

SECURITY RISK MANAGEMENT IN THE CENTER OF COMPETENCE QUASAR

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Abstract: *The article presents the possibility of security risk management in a specific social system. The application of modern technological solutions to support the assessments contributes to the objectification of the assessment and the application of methods based on scenarios. The modeling of security processes and their playing, including repeatedly, in a simulation environment can be used to solve optimization problems and tasks to assess and plan the necessary security capabilities. The capabilities of the laboratories from working package 3 „Risk Management“ of the Center of Competence Quasar are presented, based on the methodology for risk management according to ISO 31000: 2018 standard.*

Key words: *risk assessment, risk identification, virtual environment, risk management laboratory.*