

Criminological aspects of cybercrime

Abstract (EN)

This thesis is a study of specific aspects of cybercrime in regards to banking and non-banking financial institutions in Czech republic. By comparing results of third-party analytical resources and own findings obtained by strategically performed interviews with personnel in leading positions in cyber-security careers, the thesis describes causes and results of cyber-attacks and related preventive measures with emphasis on their respective place and priority in the cybersecurity policy of the organization. The main finding is that the biggest risk to the organization seems to be its own employees. That is why the entity cannot simply trust in the security of its perimeter by protecting only its border, but has to also consider its internal part.

An equally important finding is the fact that mechanisms for the prevention of cybercrime take a large number of non-mutually exclusive forms, and in order to maintain the highest possible level of security, it is appropriate to layer these measures into complex units.

Keywords

Cybercrime, cybersecurity, criminology, financial organizations, cybercrime prevention