

iCatch

iCatch is an image comparison tool which is unlike anything you have seen before. It is faster, more capable and designed specifically for the forensic environment.

Features:-

- Image database
- Most popular graphic formats
- Single user
- Multi-user
- Demo software available



What does iCatch do? It compares images against information in a database to locate similar images. The result is for the first time you have in your hands the potential to locate significant images on a subject hard drive without spending hours examining thumbnail pictures, trying to separate the "wheat" from the "chaff".

iCatch has the capability to do a great deal of this separation for you, automatically and without human guidance. The results of the comparison are displayed in a ranked list with the most similar images at the top. This list can be very large - we have run tests with over 100,000 images in a single run against a database of more than 500,000 images.

iCatch uses unique techniques to search the database such that it is possible to have extremely large databases and still perform very quickly. Other image comparison software begins to degrade when the number of images being compared against increases.

How would you use this? Assuming you have a collection of pictures of fur coats and you are trying to establish if a hard drive contains pictures of similar coats involved in illegal activities. If there are a few hundred images on the subject hard drive, this is a reasonable task for a person. When there are 30,000 digital photographs on the hard drive in no apparent organisation this becomes a significant task. With iCatch it takes about 2 minutes to set up and can then run unattended until it finishes. With appropriate hardware, iCatch can process 40,000 images per hour or more.

There are other types of image-related cases that this tool can be even more valuable for. iCatch supports .ART, .BMP, .GIF, .JPEG, .PNG and .TIFF as well as raw camera files from over 125 different digital cameras. iCatch automatically processes images that are in ZIP archives.

iCatch includes the ability to export image information (but not the images themselves) from its database. This can then be uploaded to a Shared Database Server and updates to your database downloaded. The advantage of this is a mechanism for sharing image comparison data between organisations without the need for sharing the actual images themselves. iCatch maintains full tracking information in the database when additional information about an image is required.

Data
Duplication Ltd

4 Station Approach, Wendover, Bucks HP22 6BN
Tel: 01296 621121 Fax: 01296 621125
e-mail: info@dataduplication.co.uk
www.dataduplication.co.uk