

Imprivata Knowledge Hub:

Biometric Identification

What is Biometric Identification? Learn about this term and more with our expansive website glossary that explores topics related to enterprise access management.

Video Transcript:

Kayleigh Flemming: Hi, I'm Kayleigh with Imprivata!

Biometric identification technology uses unique biological characteristics to verify a person's identity. This method can be utilized in healthcare settings to enhance security, improve patient safety, and streamline administrative processes. Common biometric identifiers include fingerprints, iris scans, facial recognition, and palm vein patterns. Each of these methods offers distinct advantages, such as high accuracy and the inability to be easily replicated or lost, unlike traditional identification methods like ID cards or passwords. Biometrics are captured using image scanners and sensors, which acquire an image of a desired biometric, detect abnormalities, and encode the scan into a file that can be authenticated and stored securely.

One of the primary benefits of biometric identification in healthcare is the reduction of medical errors. By ensuring that the right patient is matched with the correct medical records, healthcare providers can minimize the risk of patient misidentification, which can lead to incorrect treatments, medication interactions, and poor outcomes.

Biometric identification technology also helps prevent fraud and identity theft, as biometric data is unique to each individual and cannot be forged. Biometric identification can improve the efficiency of patient check-ins and reduce wait times, as the process of verifying identities becomes faster and easier. Furthermore, increased identification accuracy helps to prevent financial and operational problems such as duplicate records and denied insurance claims.

However, the use of biometrics in healthcare does raise important ethical and privacy concerns. Patients must be able to trust healthcare organizations to implement comprehensive security measures and transparent data management policies that protect patient biometric information. Despite these challenges, the potential benefits of biometric identification in enhancing patient care and operational efficiency will no doubt lead to increasingly widespread adoption of the technology by healthcare organizations in the future.

At Imprivata, we deliver simple, secure access for critical workers and third-parties through features like Biometric Identification.

[Contact us](#) to learn more.

Thanks for watching!

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