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European Cyber Security System

Nowadays computer networks are widely spread in all spheres of human life. That is why the problem of cyber security of mankind is of great importance. Today, the European Union makes efforts to guarantee network safety in Europe by means of increase its member states in power and international cooperation in cyber security, including non-member countries, to prevent cyber crimes. Striving to join the European Union, Ukraine is involved in the process of providing cyber security. This paper examines the main strategies of EU standards in cyber security to be followed by Ukraine as one of European countries.

In the recent years the EU actively have been cooperating with the countries which aren't entering into the union. First of all, it is connected with an attempt of Russia to impose its policy on the countries of Eastern Europe and the Balkan Peninsula, which aimed at joining the EU, by cyber protection destabilization with hacker attacks. More than several hundred million of cyber attacks were made in Ukraine only in 2016. Therefore, Europe plans to increase the number of experts in the field of cyber security by 2-3 times

Key objectives of the Commission in the field of cyber security are as following:

1) *to increase the cyber security capabilities and cooperation* with the overall aim to bring cyber security capabilities in all the EU Member States at the same level of development and to ensure the exchanges of information and cooperation;

2) *to make the EU a strong player in cyber security*. Europe should be more rigid and solid, considering its competitive advantage in the field of cyber security to guarantee safety of the European citizens, the enterprises (including small and medium scale enterprises). Public institutions should have an access to the last technologies of information security which should be competitive, protected, and also to respect the basic rights (including the right for confidentiality). It will also help to exploit quickly developing global market of cyber security.

Now more and more Ukrainian experts are involved in the field of the European cyber security as it is obvious that to join the European Union Ukraine should make its standards conformed with and congruent to the European standards in the field of cyber security too. At the same time, it is very important to develop the market of cyber security encouraging domestic experts.

Ukraine should increase its security capabilities and develop cooperation with neighbor countries to become a strong player in the European cyber security system.