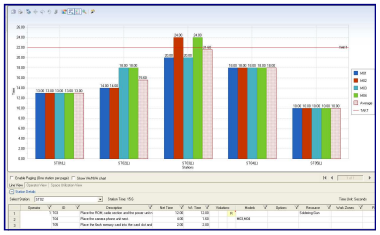
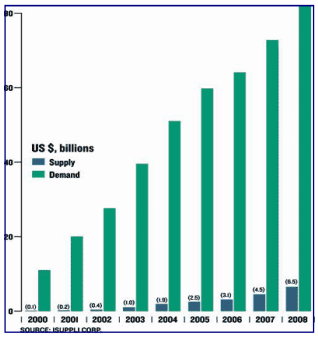
PRODUCTION MODELING CORPORATION

Semiconductor Manufacturing
Fab Productivity Improvement Solutions

Wherever PMC goes
Productivity Happens

www.pmcorp.com

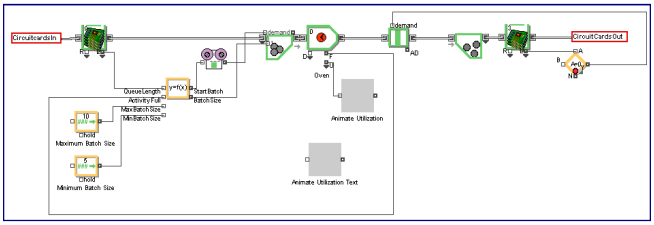


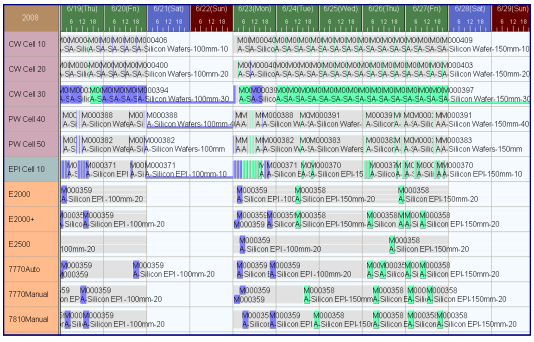


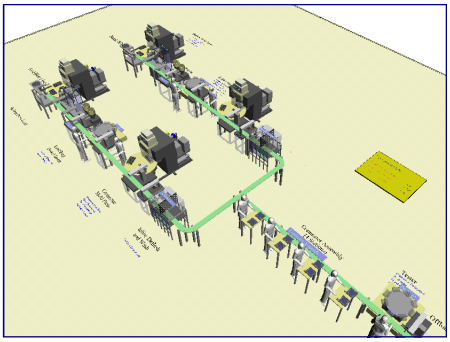
Short technology life cycles, high-risk capital decisions, complex processes, the constant pressure to produce more on less & global supply-demand networks characterize today's semiconductor manufacturing operations.

PMC's Industrial Engineering & Operations improvement services helps fabs optimize & streamline material flow, improve productivity, increase flexibility and quantify ROI.

Typical Challenges	PMC's Productivity Improvement Solution
Non optimal Lot-sizing	Simulation based Optimization to evaluate and identify optimal lot sizes for different demand patterns and scenarios.
Low yields	Integrated Lean-Six Sigma-TOC approach to create a constraint driven kaizen environment that produces high first time quality.
High inventory levels (WIP)	Advanced planning and scheduling tool to help streamline product flow, study batching and optimize fab equipment usage schedules.
Unbalanced cycle times	Work measurement & time standards to standardize cycle times, streamline wafer flow and better manage support functions.
High-risk capital investments	Simulation model based what-if-analysis and experimentation to help evaluate effectiveness of investment options & scenarios.
Re-entrant flow	Flow planning and work place analysis tools combined with optimization techniques to better manage complex routings.







Meet us **Jul 14 - 16**
at **SEMICON West 2009**
Moscone Center, San Francisco, CA
South Hall—Booth #2124

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