

ABSTRACT

Biometrics systems nowadays are very popular. It promises the ability to automatically identify individuals from reasonably easy to measure and hard to falsify characteristics. On the other hand, they are increasingly being investigated for use in large scale identification applications in the context of increased national security awareness [7]. In this paper, we propose a new system that could be used instead of current passport by using Fingerprint, Face Recognition; and data Encryption. We describe simple algorithm which allows reaction of a sample image from face recognition and fingerprint image template using match score value. Face Recognition and Fingerprint are two different systems, and hold different types of information: (1) original information and (2) encryption information. After verification, these data must be verified again for its consistency. The regenerated image compares with high score to the original image, and visually shows most of the essential features. This image could thus be used to declare as the algorithm to identify the target person, or to visually that individual. Importantly, this algorithm is immune to template encryption: any system which allows access to match scores effectively allows sample images to be regenerated in this way.