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Centralised Inventory Management System

Executive Summary

Integrated and centralised management of databases has been made possible by new Information technologies and innovative ideas. In many large multinational companies who have branches and subsidiaries globally, innovative and effective use of information technologies has enable them to gain competitiveness in the marketplace.

The main objective of this research project is to highlight the effectiveness of information technology in resolving some of the management problems faced by the organizations. The emphasis of this research is on the study of the problems faced by Bauer in their current inventory management system and how information technologies can be utilized as an enabler to resolve problems and to enhance the operational efficiency of the organization. The analysis of the problems is based on the study of both primary and secondary data collected and provided by Bauer and its subsidiaries in the Asia Pacific region.

Various alternative courses of actions were identified and evaluated before an alternative solution, that is Centralised Inventory Management System was recommended. The recommendation was based on a number of factors. For example, the availability of experience information technology staff to handle large scale project, managing multiple sites, coping with pressure and stress; the cost of the project; the number of problems addressed by the proposed system; and the tangible and intangible benefits derived from the proposed system.

Efforts were concentrated in addressing the management issues in inventory management and therefore, the detailed system design, development and implementation were briefly discussed.
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