

## Independent Encryption Technique for Mobile Voice Calls

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**Abstract :** The legality of some countries or agencies' acts to spy on personal phone calls of the public became a hot topic to many social groups' talks. It is believed that this act is considered an invasion to someone's privacy. Such act may be justified if it is singling out specific cases but to spy without limits is very unacceptable. This paper discusses the needs for not only a simple and light weight technique to secure mobile voice calls but also a technique that is independent from any encryption standard or library. It then presents and tests one encrypting algorithm that is based of frequency scrambling technique to show fair and delay-free process that can be used to protect phone calls from such spying acts.

**Keywords :** frequency scrambling, mobile applications, real-time voice encryption, spying on calls

**Conference Title :** ICCSA 2015 : International Conference on Computer Science and Applications

**Conference Location :** Istanbul, Türkiye

**Conference Dates :** July 29-30, 2015