FACIAL RECOGNITION
Biometrics continue to advance and offers a high degree of identification accuracy. Facial recognition biometrics provide a contactless mechanism for individual identify to be confirmed.

Our Facial recognition solutions utilize face detection that is used to detect faces in an image, verify faces against a repository and detect emotions.

**Face Tracking**
In certain situations, after detecting a face, it is necessary to track the face movements. Common examples of this involve tracking when an individual is observing a marketing display or tracking when an individual is looking at a digital device or looking away from it.
Key Features and Benefits

- **FACE DETECTION IN AN IMAGE**: Perceive the faces and attributes in an image. Detect attributes such as age, emotion, gender pose, facial hair and other features. Also group similar faces in images.

- **FACE VERIFICATION**: Match a face against those securely stored in a repository.

- **PERCEIVED EMOTION RECOGNITION**: Detect a range of facial expressions, such as happiness, fear and anger.

- **FACE COMPARISON**: Using a confidence score, check the likelihood that two faces belong to the same person.
In the expanding world of unmanned aerial vehicles (UAV), security and surveillance continue to be of interest. The ability of drones to provide aerial assessment of activities on the ground make it a much more effective tool than terrain surveillance – which is slower and more costly.

**AI and Drone Data**
Drones can collect a tremendous amount of aerial data. Using our visualization dashboards, this data can be consolidated into actionable insights.

Using computer vision, drone data can be analyzed for facial recognition and object identification. This information can in turn be utilized for security purposes or to identify potential maintenance needs of an airfield, city infrastructure or field.

**Experienced Pilots**
We offer a fleet of drones that provide services for our client. Our drones are flown by experienced Department of Defense air specialists or commercial pilots with 20,000 or more hours flight time. We can also provide drone hardware upon request.
About Vidoori

Vidoori, Inc. is a consulting firm that provides high quality information technology services and products to solve business and technical problems for commercial and international clients along with the U.S. Federal Government.

The Vidoori approach utilizes an unyielding focus on achieving measurable results, reducing cost and introducing innovative solutions that use industry best practices.

For an initial assessment regarding how Vidoori integration and test solutions can support your organization, please contact a member of the Vidoori Software Development team.

Send an email to BusinessDevelopment@Vidoori.com.

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