

LACE FORENSIC SOLUTION

**UNBREAKABLE, RELIABLE
AND FAST FORENSIC
SOLUTIONS FOR CARVING,
PROCESSING, ANALYSING
AND MANAGING VISUAL
BIG DATA**



BLUEBEAR

WHAT IS LACE?

Court-ready reports are just a few mouse clicks away

LACE is no frills, rock solid, it doesn't crash. It requires no dongles and will process a million images in less than 2 hours on common Windows i7 hardware.

LACE enables investigators to efficiently categorize vast amounts of image and video data from confiscated computers, dramatically reducing (typical ~90% case reduction) the time and resources required to bring a case to court. Using advanced biometric analysis, faces found in images are automatically extracted and compiled to create lists of victims and suspects or matched against existing facial databases.

LACE comes in a client-server configuration that allows multiple investigators and analysts to work simultaneously from their own desk on their own cases. A unique Case Allocation capability allows multiple investigators to all work on the same case at the same time – especially useful for very large cases under time constraints.

LACE also provides advanced tools to help in the identification of victims, suspects, witnesses, crime scenes, and related cases. This includes the capability to automatically categorize images and videos, search for similar images, detect, extract, and match faces. After case processing is completed, court-ready reports are just a few mouse clicks away. LACE additionally offers a secure means for cross jurisdiction collaboration between police services worldwide.

CONTACT US FOR MORE DETAILS

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WHAT LACE DOES

Reduced Stress

LACE Uses a police oriented workflow and polished graphical user interface to reduce investigator workload by processing more cases in less time and with significantly reduced stress.

- › Simple, efficient methods of carving image and video files from any computer media
- › An intuitive graphical interface for promptly reviewing image and video files
- › Image matching and de-duplication of strictly identical images and matching against a reference database using hash values. (MD5 & SHA1)
- › Visual matching and de-duplication of images and videos visually identical but with different hash signatures allowing matches to be made to images and videos that have been: cropped, rotated, watermarked, eyes covered, faces covered, stretched, colors changed (B&W, Sepia, etc.), thumbnailed, format changed (JPEG vs. TIFF vs. PNG, vs. GIF, etc.), resolution changed, and damaged files (partially deleted or downloaded, forensically recovered)
- › A dramatic reduction (80 to 95%) in the number of media-evidence files that require manual review
- › Compatibility with existing forensic software like Belkasoft, Cellebrite, Xways, Encase, and FTK
- › A reduction in investigator stress levels
- › A reduction in case analysis time, by a factor of ten or more
- › A reduction in court trial preparation
- › A means to identify victims
- › Allows direct imports and exports to/from a number of national and international images/videos databases including Interpol ICSE, Project Vic (USA), UK-CAID, Project Vic Canada and many others