



**FACE RECOGNITION
WHO ARE YOU...?**



TECH SPEAKS – BRIEF

A human face is not only used for social interactions but also utilized to unlock various devices. A person is now no longer required to remember passwords that can be easily forgotten, lost or stolen. In fact, as technology advances, facial recognition system is getting more potential in various industries ranging from Enterprises, Hospitals, Law enforcement, Retail, Hospitality to Marketing.

WavesysGlobal



Security being key everywhere and for everything from attendance marking to mobile phone locking, upgrading to Facial Recognition has become a business necessity

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With the advancement of technology and life, the old system of identifying someone by the familiarity of the face or using signatures in formal setups are almost outdated now. Cards and keys are still functional. But with the google generation began the whirlwind of keys, passwords, and other technological advancements. One such development was Facial Recognition (FR)- very niche then and common now.

One such advancement is Facial Recognition (FR)- an aspect that was very niche then and very common now. Facial recognition is a biometric solution that uses facial features to authenticate a person. Some more recent and developed FR algorithms also make use of Neural Networks (NN) that are more accurate than the facial feature solutions as they work even with partial faces (mask covered), varied hairstyles, glasses, makeup, etc. It is for any business to decide if they prefer regular facial feature scanning

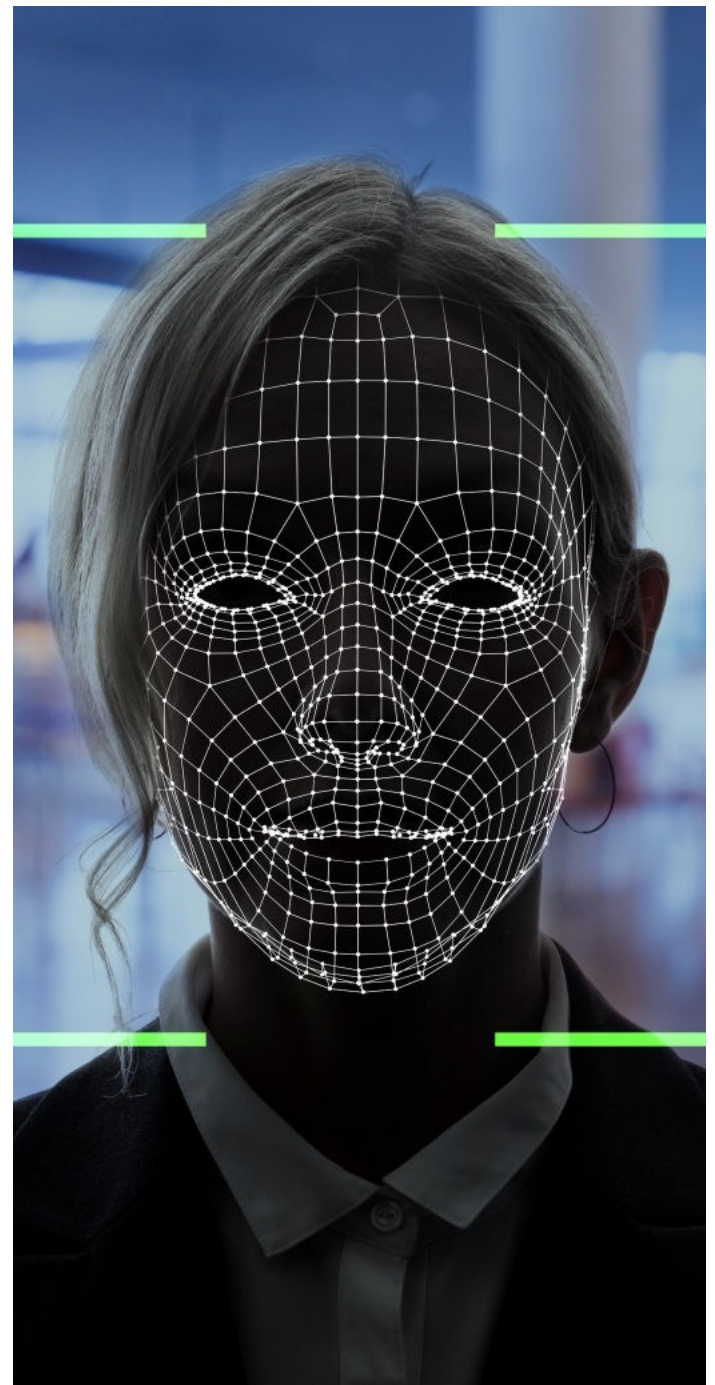
Another feature that is considered when choosing a suitable Facial Recognition system is reliability and cost. Consider points like, does the system need a separate GPU (Graphics Processing Unit) or some other device, or are the calculations done on edge (camera end), and how much these cost. how scalable and functional they are in changing circumstances.

There are some reasons to choose FR over other biometric systems.

- Facial recognition is comparatively easy to execute.
- FR, unlike Fingerprint, Retina scan, or Palmprint, does not need additional equipment to function.
- FR enables quick, proactive, and safe solutions
- FR is more secure than the traditional password and key card methods.



Practicable in a wide variety of industries like retail and banking, airports and ports, law and security enforcement, or even educational institutions, soon Facial Recognition will take over automatic and instant identity verification modes. It is important to adopt it soon, it is also essential to keep it away from laymen's hands because FR, like a knife, can be good or bad depending on who uses it.



Wavesys Face Recognition handles traditional images and is based on neural networks, featuring all the benefits of the cutting-edge FR technologies



Wavesys Global specializes in Face recognition module, Video Content Analytics, Video Management Software, IP Cameras and IP Access Control Solutions. While Wavesys facial recognition module is not independent and operates only in joint with the Wavesys video management platform, it offers all the benefits of an integrated solution. Its license limits the number of faces in the subjects' database, allowing you to have as many channels as you want.

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