

Utilization of Smart Building Management Systems (SBMS) in Sri Lankan Private Healthcare Industry

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Abstract

Modern building management systems make hospitals more intelligent and more productive. It is very important to identify barriers to install and utilize them in private hospitals as integrated building management systems are required to be existent in hospitals since critical patient care is involved. Purpose of the study is to find out difficulties encountered to utilize SBMSs in Private Healthcare industry. Target population for this study is Private hospitals in Western province, Sri Lanka. In this study, collected data from reputed private hospitals and used single embedded case study method. The primary data were obtained through a semi-structured interviews, direct observations and internal documents which are collected during hospital visits and NVivo is used as data analysis tools. This study provides useful framework to identify barriers for installing and utilization of integrated building management systems in private hospitals in Sri Lanka and to give solutions to overcome barriers.

Keywords: SBMS- Smart Building Management System