

методу головних компонент. При проектуванні представлена діаграма варіантів використання, діаграма класів, діаграма компонентів, діаграма бази даних.

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УДК 006.015.8

ANALYSIS OF THESES OF THE ISO 27032 FOR THEIR IMPLEMENTATION INTO THE BANKING INFORMATION SYSTEMS

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Formulation of the problem. Adaptation of international standard recommendations for their implementation in banking information systems to ensure information security in cyberspace.

At present, the use of digital tools for solving various tasks is actively spreading in the world. These processes occur in cyberspace. According to ISO 27032, the term "cybersecurity" is defined as: "the complex environment that results from the interaction of people, software and services on the Internet through technological devices and networks associated with it that does not exist in any physical form.

The primary goal of cybersecurity is to ensure the confidentiality, integrity and accessibility of information in cyberspace. The main purpose of ISO 27032 is to be a guide that will help ensure a much safer interaction with the cyberspace environment.

It should be singled out for international security standards, as it contains recommendations for enhancing cybersecurity, addressing various aspects of the issue and linking cybersecurity to other types of security, including:

- information security;
- network security;
- Internet security;
- protecting the information infrastructure.

The standard discusses basic methods for protecting stakeholder information in cyberspace.

The standard contains:

- cybersecurity review;
- explaining the links between cybersecurity and other security;
- identifying stakeholders and their role in cyberspace;
- Guidelines for addressing major cybersecurity issues;
- Stakeholder engagement methods to address major cybersecurity issues.

Recently, the banking system in Ukraine is developing rapidly. Much attention is paid to remote work with clients using mobile applications, remote communication channels, various self-service methods and more. This is done using the global Internet, so the information that banks transmit and receive in cyberspace should be protected from unauthorized access.

In case, when bank provides cyberspace services to other organizations or clients for personal use, there is a need to develop guidelines that will provide additional explanations or examples necessary to fully understand how international standards should be acted upon.

To ensure cybersecurity at the bank, you need to create your own banking guidelines for all employees. Given the large amount of information circulating in cyberspace, a banking institution will be more profitable for individuals and businesses, as well as current and future partners, if it relies on an international standard in security matters.

Conclusions. There is an urgent need to create internal banking guidelines, based on international standards, which will allow the banking institution to increase the level of cybersecurity and information security, as well as to reduce the level of potential risks.

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УДК 681.5.011(075.8)

РЕАЛІЗАЦІЯ ЦИФРОВОЇ СИСТЕМИ АВТОМАТИЧНОГО КЕРУВАННЯ БЕЗПЕРЕРВНИМ ОБ'ЄКТОМ, НА ОСНОВІ ФІЗИЧНОЇ МОДЕЛІ ТЕПЛОВОГО ОБ'ЄКТА З ВИКОРИСТАННЯМ SCADA СИСТЕМИ ZENON

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У статті наведена методика поетапної реалізації системи цифрового керування безперервним об'єктом, реалізованої на персональному комп'ютері,