

**Strategic Use of Information System  
in Malaysia Transformer  
Manufacturing Sdn Bhd – A Case  
Study**

by

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*Azman Mohd Ali*

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## **Abstract**

*Strategic information system (SIS) is an information system that is being used by organization to gain competitive advantage. In this globalization, organization must equip them with a good SIS to keep them competitive in the market. A comprehensive SIS makes the organization realize their business goal. SIS implementation in an organization will need a full support from all level of staff especially the top management in order to succeed in the implementation.*

*There is a lot of tool used for SIS implementation in an organization. This paper will concentrate on SIS in my organization, Malaysia Transformer Manufacturing Sdn Bhd (MTM) which is using Manufacturing Resource Planning (MRP2) from Baan Inc.*

*This paper will discuss further on how MRP2 is been used as the tool to archive my organization planning in implementing the SIS in the organization.*

## **Key Words**

Strategic Information System, Information Technology.

## **Introduction**

Many organizations start to use information system strategically to make them having a competitive advantage against their competitors. In manufacturing firms, time studies on the production processes are needed to minimize downtime. The strategic information system will capture all the process time and calculate the production time of the product produced.

There are many strategic information systems available in the market and organization must fully test the system before making decision to implement the system. The modules of the systems are almost the same supplied by vendors but organization must select system that easy for staff to use and support vendors could give, in problem solving or troubleshooting.

Strategic use of information system is important to make the organization to be competitive in the market. Management could use the information in the system in making strategic planning for the organization.

## **Objective**

The objective of this paper is to analyze on how the MRP2 use in Malaysia Transformer Manufacturing Sdn Bhd could benefit the organization. The study provides useful information for the organization to utilize the information in the system strategically.

This study will analyze problems related to systems which could effect the strategic use of the information system. Recommendations will be given to improve the system usage in the organization.