

# visage|SDK FaceRecognition

FaceRecognition is a robust and scalable face recognition solution that provides quick and accurate results for surveillance, identification and identity verification.

FaceRecognition measures the similarity between faces and finds the best match. It can help you protect your data, get closer to your target audience or simply improve the user experience of your clients.

Our face recognition is **based on face descriptors**. All biometric templates are mathematical representations of users' faces, which means that biometric and personal information is strictly separated. This way of data handling ensures the highest level of privacy, even when dealing with extremely sensitive data. The system calculates the similarity between the input face descriptor and all face descriptors previously stored in a gallery. The goal is to find the face(s) from the gallery that are the most similar to the input face.


FaceRecognition is **available on all major platforms and embedded systems**, including Windows, OS X, RedHat, Ubuntu, Android, iOS, HTML5, Xilinx and Raspberry Pi. Other platforms are available per request.

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## Main features

- Online and offline usage
- High accuracy and robustness
- No personal information such as photos or names is stored or processed, ensuring the highest level of privacy, even when dealing with highly sensitive data
- Lightweight technology enables high performance across a whole range of [supported platforms](#)
- A detailed Technical Specification brochure is available, including measurements of accuracy, performance, code size, data size and memory usage ([contact us](#) to access the brochure)

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 Visage Technologies [consulting and custom development services](#) are available to adapt the technology in terms of precision, performance and any other requirements in order to meet the needs of specific applications.