

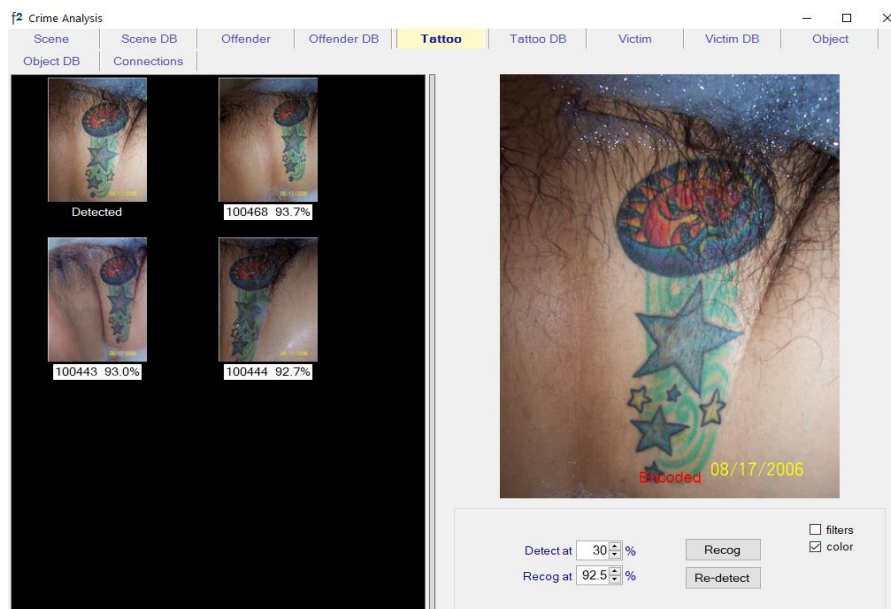


# Face Forensics Inc.

## Tattoo (SMT) Recognition

Face Forensics (f2) is highly advanced recognition software developed over the last 20 years to match faces, partial faces, corpses, tattoos, and scenes. The tattoo module has been developed in response to demand from the law enforcement community to identify scars, marks, and tattoos, including when they're partially obscured, for example by clothing.

The following example shows the results (on the left) of matching a specific “probe” image (on the right) against a database of over 5700 tattoos. The top matches displayed on the left include the name or record-ID of the person associated with it, and an indication of the closeness of the match.

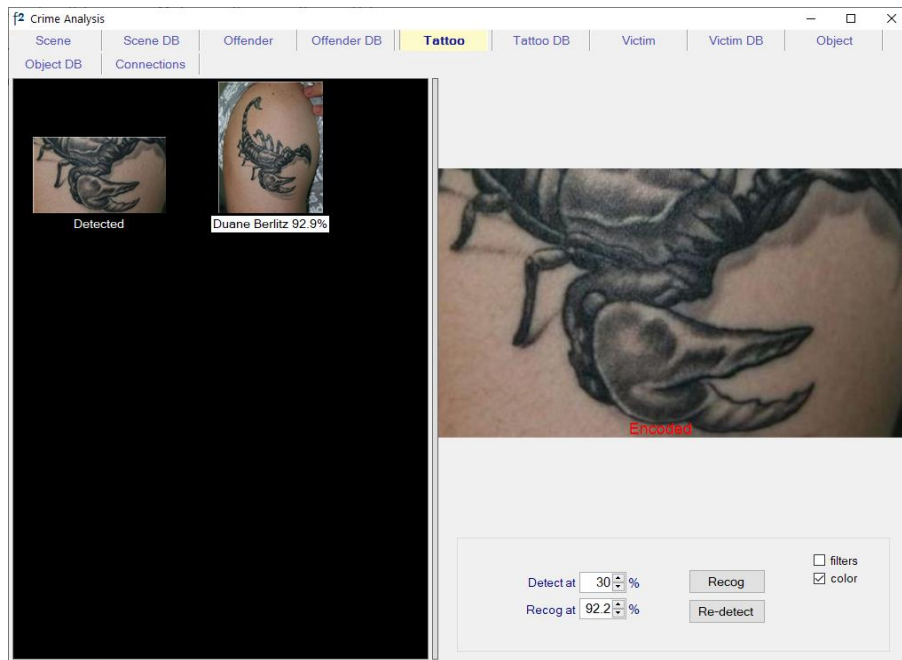


f2 finding the three matching shots of a tattoo in a 5700-tattoo database

### Features:

- Matches complete tattoos and also those partially obscured, e.g. by clothing
- Accesses images in existing external databases in read-only mode. It doesn't store images itself unless set up to do so
- Links a matched image back to its associated face and details in the original database
- Text (if included in the original record) can be used to filter out non-relevant matches

- Automatic enrollment of all images in a database. No limit to database size
- Import and automatic enrollment of images in a folder
- Automatic detection and enrollment of new images added to an external database
- Probe and database images can match at up to 45° rotational difference
- Searches any database of enrolled images on a VPN under appropriate controls
- Side-by-side comparison of “probe” image and potential match for visual inspection, including magnification
- Straightforward to install and use



The visible part of a tattoo, partially obscured by a sleeve, being matched against a 5700-tattoo database

f2 is available as a stand-alone/networked application, as a .Net SDK, and as a web service. It runs under Windows 10 in 64-bits, and connects easily to images in existing industry-standard databases including SQL Server, Oracle, and DB2.

f2 is downloadable for evaluation for 30 days at no charge, with full support.

Based in British Columbia, Canada, the Face Forensics team has over 20 years' experience in developing image recognition technology and implementing major systems, including the development of ChildBase, one of the largest image recognition systems in the world for UK law enforcement, which earned the International Law Enforcement Cybercrime Award.

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