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Biometrics

Biometrics is the technology of authenticating a persons identifying by verifying a personal characteristic. Biometric devices grant users access to programs, systems, or rooms by analyzing some biometric identifier (Schmidt 54-62). A bio identifier is a physical or behavioral characteristic. Examples include fingerprints, facial features, hand geometry, voice patterns, signatures, and eye patterns.

A biometric device translates a personal characteristic into a digital code that is compared with a digital code in the computer does not match the personal characteristic's code, the computer denies access to the individual.

The most widely used biometric device today is a fingerprint scanner. A fingerprint scanner captures curves and indentations of a fingerprint. With the cost of a fingerprint scanners less than \$100, experts believe this technology will become the home user's authentication device for e-commerce transactions.