UNIVERSITI TEKNOLOGI MARA

THE EFFECT OF BRING YOUR OWN DEVICE (BYOD) IMPLEMENTATION

SUHAIMI BIN DAUD

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ABSTRACT

Many companies have implemented Bring Your Own Device (BYOD) with the hope to provide more flexible working hour to employees and reduce of operating cost. This is a growing trend recently in corporate environment especially in context of Malaysia. In BYOD implementation, employees are allowed to do work using their own personal device like smart phone, laptop computer, netbook or tablet. The problem is whether organization is ready for the implementation and all the security concerns are addressed in realizing the benefits of the BYOD implementation. BYOD is expected to provide benefits to employee in increase of productivity, user satisfaction and work flexibility as employees are using device that they are familiar and convenient with. Besides all the benefits, information security, data control and privacy became a concern. This research is to find out the effects of security, data control, device protection and privacy issues in BYOD implementation. Responses from various IT and Non-IT Company's employee are collected for analysis. Framework for the analysis, adapted from Brodin (2015) have been used for this research. The conclusion of this study is that even though there is security issue in implementing BYOD, employee are still prefer to use their own device in regards to flexibility and convenient to perform their tasks during or after working hour. The constraints and limitation of this study is that the respondent have limited knowledge on BYOD and it is considered very new concept yet is already implemented at their office with no proper policy and control in place. It is recommended that, due to the risk of BYOD and the small size of mobile device, it is recommend that the controls and protection need to be top consideration of BYOD implementation by any organization.

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