IT

-Brand New Web Version of eMES : **Active#**

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About

Introduction

What is eMES?

extended Manufacturing Execution System for die/mold manufacturing (ntegrated Manufacturing Information System)

- Knowledge Management about die/mold process plan using standard BOP (Bill Of Process)
- Enabling to Make fast and feasible schedule/re-schedule
- Efficient and effective shop floor control and machine status monitoring
- Provide Various analytic report about production
- Effective management for process-outsourcing
- Provide real-time production cost for die/mold
- Interface Open architecture

MES for Die/Mold Shop

- eMES is optimal solution for all kind of die/mold manufacturing shop
  eMES contains many functions based on experience of die/mold
- manufacturing
  Powerful schedule management

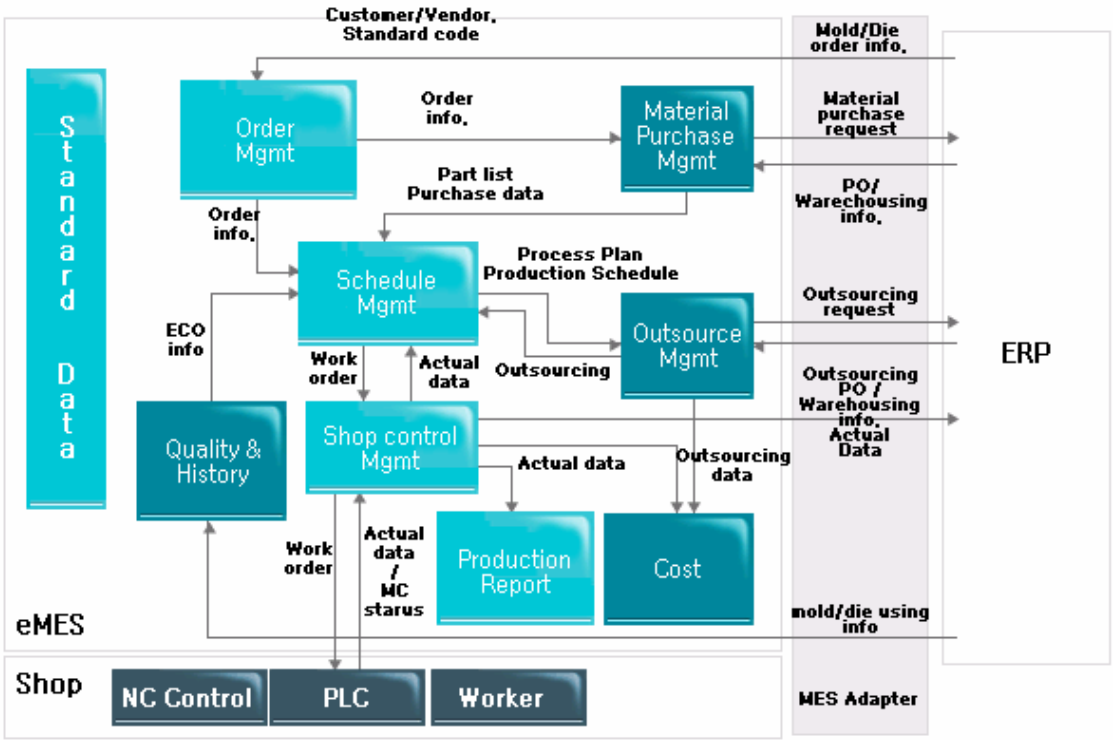
Powerful schedule management

- eMES enable to accumulate knowledge of process-plan using BOP model (process plan model)
- eMES enable to make feasible and fast schedule and reschedule by using LSE
  (APS solution for die/mold manufacturing shop)

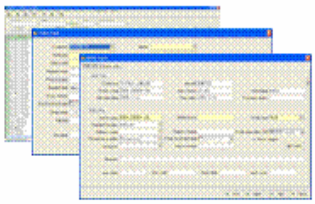
Powerful shop floor management

- eMES includes powerful POP module for die/mold shop control
- eMES enable to monitor and control shop floor efficiently by integration with POP system

Powerful shop floor management

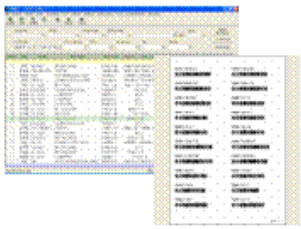


eMES Main function

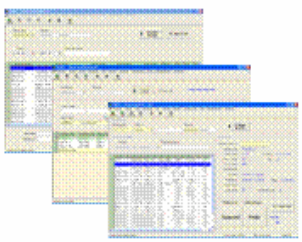


Order/Mold(Die) Receipt

Process plan/Schedule generation

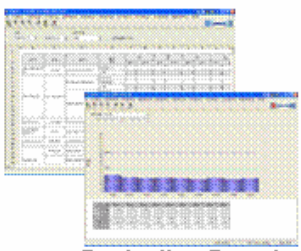


Confirm work order and release



Actual data input

Machine status monitoring



Production Report

Summary information for executives

Expected Value

Type	Contents	Value
Quantitative Values	Reduce Manufacturing Cycle Time	45%
	Reduce or eliminate data entry time	75% or more
	Reduce Work in process (WIP)	17%
	Reduce or eliminate paperwork between shifts	56%
	Reduce Lead Time	32%
	Average reduction in defects	15%
Qualitative Values	Raise worker productivity	
	Benefits to Planning Process	
	Business Benefits(ROI payback period range from six months to two years)	
	Improvement in customer service	