

-Brand New Web Version of eMES : Active#

| About | Case Study | Testimonial | Package |

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

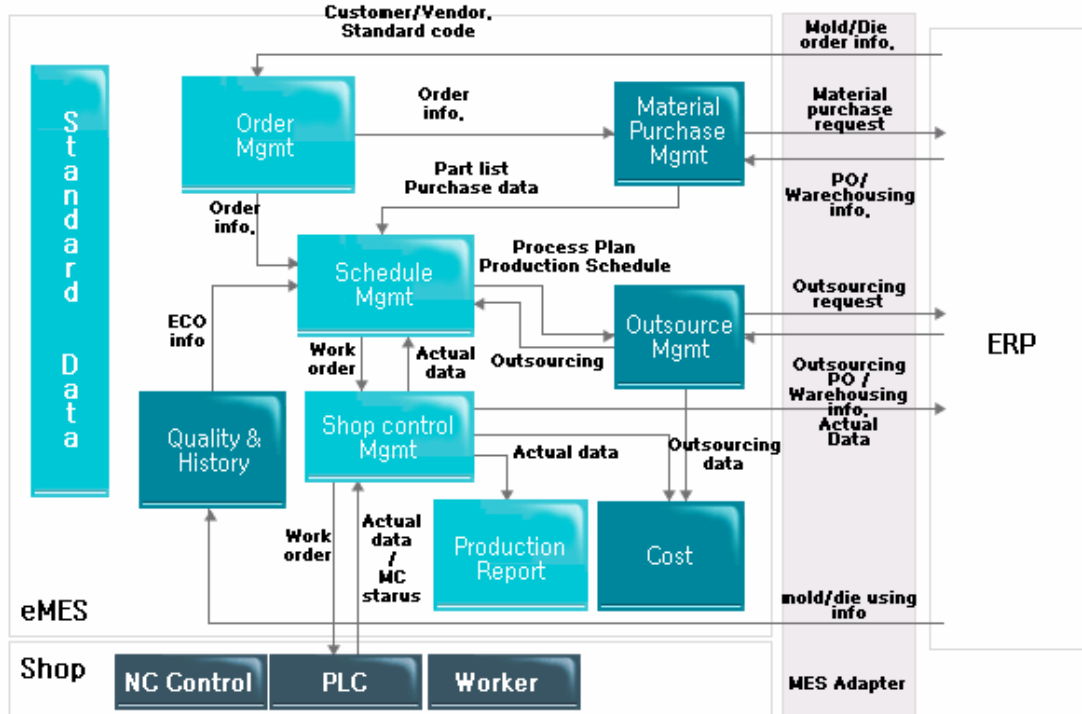
MES for Die/Mold Shop

- 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

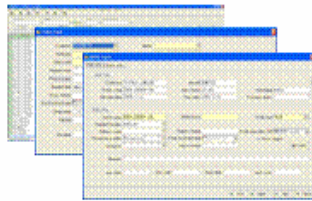
Powerful schedule management

- 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)

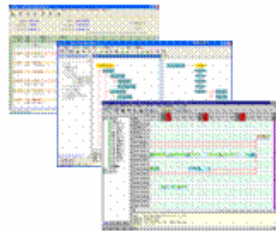
Powerful shop floor management



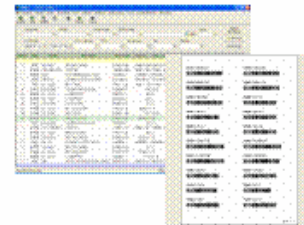
► eMES Main function



Order/Mold(Die) Receipt



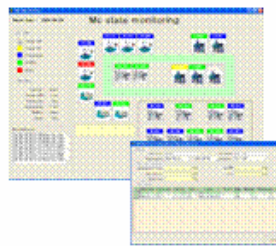
Process plan/Schedule generation



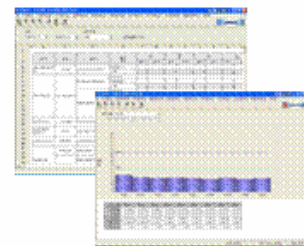
Confirm work order and release



Actual data input

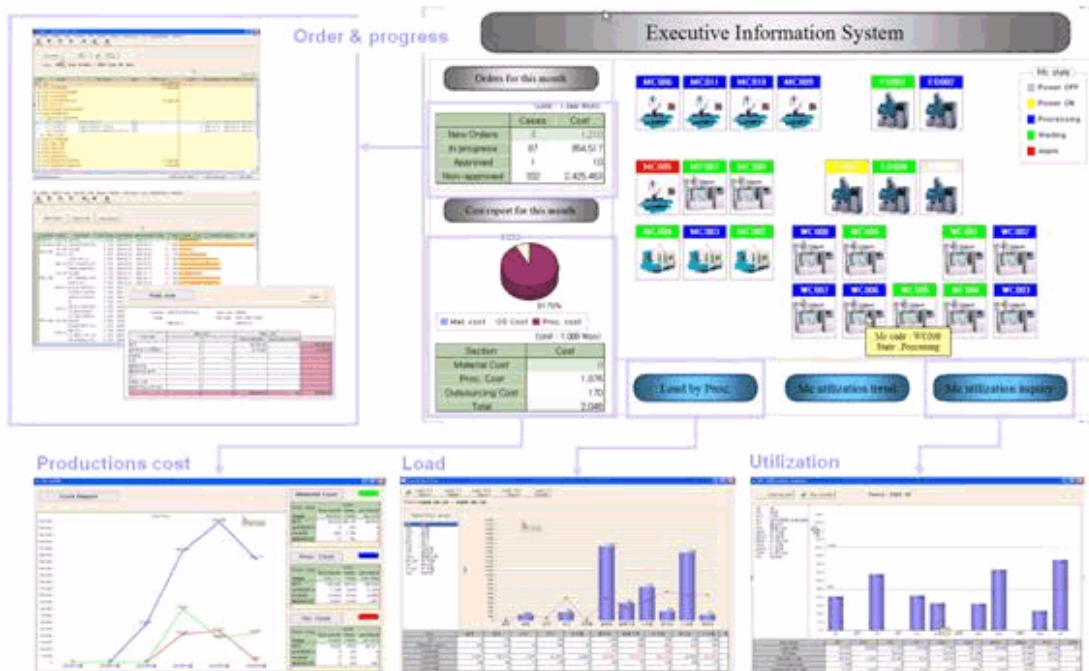


Machine status monitoring



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	