Based on ISO27001 for a Study of Campus Information Security Management

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ABSTRACT

This research is based on ISO27001, the standardized assessment of Information Security, and summarizes the relevant studies of Information Security published nationally and internationally, to divide the topic into three main subgroups described to be “ Campus Information Security Management ”, “ The organization inside ”, “ The external environment ” and “ The information technology ”, in order to provide critical references for schools to establishing information security system by exploring the key factors and other assessed indications.

The results reveal that factors of “ The organization inside ” such as security policy, organization of information security, competent support, human resources security, asset management and physical & environmental security. That factors of “ The external environment ” are such as compliance and outsourcing vendors. That factors of “ The information technology ” are such as access control, information system acquisition, development and maintenance, communications & operations management, information security incident management and business continuity management.

Keywords : BS7799、ISO27001、information security management、information

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