

IMPLEMENTATION OF AN E.R.P. INVENTORY MODULE IN A SMALL COLOMBIAN METALWORKING COMPANY

Coronado-Hernández, J. R.; Ospina-Mateus, Holman; Canabal-González, Danneris; Peña-Ballestas, Diana; Baron-Villamizar, Javier; Mercado-Caruso, Nohora; Romero-Conrado, Alfonso R.; Paternina-Arboleda, Carlos D.; Silva, Jesús

Abstract

This paper aims to analyze the effect of implementing an inventory module of ERP Openbravo for the reduction of information flow time and customer response time, in a Colombian metalworking company. The processes structure and inventory management practices of the company were characterized and information flow time and customer response time were tested before and after implementing the inventory module. The main results were the reduction of 36% of information flow time and 41% of customer response time, so it can be concluded that obtained success is related to the active involvement of manager and workers' willingness to change.

Keywords

Customer response time, ERP, Information flow time, Inventory management