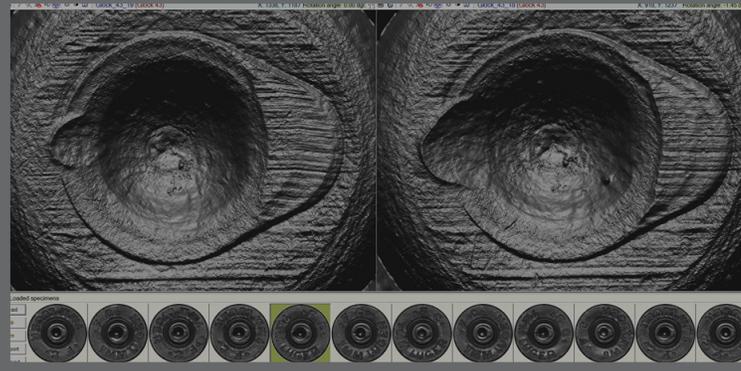


INTRODUCING EVOFINDER® AUTOMATED BALLISTIC IDENTIFICATION SYSTEM



Introducing Evofinder® Automated Ballistic Identification system, a scanning device which generates digital images of bullets and cartridge cases for examination, comparison, and correlative searches within existing databases. Evofinder®'s 4-motor mechanics provides high-quality recording of bullets, including heavily deformed ones, and allows the use of a universal cassette to mount and orient both types of samples in the scanning device. The Evofinder® incorporates a compact, light weight, and portable system design.

The Evofinder® configuration is based on three main integral parts, which are network-connected:

1. Specimen Analysis System (SAS)
2. Data Acquisition Stations (DAS)
3. Expert Workstations (EWS)

Built with advanced manufacturing sciences and modern computer technologies the Evofinder® provides:

- High quality images.
- Fast imaging processing.
- Highly effective correlated searches.
- Ability to examine and compare images directly.
- Streamlined interface.
- Easy usage.
- Robust design.
- Compact size and light weight for portability.
- Reasonable price.


LEEDS
FORENSIC SYSTEMS

EVOFINDER
Automated Ballistic Identification

EVOFINDER®

DATABASE ACQUISITION STATION (DAS)

Designed to digitally image sample surfaces, the DAS creates image files which are saved into the database.

The DAS is designed with a convenient detachable universal cassette for fixing samples under examination with simultaneous multi-directional illumination and autofocus to characterize the microscopic relief of sample characteristics for bullet and cartridge samples.

The DAS can image all existing handgun firearm samples up to a 20 mm caliber bullet, or up to a 22 mm diameter for cartridge cases.

Scanning of a 3D image of the side of a bullet (pristine bullet, caliber 9 mm), or the 3D bottom surface of a cartridge case (10 mm diameter) can be completed in less than 2 minutes.



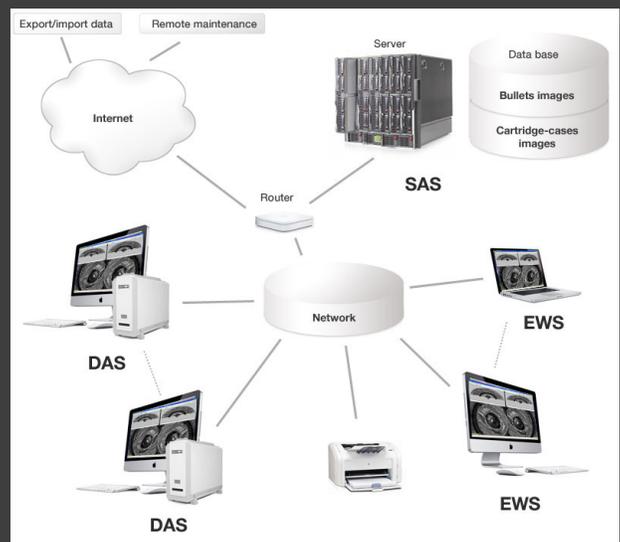
SPECIMEN ANALYSIS SYSTEM (SAS)

The SAS is designed to store hi-quality digital images, with their corresponding data, (provided from the DAS stations) and perform automatic matching of scanned sample images against sample images already in the database.

The SAS uses mathematical algorithms to compare existing digital images to determine possible matches, rank results of searches according to the degree of similarity, and allows obtained results to be reviewed with the DAS or the EWS.

The SAS is designed with automatic backup procedure to prevent data loss.

The SAS has been designed to allow future upgrade and expansion.



EXPERT WORKING STATION (EWS)

The EWS is a freestanding station which accesses the stored database in the SAS for purposes of executing database searches for correlated matches or sample examination of digital image files for direct comparison.

The EWS allows examiners the following features:

- Perform automatic matching functions of SAS to compare all specimens saved in the database.
- View, scale, rotate, shift, and overlap sample images.
- Change light direction.
- Measure distance, angle, and depth.
- Link identified objects and save this information into the database.
- Export and import specimens into files for exchanging with other systems.
- Generate and print reports.