

## Instrumente manageriale în asigurarea securității sistemelor informatice

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### Management Tools in Information Systems Security

#### Abstract

*The risk management in information security area involves a range of economic issues, with direct implications in the development of decision-making process in an organization. Operationally, cost-benefit analysis is a common practice to justify investment in security. This article makes an analysis of methodology to quantify the security with economic cost-benefit models (ROI – Return on Investment, NPV – Net Present Value and IRR – Internal Rate of Return). The models are analyzed in terms of possible uses, popularity and complexity.*

**Keywords:** *security, risk, decision, management, cost-benefit analysis.*