

資訊科技產業的供應商評選量表之建構

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摘要

As global competition becomes more intense, organizations are facing greater pressure to transform their ways of doing business. To date, most organizations are stilling believing that the relationship between them and suppliers can only be competitors. However, this mindset can lead to no winner in the market. On the contrary, if both parties are willing to cooperate, they can enlarge the value created and both gain more from it. The first step to build a successful relationship between partners is supplier selection.

Accordingly, the first goal of this research is to study domestic and foreign evaluation criteria on supplier selections. Next, by performing the Exploratory Factor Analysis (EFA), a supplier evaluation system for information technology industry is established. Finally, this study applies the Structural Equation Modeling (SEM) technique to establish a theoretical model for supplier selections, and the effectiveness of the supplier evaluation system is also verified.

The study finds that the criteria for supplier selections have been changed constantly. The original 43 criteria proposed by other research are reduced to 29 criteria. The research also reveals that the capability of delivery is viewed as the most important criteria, while the ability of arranging finance is viewed as the least important factor when performing supplier selection.

關鍵字：Supplier selection, Exploratory factor analysis, Structural equation modeling