ANNOTATION

The master's thesis is devoted to the study of various methods and technologies used to increase the effectiveness of modern access control and control systems. As a result of the master's work, the following results were obtained: a conceptual model of adaptive control of a cyber-security information-computer network was described, and various structural components for implementing an access control and management system were proposed; the possibilities of automating the procedures for adjusting the user profile to minimize or neutralize cyber threats in the computer network are shown; A prototype of a competitive control system for access and control was developed and tested, which includes software implementation of a timer, which is an element of accounting, management and access control, as well as a hardware-software device for control. The proposed solution can be implemented using any device that has a browser and the ability to connect to a wireless Wi-Fi network. The developed control and access control system has no analogues in the market of Kazakhstan; It is shown that the forged approach, unlike the existing ones, takes into account current trends in the total digitalization of business processes in the enterprise. Using minimal resources, enterprises can implement an effective access control and management system in their information resource protection zones.