

Abstract

Mandatory registration of prepaid SIM cards is a policy that a number of governments have adopted in recent years. It requires consumers to provide proof of identity in order to activate a prepaid mobile SIM card.

There is some doubt concerning the effectiveness of the regulation of the minister of communication and information number 12 year 2016. Also, we face too many SPAM and fraud issues and would know to prevent them by encouraging SIM card registration approach, and the possibility to implement the SIM registration method based on Fingerprint in Indonesia.

This research is using benchmarking with other country and we use regulatory impact analysis to come out with good quality of regulations.

The research methodology apply with qualitative research and quantitative approach.

From the Indonesia statistic we found that the population in Indonesia is 259.1 million in year 2016. However, the mobile users are about 326.3million. Or equaled with 126% from total population. Regarding to the statistic the pre-paid users are 99% from the total users.

The spam and handling show that the best solution for handling and control spam and fraud through registration prepaid sim cards by the right identity and based on the fingerprint.

Most of the respondents know about the regulation no 12 year 2016. But, not all of them register their sim cards by their right data (right identity). So, that is enough for this study to got result of regulation no 12 year 2016 is not really effective and useful.

The spam and fraud control and handle once we register our sim cards numbers with the right data / right identity.

Based on the questionnaires responded and depth interviews, they support implementation Of sim card registration based on fingerprint method.

Key words: Regulatory impact analysis(RIA), Benchmarking, biometric, Simcard