AFIX FACE

Automated accurate face identification

AFIX Face is Maxar’s dedicated facial recognition software powered by Rank One Computing algorithms for federal, state and local law enforcement agencies searching databases from a few thousand up to millions of records.

The collaborative result of two biometric product development leaders, AFIX Face provides top-tier accuracy and industry-leading efficiency for both constrained and unconstrained images as assessed by the National Institute of Standards & Technology (NIST) Facial Recognition Vendor Test.

Affordable, upgradeable, and standards-based

AFIX Face is available as software ready to be installed on your existing computer or as a complete turn-key system utilizing off-the-shelf Windows hardware. AFIX Face allows users to rapidly add images to the system from a variety of image sources including surveillance cameras, CCTV/video frame-grabs or downloads from social media sources.

One AFIX Face system can provide face matching capabilities to multiple client workstations. Users can specify the maximum number of candidates, minimum threshold similarity score and specific data to search within the database. AFIX Face includes software, support and training in system operation. System hardware and training in facial identification techniques are also optionally available.

Features and benefits

» Fully NIST/EFTS-compliant automated facial identification system.
» Simplified import options for existing data or additions to bases on-the-fly.
» Automatically conduct reverse searches of all new known records against unknown faces.
» Utilize AFIX Remote Search to collaborate with other agencies and conduct searches of remote AFIX facial databases.

ROC facial ID algorithms

» Amongst the world leaders in accurate facial recognition algorithms, as measured by the National Institute of Standards and Technology (NIST).
» Industry-leading image-to-template generation and speed.
» Optimized for unconstrained face imagery.
» Process faces that are low-resolution, occluded, off-pose, poorly lit or feature a unique expression.
» Small face template size that saves hardware resources.
» Developed using convolutional neural networks and deep learning frameworks for improved face matching capability.
» Used throughout the Department of Defense.

AFIX SALES AND SUPPORT

+1.620.232.6420
Toll Free: 877.438.2349
Web: afixbiometrics.com
Email: afix_info@maxar.com
Address: 205 N. Walnut, Pittsburg, KS 66762

maxar.com