

Independent Study Title	Development of Information Technology Security policy by Applying ISO/IEC 27001 relate to Computer Crime Act 2551 A case study of Thai Public Broadcasting Service (ThaiPBS)
Author	Miss Wipawan Kumsiri
Major/Faculty	Technology Management, College of Innovation Thammasat University
Advisors	Dr.Kamol Keatruangkamala
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Abstract

The study, " Development of Information Technology Security Policy by Applying ISO/IEC 27001 relate to Computer Crime Act 2550 Case Study of Thai Public Broadcasting Service (ThaiPBS) " is intended to reduce the risks. Occurred with the internal IT organization. Using a standard ISO/IEC2700 guidelines.

After we study from the survey while implementing by using 11 categories of standards ISO / IEC 27001 we found that the organization has been done 33.84% , in progress 10.53% and haven't start yet 55.63%

Risk events that occur within the Organization of the 25 events which are splitted by risk types into 3 groups. First group: Confidentiality, access to information. Second group: Integrity, the accuracy of complete information. Third group: Availability, access to various information.

Survey results found in an organization occurred 12 high-risk events , 8 medium-risk events and 5 low-risk events. Therefore, the researcher has developed the organization standards of risk reduction based on 3 phases. First phase: to reduce high risk. Second phase: to reduce the medium risk and third phase: to reduce the low risk.

This research measures the usage of the security policy of information based on the standard ISO/IEC27001. In order to reduce risk effectively. Each policy

level is separated in 2 parts. First part: the security policy for the general employees. Second part: the security policy for IT staffs.

Nevertheless, this research implement 3 phases of the organization's policies. The first part for general employees using 13 rules (First phase = 12 rules , Second phase = 0 rules and third phase = 1 rules). The second part for IT staff using 17 rules (First phase = 10 rules , Second phase = 4 rules and third phase = 3 rules).