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СУМСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ
КАФЕДРА ІНОЗЕМНИХ МОВ
ЛІНГВІСТИЧНИЙ НАВЧАЛЬНО-МЕТОДИЧНИЙ ЦЕНТР

МАТЕРІАЛИ IX МІЖВУЗІВСЬКОЇ
НАУКОВО-ПРАКТИЧНОЇ КОНФЕРЕНЦІЇ
ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО ЦЕНТРУ
КАФЕДРИ ІНОЗЕМНИХ МОВ

"TO MAKE THE WORLD SMARTER AND SAFER"

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SAFETY ISSUE

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There is no doubt that in the age of informational technology the importance of saving and protecting personal data is growing rapidly. Many places such as companies, banks, hospitals or even your personal gadgets need their data to be protected well. Because of these reasons more and more money are invested in security programs. So what can be a target of cybercriminals?

Talking about hospitals, not many of them on the territory of Ukraine changed their systems into electronic ones, even though it can lead to loss or damage to your medical card. Electronic ones can be interesting to criminals because of personal identifiable information where they can find your name, address and the number of insurance. In different companies, devices are connected by one network that includes apparatus that help and control information transfer. This networks have different data exchange protocols and when they turn on it is very difficult to monitor whether it's a data-stealing attack or not. The way of stealing credit cards has been changed. Now thieves are not only stealing but also reprogramming them in the way that they loot not only money, but also information on terminal, where all data can be found. So starting with a small card, criminals can find all personal info.

And last but not least, mobile security. As a common user of smart-phone, we do save different stuff on our gadgets as well as download applications such as organizers, social networks, shops, games. Just few people check where programs have accesses. Some of them want to be connected to Facebook account, where all data is clearly presented. Even though there is a password to account, it can be hacked and as a result you start to be not the only user.

To conclude, all aspects of our lives are electronically connected with data, and on global market there should be a program that will provide us with security. Main characteristics of it should be an agility so that it can quickly find and react to danger, flexibility to match all OS and being applied to different fields, foreseeing and analyzing threats in order to block attacks and exclude their effect on the system. Some examples of companies that work on it are SPHERE Technology Solutions, FireEye, Symantec, Fortinent, CheckPoint.