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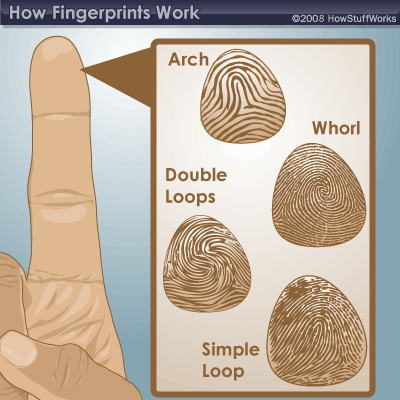
**Fingerprint Recognition**

# Introduction

Robust personal recognition systems are quickly becoming a more secure and efficient way of verifying an individuals identity. Although ID cards are inexpensive, they can be easily lost, stolen or damaged. Also the use of ID cards in companies allows employees to Biometrics is the science and technology of measuring and analyzing biological data so that human characteristics can be authenticated and identified. Such human body characteristics include fingerprints, eye retinas and iris, voice patterns, facial patterns and hand measurements. Fingerprint identification is one of the most well-known and publicized biometrics.

# Characteristics of fingerprints

* An individual characteristic.
* Remain unchanged throughout life time.
* Contain general ridge patterns that allow them to be classified systematically.



http://science.howstuffworks.com/fingerprinting1.htm



<http://static.myce.com/images_posts/2015/03/Digital-Fingerprint-Ashford-University.jpg>



<http://www.biometrics.gov/Documents/FingerprintRec.pdf>

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