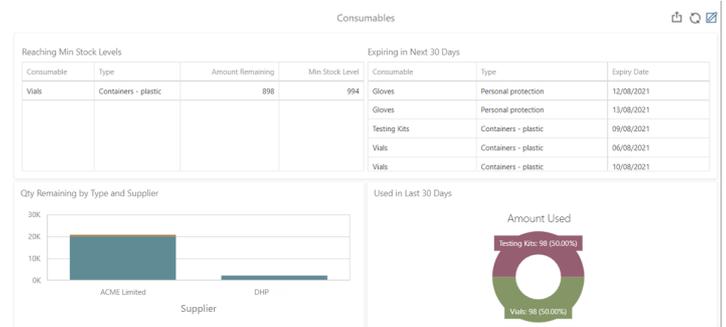
Increase data integrity by migrating data and connecting systems

The success of labs often depends on several stakeholders, partners, and suppliers.

Whether you receive a spreadsheet of data at the beginning of a study, or regularly send and receive data from other labs, instruments, barcode scanners, or equipment, manually entering data into systems can be time-consuming and error prone.

Using Achiever Medical LIMS's import tool, SOAP Web Services and RESTful API, you can securely transfer or view data that adheres to your data integrity and quality protocols. Saving you valuable time, eliminating paper-based systems, and reducing transcript errors.

Increase data security and system access through modern authentication

Achiever Medical LIMS helps you ensure users only have access to the menus, data, and workflows they need to carry out their jobs successfully. Supporting authentication through external identity providers including PINGFederate, Azure Active Directory and Active Directory, in addition to offering a sophisticated internal access policy, the LIMS gives you flexible, yet secure, options for managing system access.

Once the user has been authenticated in the system, the LIMS provides 'at rest' AES-256 encryption of Personally Identifiable Information (PII), Role Based Access Control (RBAC) and Attribute Based Access Control (ABAC) to safeguard your data further from unauthorised access.
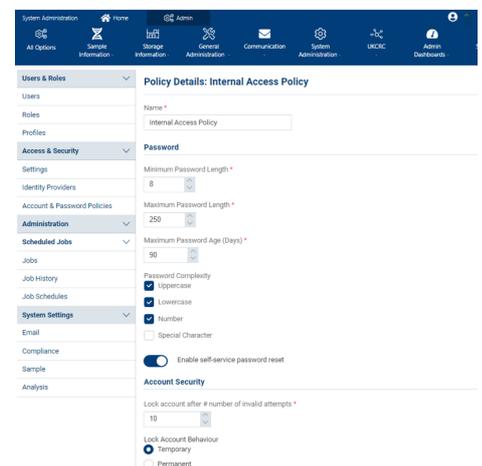
Improve quality and compliance through dynamic and proactive auditing

The importance of an audit trail cannot be understated. Reconstructing what has happened to a sample record can highlight:

· the quality of the original data
· training issues
· inaccurate calculations arising from the raw data
· potential tampering of results.

Achiever Medical LIMS dynamically audits each record update; creating a complete version of each record as it was at the point in time before each change is made. The LIMS' unique 'point-in-time viewing' feature enables quality assurance managers to forward and rewind each record to witness changes as they happen. Each change is recorded with the name of the logged in user and date and time. In addition, the LIMS' Quality Assurance feature enables you to select samples and storage randomly to audit. You can capture the results and manage any non-conformance using the Corrective and Preventative Actions (CAPA) functionality in the LIMS.
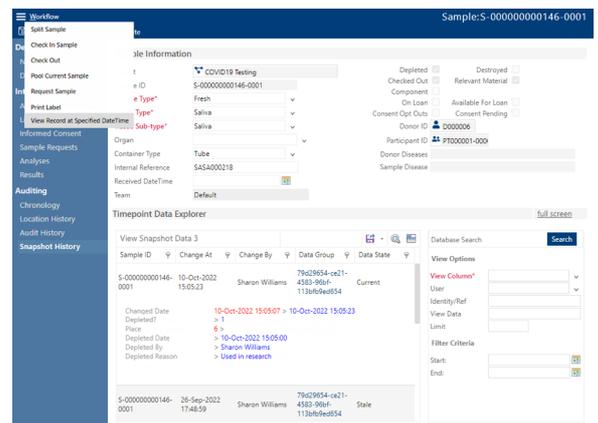
Digitalising and connecting your lab are part of a wider business strategy

Successfully digitalising and connecting your lab is not achieved through technology alone. Understanding your business goals and vision are essential to understanding what technology you need to help you meet these. Prioritisation and focusing on successfully delivering a few objectives at a time is critical for both user and management buy-in.

Our experienced business analysts recognise that lab digitalisation often involves significant changes in working practices, not just implementing a new system. To support your digital transformation, our business analysts work in close partnership with you and your team to understand your goals to deliver a LIMS that underpins your critical processes and operational effectiveness.

Learn more about Achiever Medical LIMS

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