

## Automatic Teller Machine System Security by Using Mobile SMS Code

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**Abstract :** The main objective of this paper is used to develop a high security in Automatic Teller Machine (ATM). In these system bankers will collect the mobile numbers from the customers and then provide a code on their mobile number. In most country existing ATM machine use the magnetic card reader. The customer is identifying by inserting an ATM card with magnetic card that hold unique information such as card number and some security limitations. By entering a personal identification number, first the customer is authenticated then will access bank account in order to make cash withdraw or other services provided by the bank. Cases of card fraud are another problem once the user's bank card is missing and the password is stolen, or simply steal a customer's card & PIN the criminal will draw all cash in very short time, which will being great financial losses in customer, this type of fraud has increase worldwide. So to resolve this problem we are going to provide the solution using "Mobile SMS code" and ATM "PIN code" in order to improve the verify the security of customers using ATM system and confidence in the banking area.

**Keywords :** PIN, inquiry, biometric, magnetic strip, iris recognition, face recognition

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