



**TacID Workstation** is drag-and-drop software for face matching based on a state-of-the-art facial recognition algorithm developed for use on constrained and unconstrained face images. TacID Workstation users can easily drag-and-drop probe images to get match results in seconds even with databases as large as 50 million faces. The user can specify the maximum number of candidates, minimum threshold similarity score and specific data to search within the database. Match candidates are displayed in order of decreasing similarity with similarity scores and a button for accessing relevant records. When satisfied, the user can press a button to generate a PDF match report that includes the original image, the probe face, a selected candidate match with the associated record, and relevant metadata.

## FEATURES & BENEFITS

- Client-Server system capable of operating with or without a network connection
- Scalable: Multiple workstations, one server
- Can be hosted on a local server or in the cloud and accessible using a thick client or web client
- Easy to configure
- Secure by default
- User-friendly, powerful features
- Multi-face results ordered by size
- Easy to import existing data or add to databases on-the-fly
- Users can drag-and-drop probe images and obtain match results on databases as large as 50M faces in seconds
- Ability to search on metadata, filtering results based on record values or database
- Server supports log tracking and auditing of each face matching episode, enabling a system administrator to view each match just as the user did
- Capability to generate preliminary and detailed match reports in HTML or PDF format

- Supports interactive and batch enrollment including any type of record metadata
- State-of-the-art face matching algorithm robust to variations in resolution, illumination, pose, expression, occlusion, and background

## SOLUTIONS

TacID Workstation is an application for commercial-off-the-shelf Windows and Linux systems. The application allows operators to rapidly add individuals to the system and produce gallery results using a standard client/server architecture. The architecture allows one server to provide face matching to multiple client workstations.