

## **Cyber Security and Cyber Criminality of Mobile Device Users in Slovenia**

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Information technology (including mobile devices) has enabled the development of new forms of crime (cybercrime). The increased use of mobile devices for personal, business, even criminal purposes, as well as increased usefulness of mobile devices also have an impact on criminal law. It has to regulate appropriate definitions of criminal acts and general definitions, which cover the mobile device as the object of an attack and/or the means to commit a criminal act. The first part of the paper presents the results of a survey performed in the business sector among 34 Slovenian organisations on the use of mobile devices, and risks and use of appropriate methods of protection. The data show the state of the art threats to mobile devices in Slovenia and consequently the risk for cybercrime.

The second part of the paper deals with this topic from the point of view of the criminal law. It discusses the regulation of the relevant criminal acts in the Criminal Code - 1 (2012) and presents the official statistical data from the Police and the Statistical Office of Slovenia regarding the processing of cybercrime. The conclusion offers solutions for the improvement of cyber security of mobile devices and decreasing the risk of cybercrime. The model of implementation of mobile devices into an organization, taking into consideration both the elements of information security and the variety and needs of work processes in such organizations.

**Key words:** mobile devices, cyber security, cybercrime, criminal law

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