Informatics Institute of

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Face Recognizer

An Automated image Processing System for Identified Risk in ATM using CCTV

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Abstract

Automated Teller Machines (ATM) are meant to operate alone without a security personnel from the corresponding financial institute. Therefore the security of ATMs should be at a high level. Even though ATMs possess significant strength in security, still thieves find ways to exploit the system. As a security measure all most all the financial institutes have prohibited going wearing caps and helmets into their ATM booths. Unfortunately since there is no security personnel in place at every ATM, people do go wearing helmets or covering their faces.

Vision Based Intelligent System to identify and warn people who enter covering their faces such that they cannot be identified. Once a user enters in to the ATM booth our system will detect that someone enters and will try to detect his face, eyes, and will look if the person is covering his face. If a person covering his face is detected will warn him if he keeps covering the face will fire an alarm. Our product can be utilized by the Software System of the ATM as well. If the person's face and eyes cannot be clearly identified, it can prevent him from using the ATM which is more practical and convenient adaptation than an alarming system