In accordance with the Enterprise Resource Integrate to built-in research of the multi-plant order distribution--Take the case of the optical communication industry

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ABSTRACT

According to the sakes of the market demand and the expanding capacity for reducing the cost, Enterprise has to allocate and transfer the position from the Singular plant operation to the multi-plant management. In light of the manufacture with the multi-selection of plants, it's great urgency how to make the explicit and prompt direction to content the customer's requisition. In view of the multi-plant management, it's essential to set up the scheme of production for meeting the different requirements by customers. Moreover, considering to reach the uttermost advantage in terms of the entirety resource are most important for Enterprise.

The article is directed against the general proceed of the order distribution for the multi-plant, recommend and bring out the viewpoint and manner based on the entirety resource from Enterprise for the purpose of making the lowest fluctuation cost. The instance of the operation is applied and proved the viewpoint on the order distribution of the multi-plant. Standing on the characteristic purpose（for example：pilot run、mass production） by each plant on the Enterprise, and operate in coordination the prospective planning to work out the order distribution. The order distribution is following the mainstream of the importance of the customer for the Enterprise. The importance of the customer are including the potential new product in developing, the major customer…etc. In addition to address the case to put theproof that the multi plant management it's getting the remarkably and substantially improved on the three aspects of Cost, Customer and Enterprise from the general plant operation.

Keyword: Order Distribution   Multi-Plant Capacity Planning   Enterprise Resource Planning