

Abetter Dactyloscopy



Expert system for your daily challenges

- ✓ Increases the efficiency of your working processes
- ✓ Improves the efficient use of time and staff
- ✓ Protects the quality of your data

Abetter Dactyloscopy is an evaluation and management software for dactyloscopic scientists. It enables processing and evaluation of fingerprints providing an interactive comparison module for fingerprint identification.

Comprehensive








From crime scene sample to final identification, Abetter Dactyloscopy covers the entire workflow of fingerprint analysis. This includes the validation of crime scene samples according to their usefulness, processing them by using graphic methods to the comparison of fingerprints and their final identification.

Interactive

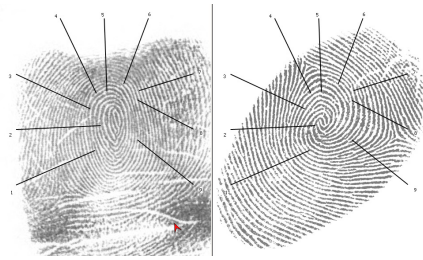
The comparison module and interactive graphic interface gives more leeway on processing fingerprints. Thereby it enables various editing options such as for drawing lines, labeling, zooming, transformation, image improvements and synchronization. You can read in biometric NIST fingerprint data as well as all standard image formats.

Established and Approved

Data security, consistent documentation and a complete audit trail of all activities take the strict demands on working with evidence into account. The program is successfully used in accredited forensic police labs and criminal offices in Germany.

-  Capture digital tracks
-  digitalize evidence objects
-  Rate digital tracks and document
-  Image editing
-  Comparison work
-  Interface to: INPOL, NIST-Files & AFIS
-  Creating reports and statistics

All-in-One










Marks

III Managing Complete Information

Abetter Dactyloscopy enables an intradepartmental management of cases, requests and exhibits including catalogs of offences, storage locations and localities. You can record, search, process and track all the data and evaluate working processes by creation of various reports, expertise and statistics. An automatic generation of reports improves the efficient use of time and staff.

III Interactive Comparision Module for Fingerprint Identification

In order to compare fingerprints such as of crime scene fingerprints with prints of suspects Abetter Dactyloscopy provides an interactive comparison module with various processing functionalities. For an optimal traceability of processing activities the software provides an extra audit trail of all editing changes.

-  **Import** You can read in all default image formats (*png, tif, bmp, jpg, gif*) as well as biometric NIST fingerprint data (ANSI/NIST-ITL 1-2000).
-  **Mark** In order to mark and label features of traces you can take marks and add text elements.
-  **Zoom** You can zoom into single pixels for a simple and precise labeling.
-  **Arrange** For an exact alignment of compared prints you can move, rotate, mirror and align fingerprints.
-  **Improve** To improve the display of images you can use special tools to adjust brightness or contrast as well as inverting image colors.
-  **Synchronize** Images can be synchronized, so that they can be edited both at once.
-  **Undo/Redo** All editing activities can be undone or redone again.



Visual comparison

III More Quality

Dealing with evidence demands to operate in a very careful manner. Therefore, a chronologic documentation of custody, transfer, analysis and disposition of evidence as well as data security is most crucial. On that account Abetter Dactyloscopy provides a complete audit trail. To guarantee full data security an integrated right concept enables to create user groups with different access rights such as reading, editing and deletion.

III Fits for Every Field

Use additional our cross-departmental case management system Abetter Case Management for a better communication with other departments. Other specific evaluation modules such as for lab management, evaluation of shoe prints and skid marks as well as management of DNA database hits can be coupled with Abetter Case Management.



Your Benefit

- **Data Import of NIST Files** from AFIS database
- **Connecting sanners** such as the flatbed scanner from Wolf Vision
- **Multi User Version** via client-server system with a shared database, designed for as many users as you like
- **Extensive Services** by Qualitytype GmbH such as support, training and customizations
- **Speed up** your analysis and documenation process

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III **More Information**
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