

FTK® 3: Explicit Image Detection



AccessData®



Bringing state-of-the-art image analysis capabilities to Forensic Toolkit® 3 users...

With ever-increasing volumes of digital image data, how do you quickly find the visual evidence that is relevant to your investigation? Explicit image detection (ID) functionality is now integrated into FTK 3 and is available to FTK customers as an add-on capability, allowing customers to automatically identify pornographic images.

The image detection technology not only looks for flesh tone colors, but it has been trained on a library of approximately 30,000 actual pornographic images. So it is assessing actual visual content. This capability greatly benefits

investigators who are working pornography cases, particularly those investigators working cases that involve children. These types of cases sadly have inundated law enforcement agencies throughout the country, and this capability increases the speed with which investigators can handle those cases.

AccessData will continue to integrate more advanced image search and analysis functionality into FTK. Customers who have added the explicit ID option to their Forensic Toolkit® license and are current on their SMS will automatically receive those new capabilities as they become available.

During processing, choose from 4 different options, all of which are shown below.

Images are automatically scored from 0 to 100 on their potential to be pornographic.

| Name | Explicit level (default) | Explicit level (fast) | Explicit level (zero false negatives) | Explicit level (zero false positives) |
|---------------------|--------------------------|-----------------------|---------------------------------------|---------------------------------------|
| 04.jpg | 0 | 99 | 99 | 0 |
| 2763.jpg | 0 | 93 | 93 | 0 |
| asian_hard1806.jpg | 93 | 99 | 99 | 93 |
| bik4687.jpg | 99 | 99 | 99 | 99 |
| centerfold001.jpg | 0 | 99 | 99 | 0 |
| cot2.jpg | 56 | 99 | 99 | 56 |
| d2445.jpg | 0 | 99 | 99 | 0 |
| des456375c52.jpg | 0 | 99 | 99 | 0 |
| fg_ashleybond4.jpg | 99 | 99 | 99 | 99 |
| group1.jpg | 1 | 99 | 99 | 1 |
| landd2503.jpg | 11 | 99 | 99 | 11 |
| lat12p.jpg | 0 | 99 | 99 | 0 |
| veg99f5.jpg | 11 | 99 | 99 | 11 |
| IMG00229 - Copy.jpg | 63 | 97 | 97 | 63 |
| IMG00229.inn | 63 | 97 | 97 | 63 |