

What is Biometric ID?

Biometric means “measurement of the body”

Biometric Identification is the process of using technology to measure physical aspects of an individual, transforming this information into digital code for the purpose of computer aided identification of an individual.

Biometrics is used to establish a perfect connection between the body and personal data associated with an individual.



According to FBI, facial biometrics is useful for data mining and predictive analytics to identify and classify people, assign individuals with a “threat level,” and even understand their intent.

FBI Facial Recognition and Identification Initiatives

FI & FR Address Multiple Missions

- Mission Areas:
 - Access control
 - Automated identity verification
 - Human identification
 - Screening
 - Surveillance
 - Law enforcement & national security investigations
 - Identity intelligence to understand intent



Source: FBI, *Facial Recognition and Identification Initiatives*, 2010

FACIAL RECOGNITION TECHNOLOGY

Facial recognition technology uses high resolution digital cameras capture, map, and digitize facial features creating biometric template of the face. This enables faces to be searched and matched with an identity.



Remote Biometric Identification

Facial Recognition relies on a database of previously captured and identified facial biometrics (such as state DMV's) to accomplish “**at-a-distance identification and tracking**” through networked CCTV camera systems or handheld biometric devices.

This is what Laura Donahue, Professor of Law at Georgetown University has termed “Remote Biometric Identification” or RBI.

‘RBI allows the government to ascertain the identity (1) of multiple people; (2) at a distance; (3) in public space; (4) absent notice and consent; and (5) in a continuous and on-going manner.’

Donahue emphasizes that RBI represents ‘**something different in kind, not degree, from what has come before**’

Source: ‘Technological Leap, Statutory Gap, and Constitutional Abyss: Remote Biometric Identification Comes of Age’, 2012, Laura K. Donahue, Georgetown University Law Center