

ABSTRACT:

This bachelor thesis identifies and defines the security threats for the personal, property, and information safety management by the means of ICT in primary art schools. The manuscript describes processes of security control and risk management, principles of information security guidance according to the ISO/IEC 27000 standard and some of the security system technical designs. The security of electronic data and benefits or drawbacks of information system and data network utilization are also discussed. For better orientation in the topic and to simplify the decision process, an explanation of particular technological principles is provided. The research part of this work is focused on the means of security currently used by primary art schools, the effectiveness of such tools, and the plans for future installation of new technology. Further, the state of the computer and cable network security in primary art schools is studied with the emphasis on the strength of account password and the password making policy. Finally, the means of wireless network protection, principles of data back-up, and remote desktop work safety are investigated.

KEYWORDS:

Security control, risk management, ISO/IEC 27000 standard, ICT security, protection of person and property