

Abetter Impression Evidence

Your expert solution for the analysis and management of technical form traces

Expert module of
Abetter Forensic Solution



Efficiently analyze, manage, and research trace evidence

With Abetter Impression Evidence, a specially developed expert solution supports you in the analysis of technical evidence marks such as tire impressions as well as shoe and glove marks. Based on characteristic features you can create an impression database with reference patterns in which you can quickly and accurately perform complex searches. Identify existing pattern relationships - even when including multiple operations or using images from the file system.

Characterize and manage

The central element of Abetter Impression Evidence is a database for managing reference patterns. Individual data sets can be created from general information about shoes, tires or gloves and their detailed descriptions by means of their characteristics. You can also optionally add images. The characteristics can be freely combined and arranged hierarchically. The patterns can be characterized by categories and features analogous to the „Johannisthal Catalog“.

Research and find

Using the pattern database, you can quickly and efficiently search for matches between tracks and reference patterns. A wide range of filter options allows you to perform complex searches. Search options can be linked with logical operators

and queries can be nested to any depth. Additionally you can use filters for pattern sorting of the hits.

Display and compare

Sifting through the sample images is the key to successful trace identification. With the integrated powerful image browser you can view the patterns in detail. And so individual tire, shoe and glove marks can be comfortably compared with reference patterns and feature relationships which makes the identification as quick and easy as possible. If a reference pattern matches a trace from the crime scene, you can link both entries for a final identification of the crime scene traces. The patterns themselves can also be used to establish connections to other evidence objects and thus generate new investigative leads.

Proven and safe

We understand the stringent requirements of working with evidence and ensure a high level of data security, end-to-end documentation and full traceability of all activities. An integrated rights concept guarantees you the best possible security. Abetter Impression Evidence is now successfully in use at three state criminal investigation departments.