

A SURVEY ON PERSONAL IDENTIFICATION AND TRACKING OF INDIVIDUALS USING BIOMETRICS AND BEHAVIOUR CHARACTERISTICS

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This study explores the integration of biometrics and behavioural characteristics for personal identification and tracking of individuals. Biometrics, including fingerprints, facial recognition, and iris patterns, offer reliable identification based on unique physical attributes. Complementing these are behavioural characteristics like gait, voice, and keystroke dynamics, which capture unique patterns of human behaviour. By reviewing and synthesizing existing research, this paper highlights the advantages of combining these modalities to enhance identification accuracy and security. The integration of biometrics and behavioural data addresses the limitations of traditional identification methods and offers robust solutions for real-time monitoring and tracking in various applications, such as security and access control. Key findings emphasize the increased accuracy and security achieved through multimodal approaches, providing a comprehensive overview of current advancements and future directions in the field. This survey underscores the potential of combined biometric and behavioral systems to revolutionize personal identification and tracking, offering significant improvements in reliability and security.