

Just in time production analysis under re-engineering principle —

A Touch panel factory case

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Abstract

In recent years, Taiwan economy was suffering in environmental changed. Highly prosperity and growth has already not existed; instead a lot of domestic enterprises have been transferring the investment out of Taiwan. Accompany with e-life and information speedy transfer, there is no enterprise can be out of this global competitive. Facing the realistic, how to preserve the absolute profit space, keep the high competitive power, this has become the most important target for enterprises. Therefore, business enterprises carry on every kind of type to promote the competition ability activity for the innovation

In recent years, the Just-in-time production system in TOYOTA automobile and the re-engineering theory which is developed by Michael Hammer & James Champy, have been widely applied to many of enterprises for reaching highly profit rate.

However, it is rarely to hear of the successful reform case. Some of them are failed because of the skill of introduction is unsuitable, or the implement cannot be continued.

The most of the reasons come from the difference of the theory and practice. In case

of time changing and the environment difference, to use the single one theory could not cover the directions of enterprise reform entirely. Accordingly, in my research, I will compare and analysis these two theory and consider with the needs in business practice to find the best fusion. At first, I will analysis reference documents and consider the business practice to submit some of assumptions. Secondly, for this research can be put to practical use, I described the introduction skill in this case in detailed. Hope through the observation and result of this practical case to verify the effect which from the integrated of theory and practices.

Keyword: re-engineering, just in time, knowledge-based economy