

The Inside-Out of Biometrics

The measurement of behavioral or physical characteristics of an individual primarily for the purpose of identification is how we can best define the biometrics technology. The biometric characteristics especially the physical ones are a foolproof way to authenticate an individual and cannot be replicated by anyone else.

Physical Recognition Includes:

- Iris recognition – Involves scanning of the eyes of an individual for matching and unique features
- Face scanning - As the name suggests scans the face prior to authorization
- Hand scan – Looks for many one of its kind attributes in the back of the hand to permit authorization
- Finger prints – Revolves around one of the widely known facts that no two individuals will have the same finger prints

Signature scanning, voice analysis and keystroke detection are some of the behavioral techniques used in the biometrics technology.

Following are some of the visible benefits that emerge out of biometrics implementation:

- Cost effectiveness – Implementing a biometric system in your organization will cut down costs related to preserving password information and printing of badges or identity cards
- Enforced security measures – Using biometric solutions will ensure an individual is physically present at the point of access and cases of Identity Theft can be brought down as a result
- Simplistic approach – Creating hard to crack passwords and then remembering these can be quite a cumbersome process for a user. Biometrics solutions with its simplistic approach of analyzing behavioral and physical attributes makes access control a hassle free process
- Peace of mind – A stolen bag or wallet with identity documents is one of the most reported of theft cases. The fact that your biometric identity has no physical shape or form as such and is an innate part of you makes it absolutely infallible
- Data capture – Biometric solutions are increasingly being used to log important events such as employee attendance and access control

Finger print scanning is one of the most widely used biometric technologies and can be quickly implemented in a wide range of industries such as aviation, hospitality, education, manufacturing, healthcare, etc.

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Having implemented its first biometric system way back in 1986, TimeLink has grown in leaps and bounds over the years. Today, it stands as one of the most reputed companies when it comes to implementation of biometric solutions. Call us now to get started.