

## Benefits

- Automatically captures detailed audit trail and chain of custody
- 30-85% increase in lab processing capacity without hiring
- 83% faster turnaround time
- 40% lower cost/sample
- Prevents use of expired reagents and instruments under maintenance
- Reduces errors due to manual or duplicate data entry
- Integrates your lab—scientific instruments, LIMS and CODIS—as well as inventory and storage
- Saves time and effort by managing workflow and worklists at every stage
- Saves hours of work tracking grant activities
- Tracks sexual assault kit statistics
- Ensures SOP conformance
- Interfaces with any hardware or software
- Modular approach to give you the functionality you need, when you need it

For more information:

Product functionality:  
[www.stacsdna.com/stacs-cw](http://www.stacsdna.com/stacs-cw)

STACS-CW Feature Matrix:  
[www.stacsdna.com/stacs-cw-features](http://www.stacsdna.com/stacs-cw-features)

## STACS-CW For Casework Labs

### DNA sample tracking and lab management software used by labs across North America

STACS-CW 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.

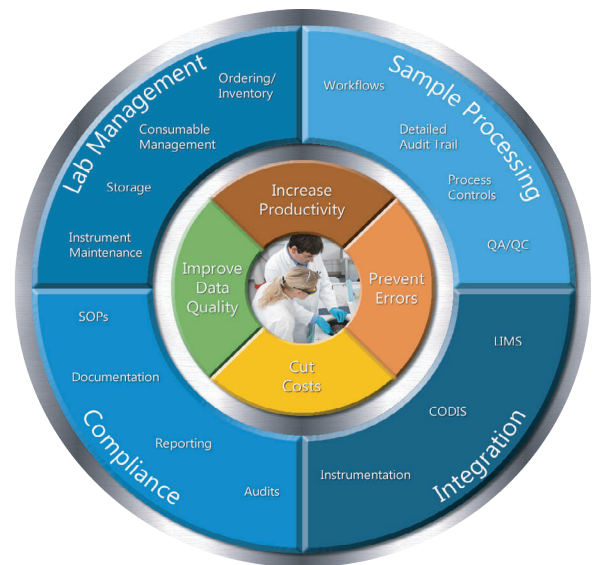
All the data you need about lab processing is in one centralized system.

STACS-CW automatically captures a detailed audit trail of all lab activities. In addition to tracking samples and batches, you can easily 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-CW 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 configured/customized to meet the specific requirements of automated DNA laboratories of all sizes. Our software is proven to increase productivity (even with staff shortages), decrease turnaround times, cut costs, improve documentation, improve adherence to procedures, prevent errors and reduce risk.



#### Two versions to meet your lab's needs:

**STACS-CW Enterprise:** For labs with single or multiple sites, high volume and high throughput that require integration and extensive capabilities.

**STACS-CW Standard:** Gives smaller labs everything you need for your day-to-day operations. Start with the base product and add the functionality you need over time from our value-added packages. Choose what you need, when you need it.

Note that implementing the STACS-CW Standard Base Product plus all three value-added packages provides the same functionality as STACS-CW Enterprise.

## About STACS DNA

STACS DNA helps DNA labs meet performance and accountability expectations. We do this through sophisticated software that, based on each customer's specific workflows, becomes the integrated hub of their automated DNA sample processing.

The result? An unprecedented acceleration in the ability to process DNA samples, leading to increased productivity, decreased costs, reduced backlogs and a faster time to justice. Our customers also report reduced errors and increased data quality, resulting in smoother problem resolution and audits, and decreased use of paper.

STACS DNA has been working with the DNA community since 2000. We work with forensic database and casework labs of all sizes.

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## STACS-CW Standard – Base Product

### Sample Processing

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

### Documentation/Audits

- Improves documentation quality, detail and standardization
- Delivers full auditability and traceability by automatically recording the custody, control, transfer, analysis and disposition of DNA results
- 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 (which SOPs were to be followed) the work was performed
- Automatically tracks employees, consumables and samples associated with grants
- Tracks sexual assault kits received and completed, turnaround time and CODIS entry

### Error Prevention

- Prohibits use of instruments that require maintenance
- Prohibits use of invalid consumable lots (expired, requiring QA/QC, rejected)

### Reports

- Provides a comprehensive set of more than a dozen operational and management reports
- Displays data by date, workstation, user, consumable, instrument and activity
- Exports reports in multiple formats
- Compatible with third-party reporting tools

### Security and Configuration

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

### Licensing and Services

- Unlimited support via email, telephone and customer portal
- Maintenance, support, customization and training

## STACS-CW Standard – Value-Added Packages

### 1. Standard Operating Procedure (SOP) Management & Planning Package

- SOP Management: Ensures SOP compliance and manages your SOP documents
- Instrument interface: Interfaces with instruments from any vendor
- External LIMS Interface: Interfaces with any LIMS or works standalone
- Calendar and Alerts: Tracks instrument maintenance and consumable expiries; calculates reorder dates
- Grant Tracking: Saves hours of work by automatically tracking grant-related data and statistics, making reporting easy
- DNA Lab Troubleshooter: Allows you to identify, fix and eliminate problems, saving you hours or days. Search by date, users, activities, lot numbers, consumables, plates or instruments to spot trends

### 2. Profile & Storage Package

- Profile Validation: Detects cross contamination and allows you to compare sample profiles against defined control profiles and those on batch
- Profile Actions: Manages profiles, provides values and enables uploads to CODIS, PopStats and YStats, saving time and reducing errors
- Storage Management: Defines locations and all actions related to storage

### 3. Inventory & Serology Package

- Inventory Management: Never run out of stock. View all consumables in one worklist and track the status of what is in use.
- Order Management: Manage and track your ordering lists, place orders and report on consumable consumption and costs. Alerts you when to reorder.
- Serology: Delivers data at your fingertips - quickly records serology results. Saves time and effort by automatically-creating worklists and sample sheets. Ensures adherence to SOPs and a faster and easier peer/tech review process.