



ABSTRACT

Recent advances in manufacturing and information technologies present promising strategic alternatives for designing a new manufacturing information system. Manufacturing information system is an integrated system of manufacturing technologies and business strategy into an information system. It is a strategic tool for achieving competitive advantage, which enables firms to respond quickly to market changes, achieve flexibility of products and processes, and manage the complexity of today's manufacturing environment.

According to Coates and Tirpak, "The integrated manufacturing system consists of several independent components, with suppliers at one end and customers at the other". To make the system operate efficiently, the manufacturing system should be designed with a greater functional integration, fewer layers of hierarchy, and more external partnerships.

In providing Management Information to a company, one must take into consideration the ones who would largely benefit from this system. These are the manager, Production staff and customers.

The proponents suggest a system that would Supply the manager a up to date information regarding the company's floor schedule and total production load in a given time.



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The significance of implementing a computerized system in the company is for them to have Database, computerized computation of all present and available schedules and together with ease computation of company's profit.

