

Identification and Selection of a Supply Chain Target Process for Re-Design

Authors : Jaime A. Palma-Mendoza

Abstract : A supply chain consists of different processes and when conducting supply chain re-design is necessary to identify the relevant processes and select a target for re-design. A solution was developed which consists to identify first the relevant processes using the Supply Chain Operations Reference (SCOR) model, then to use Analytical Hierarchy Process (AHP) for target process selection. An application was conducted in an Airline MRO supply chain re-design project which shows this combination can clearly aid the identification of relevant supply chain processes and the selection of a target process for re-design.

Keywords : decision support systems, multiple criteria analysis, supply chain management

Conference Title : ICDSM 2015 : International Conference on Decision Sciences and Management

Conference Location : London, United Kingdom

Conference Dates : July 25-26, 2015