



# What Are Optimal Information Security Costs?

## Public Administration Organizations

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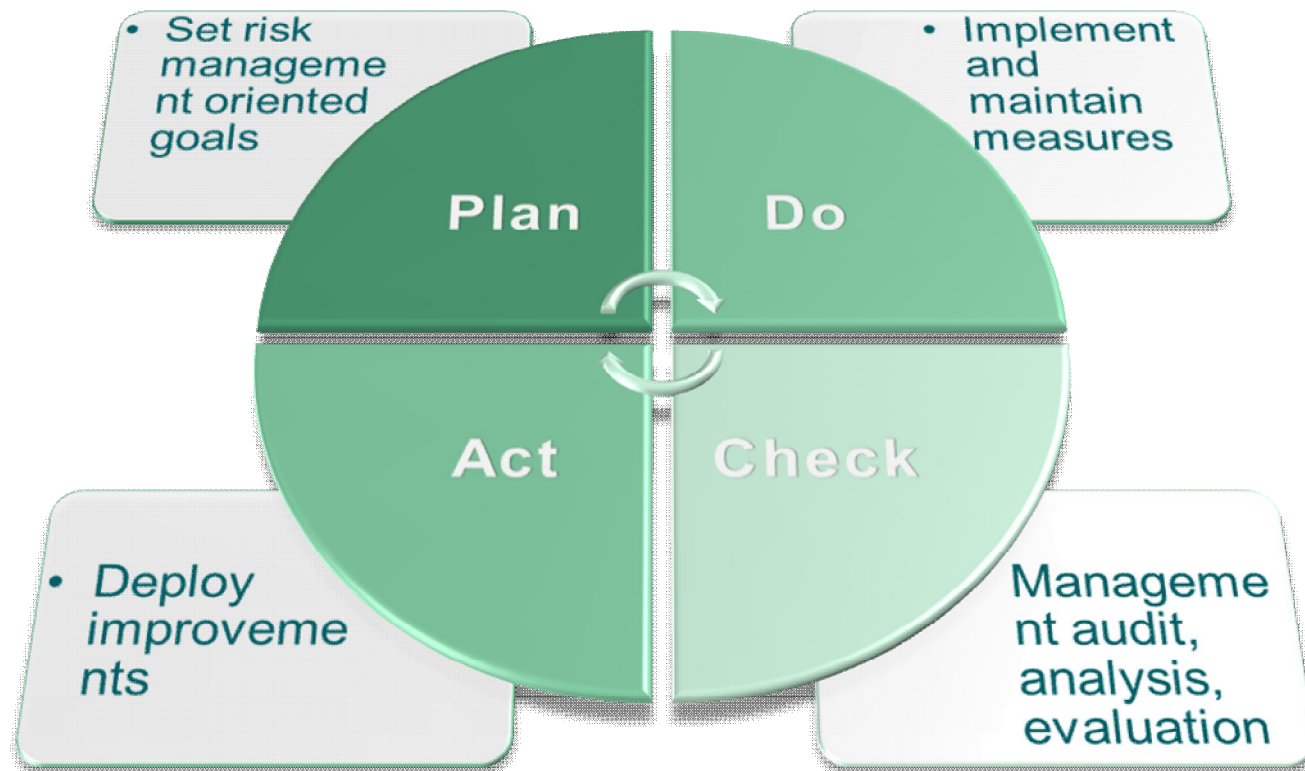
# Status of Information Security Management

**Current situation, findings of the Investigation of the Status of Security realized in the period May – August 2011, ESET, (ITAPA 2011)**

- Low security budget
- Lack of information security experts
- Unclear management system for information security
- Inadequate risk management (example of the most common reason for security incidents caused by own employees and minimal development of security awareness).

**Can financial issues and lack of professional personnel be solved?**

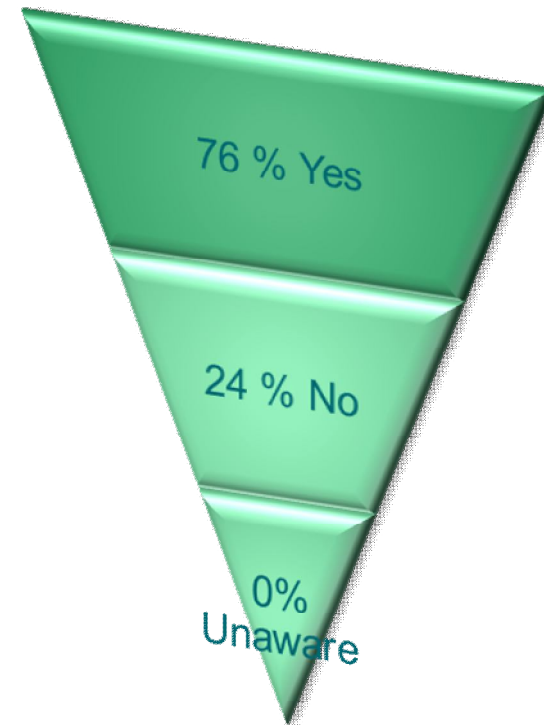
# What is an Optimal Security Investment?



# How to find Information Security Specialists?

## Expectations / Knowledge:

- Management of processes and documentation
- Information systems and information security technologies
- Relevant legislation
- Communication with management
- Other...



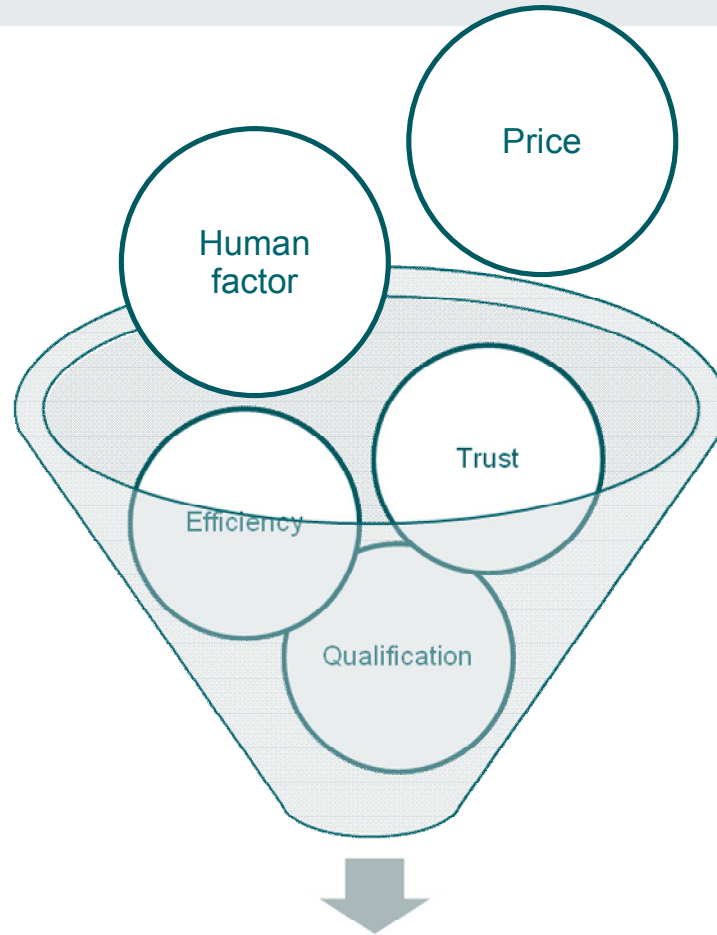
\* Responds to question regarding the existence of systematic management IB, respondents according to § 28d), Act. No. 312/2010 Coll. (CISO)

## Combining the CISO role with other roles in the organization

Role	Benefits	Weaknesses
IT Manager	<ul style="list-style-type: none"><li>• technical background</li><li>• management skills</li><li>• understanding of process management and measurements</li></ul>	<ul style="list-style-type: none"><li>• favors IT maintenance rather than IT security</li></ul>
IT Administrator	<ul style="list-style-type: none"><li>• technical background</li></ul>	<ul style="list-style-type: none"><li>• management skills</li><li>• process measurements</li><li>• communication</li></ul>
Security Administrator	<ul style="list-style-type: none"><li>• technical background</li></ul>	<ul style="list-style-type: none"><li>• management skills</li><li>• process measurements</li><li>• communication</li></ul>
Finance Manager	<ul style="list-style-type: none"><li>• understanding of risks in relation to finances</li></ul>	<ul style="list-style-type: none"><li>• technical knowledge</li></ul>

# Selecting a CISO Role Candidate

Outsourcing?



Filling the CISO role

Internal Candidate?

# External or Internal Recruitment?

Form	Advantages	Disadvantages
External	<ul style="list-style-type: none"><li>• employing the experience of a manpower supplying company</li><li>• manager / technician / process specialist combination</li><li>• selective CISO deployment – when need arises</li><li>• no need to create or maintain the position</li></ul>	<ul style="list-style-type: none"><li>• outsourcing activities ≠ outsourcing responsibility</li><li>• orientation in company culture</li></ul>

## Summary / Experience

Outsourcing the CISO role enabled immediate filling of this position with an experienced specialist, who possesses the required skillset. This saved costs related to the selection process and training of an internal employee. The time required to prepare and implement a Security Management System has been minimized, the risk related to fluctuation of key employees eliminated and independence of the CISO position secured.

The provided professional knowledge stimulates an independent decision-making process within the company, the goal being information security.

<http://www.eset.com/sk/firmy/services/referencie/>





# Thank you for your attention

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