

Benefits

- Increases lab productivity without hiring
- Significantly decreases turnaround time
- Reduces cost/sample
- Automatically captures detailed audit trail
- Prevents use of expired reagents or instruments under maintenance
- Reduces errors due to manual or duplicate data entry
- Integrates your lab—instruments, LIMS, expert systems—as well as inventory and storage
- Saves time and effort by managing workflow and worklists at every stage
- Ensures SOP conformance
- Frees your lab from vendor lock-in to select any hardware or software

For more information:

www.stacsdna.com/products-services/stacs-pm

STACS-PM for Personalized Medicine Laboratories

Sample tracking audit trail and lab management software for high-volume molecular and biochemical labs

STACS-PM is designed with and for scientists to deliver what your team needs to reduce turnaround time, meet quality standards and effectively manage your daily workload.

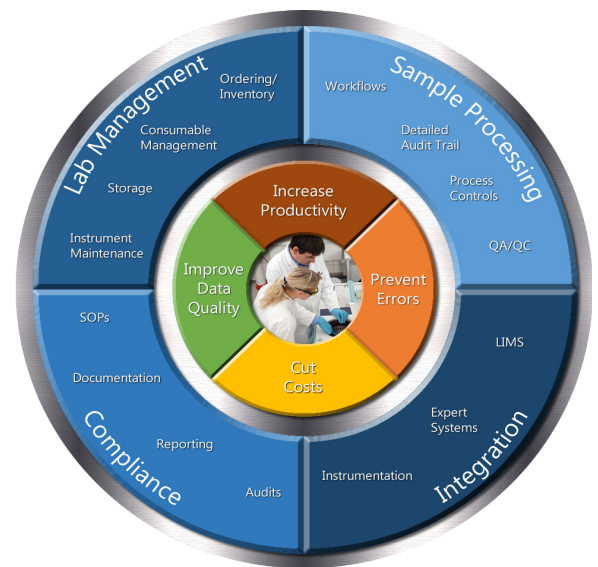
All the data you need about lab processing is in one centralized system.

STACS-PM automatically captures a detailed audit trail of all lab activities. In addition to tracking samples and batches, you can track users, consumables, instruments, cases, results, reports and grants.

Integrating with your current LIMS, instruments and expert systems—regardless of vendor—eliminates duplicate data entry and means you never need to generate any intermediate worksheets or documentation. DNA-specific workflows are built in and automatically generate worklists and sample sheets at every step to save time and effort.

STACS-PM enables you to maintain instruments, manage inventories, avoid using expired consumables, adhere to SOPs and troubleshoot problems—all streamlining your day-to-day processing.

STACS DNA has a track record of delivering commercial-off-the-shelf (COTS) software customized to meet the specific requirements of automated DNA laboratories of all sizes. Our software is proven to increase capacity (even with staff shortages), decrease turnaround times, cut costs, improve documentation, improve adherence to procedures, prevent errors and reduce risk.



About STACS DNA

STACS DNA helps labs meet performance and accountability expectations. We do this through sophisticated software that, based on your specific workflows, becomes the integrated hub of your automated molecular and biochemical sample processing.

The result? An unprecedented acceleration in the ability to process samples, leading to increased productivity, decreased costs and more effective patient care. Our customers also report reduced errors and improved data quality, resulting in smoother problem resolution and audits, and decreased use of paper.

STACS DNA brings more than 15 years of expertise working closely with the DNA community. We work with labs of all sizes.

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Sample Processing

- Manages the core of your laboratory's day-to-day work
- Saves time and effort using automatically-created worklists and sample sheets at every step
- Enables you to control profiles and rework samples and batches

Documentation/Audits

- Improves documentation quality, detail and standardization
- Automatically maintains a detailed audit trail showing who performed the work, what specific instruments and consumables (lot numbers) were used, when each step of the workflow was performed, where and how the work was performed (which SOPs were to be followed)

Integration

- Interfaces with instruments from any vendor – liquid handling robots and punch, CE and RT-PCR instruments
- Tracks and maintains all instruments in one system
- Interfaces with any LIMS or expert system to support your entire lab

Inventory, Order and Consumables Management

- Never run out of stock—view all consumables in one worklist and track the status of what is in use
- Manage and track ordering lists, place orders and report on consumption and costs
- Alerts you when to reorder
- Allows you to configure your laboratory processes and define your consumables in detail, including recipes

Standard Operating Procedure (SOP) Management

- Ensures SOP compliance
- Manages your SOP documents by date for past lookup

Calendar and Alerts

- Tracks instrument maintenance status, dates and documents, all in one place
- Tracks consumable expiry dates to reduce waste and processing errors

Reports

- Provides a comprehensive set of operational and management reports
- Allows you to specify a combination of criteria and ranges: date, workstation, user, consumable, instrument and activity
- Allows you to export reports in multiple formats
- Compatible with third-party reporting tools

Troubleshooting/Error Prevention

- Prohibits use of instruments that require maintenance
- Prohibits use of invalid consumable lots (expired, requiring QA/QC, rejected)
- Helps you spot trends and identify, fix and eliminate problems, saving hours or days
- Search sample/batch processing data by date, users, activities, lot numbers, consumables, plates or instruments

Profiles and Storage

- Detects cross contamination and compares sample profiles against defined control profiles and those on batch
- Manages profiles, provides values and enables uploads to external systems
- Defines locations and all actions related to storage

Security and Configuration

- Restricts access to information (using Role Based Access Control – RBAC)
- Maintains security and confidentiality
- Ensures lab staff has access to the information they need

Accreditation

- Contributes to labs meeting strict accreditation standards, including CAP 15189, CLEP, CLIA, FDA 21 CFR Part 11, GLP, ISO/IEC 17025 and OLA

Services

- Exceptional support with unlimited access via email, telephone and customer portal
- Requirements analysis, maintenance, support, configuration, customization and training