

# STACSCasework

## Benefits

- Automatically captures detailed audit trail and chain of custody
- 30-85% increase in lab processing capacity with no hiring
- 83% faster turnaround time
- 40% lower cost/sample
- Prohibits use of consumables that have expired or not passed QC
- Prohibits use of instruments requiring 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

For more information:  
[www.stacsdna.com/stacs-casework](http://www.stacsdna.com/stacs-casework)

Get a customized report on increasing your lab's capacity:  
[www.stacsdna.com/lab-capacity-calculator](http://www.stacsdna.com/lab-capacity-calculator)

## STACS Casework For Crime Labs

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

STACS Casework is developed by and for scientists to deliver end-to-end sample tracking, documentation and control, giving your team the power to reduce turnaround time, meet quality standards and effectively manage your daily workload.

#### The hub that integrates your lab

STACS Casework is both robust and highly configurable to meet your lab's needs. All the capabilities you need for one or multiple labs is in one centralized system.

By integrating with your current instruments, LIMS and other systems—regardless of vendor—STACS Casework eliminates duplicate data entry and the need to generate any intermediate worksheets or documentation. Processing workflows automatically generate worklists and sample sheets at every step, saving time and effort.

#### Detailed audit trail

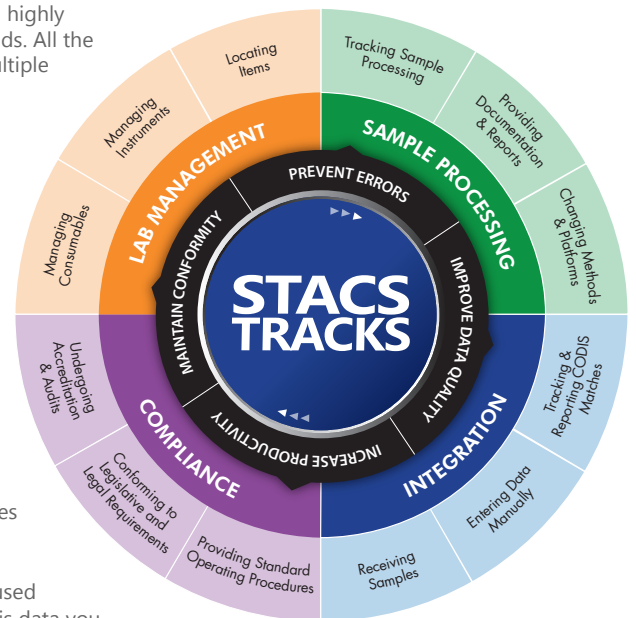
STACS Casework is your workflow assistant as it documents all activities performed in your laboratory. It tracks users, samples, batches and the consumables and instruments used throughout your workflow. From this data you can easily view results and generate reports. In addition, STACS Casework saves you hours of work reporting on grants by tracking employees, consumables and samples related to specific grants.

#### Prevent problems

With STACS Casework, you can manage consumable inventories, maintain instruments, adhere to SOPs and troubleshoot problems—streamlining both your day-to-day processing and lab management. By controlling when consumable lots are used, your lab can increase efficiency and save money. Process checks and validations prohibit use of consumables that have expired or not passed quality control checks, or the use of instruments under maintenance, helping you avoid errors and maintain quality standards.

#### The proven solution for forensic DNA labs

STACS DNA has a track record of delivering robust, highly configurable software for DNA laboratories of all sizes. Our software is proven to increase productivity (even with staff shortages), save time, save money, improve documentation, improve compliance, reduce errors and mitigate risk.



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## 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.

Since 2000, STACS DNA has worked closely with the DNA community. We work with forensic database and casework 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
- Enables you to control profiles and rework samples and batches
- Delivers data at your fingertips – quickly records processing results
- Ensures adherence to SOPs and a faster and easier peer/tech review process

### Audit Trail

- 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, which consumables (lot numbers) were used, when each step of the workflow was performed, where (which instrument) and how (which SOPs were to be followed) the work was performed
- Automatically tracks employees, consumables and samples associated with grants

### Profiles/CODIS

- Manages profiles, provides values and supports upload to CODIS, PopStats and YStats
- Tracks sexual assault kits received and completed, turnaround time and CODIS entry

### Error Prevention & Risk Mitigation

- Prohibits use of instruments that require maintenance
- Prohibits use of invalid consumable lots (expired, requiring QA/QC, rejected)
- Detects cross contamination and allows you to compare sample profiles against defined control profiles and those on batch
- Allows you to spot trends to identify, fix and eliminate problems; the DNA Lab Troubleshooter saves you hours or days, allowing you to search by date, users, activities, lot numbers, consumables, plates or instruments

### Integration

- Interfaces with any LIMS or works as a standalone product
- Interfaces with instruments from any vendor
- Bridges with Track-Kit to track sexual assault kits both in the lab and from collected across the city or state
- Bridges with STACS Database for database labs

### Compliance

- Ensures SOP compliance and manages your SOP documents
- Improves documentation quality, detail and standardization

### Lab Management

- Tracks instrument maintenance and consumable expiry
- Defines locations and all actions related to storage
- Allows you to view all consumables in one worklist and track the status of what is in use
- Enables you to manage and track your ordering lists, place orders and report on consumable consumption and costs
- Alerts you when to reorder consumables

### Reporting

- 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
- Saves hours of work by automatically tracking grant-related data and statistics, making reporting easy

### Security

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

### STACS Services

- On-site and webinar training
- Unlimited support via email, telephone and customer portal
- All product updates are available via maintenance
- Ensure a perfect fit with configuration and customization services