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### **Abstract**

Short Message Service (SMS) provides a very convenient way for users to communicate and also gives other facilities. Hence, it is very popular among the users of mobile phones or other portable devices. Use of SMS has a wide importance in every field, be it notifications, advertisements or for personal communication. Though people use it in large scale, there is a lack of knowledge among people regarding its security. The users are unaware of how much the transmission of messages must be trusted. In this paper, a comparative analysis of the latest schemes used for SMS message security in modern mobile devices is done.

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Computer Science

### Index Terms

Information Sciences

### Keywords

Sms Elliptical Curve Cryptography Sensor Encryption Gesture Algorithms  
Compression

Gzip