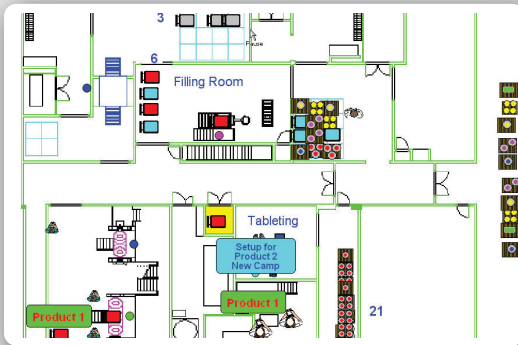


Manufacturing	Pharmaceutical	Healthcare	Portfolio	Logistics	Financial	Government	Business
Case Study	Project Review	White Paper	Value Proposition				

Does your manufacturing site struggle with any of the following questions?

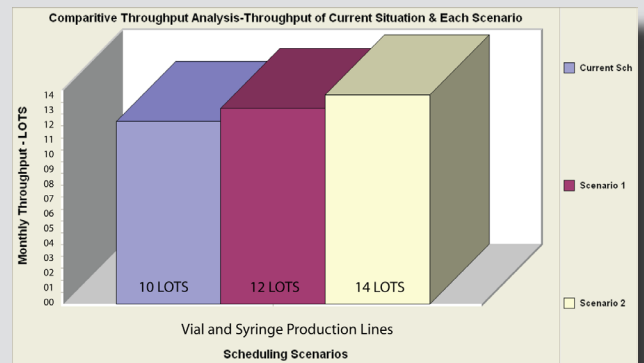
- What is the impact of delays on your production schedule/planning efforts?
- How do you manage a customer who requires a quick turn around?
- How does supporting an accelerated schedule affect other projects or customers?
- How do you accurately predict resources/cost if you've never done it before?
- What's the best way to determine the cost of performing services in-house vs. outsourcing?
- Is it a challenge to predict or align resources with future projects?
- What type of projects should we pursue or avoid?
- If we can't support a new project or product now, when?
- Do you know which type of projects yield the highest level of margin?

To help address these questions we provide a methodology to help visualize, analyze, and optimize how the entire site runs at a level of detail that instills confidence across the organization.



Visualize your business process and model variability and interdependencies. Leverage the power of animation for true visualization

Analyze how the business would react in advance by running time based "What-If comparative scenarios using a powerful dynamic simulation capability.



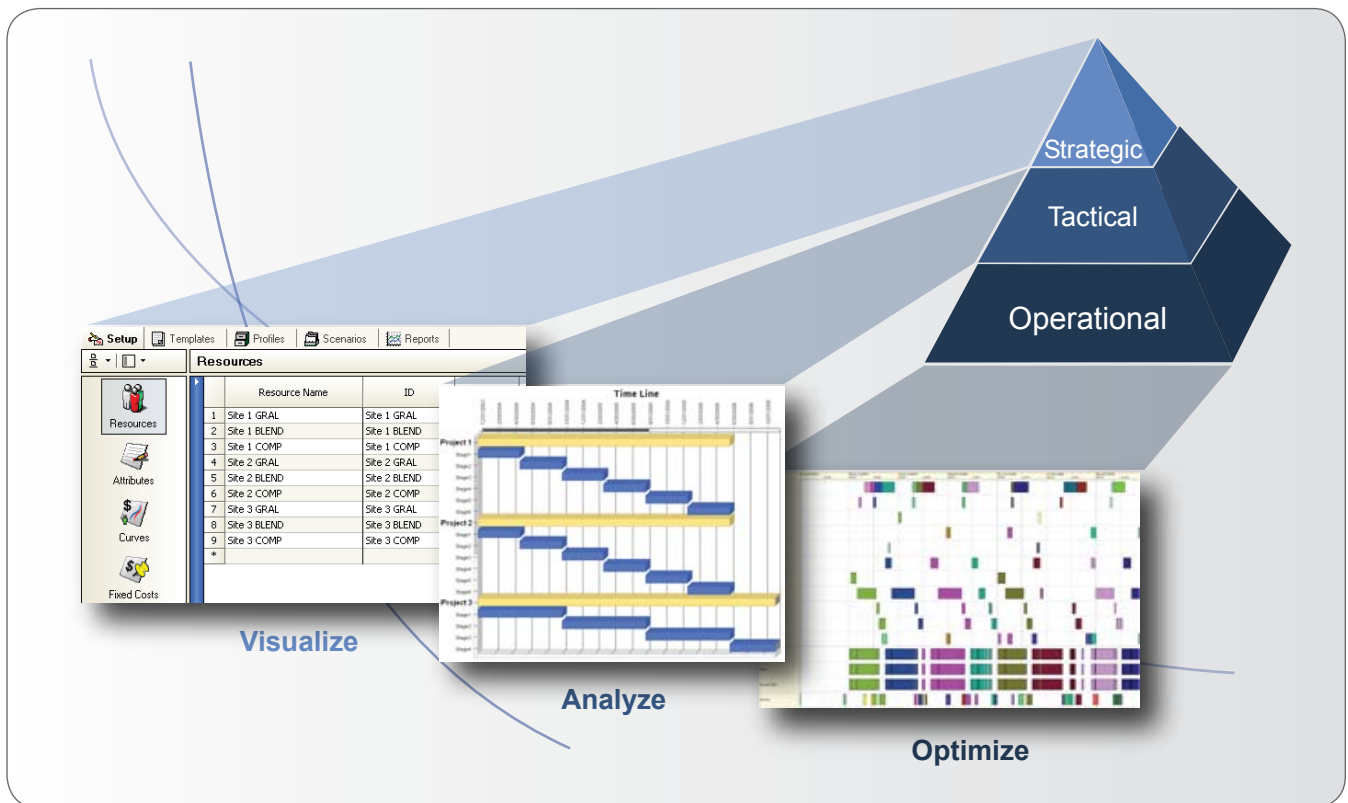
Optimize overall systemic performance - PREDICT the impact on cycle time, throughput, cost, service level and other key metrics using the dynamic power of Simulation.

What-If you could make Better Decisions – Faster?

We can't predict the future, but we can provide the framework that captures the high level of risk associated with the impact of a constantly evolving set of conditions that affect your ability to meet your customer's needs.

ProModel offers a simulation-based predictive analysis solution customizable for the Pharmaceutical Contract Manufacturing Industry. This solution provides enterprise level decision modeling capability, so your organization can:

- Use "what if" capability to better predict the impact of adding new clients and projects
- Determine the optimum staffing levels required to meet the capacity objectives
- Specify asset or equipment needs and utilization rates
- Identify and address the existing bottlenecks as well as any potential future bottlenecks prior to implementation
- More accurately forecast the impact on revenue as new projects and clients are added



ProModel's Pharmaceutical Manufacturing Team has partnered with Pharma Manufacturers to provide customized simulation technology based solutions to these challenges and so many more.

- | | | |
|-------------------|------------------------|------------|
| • Laureate Pharma | • Genentech | • Almirall |
| • Pfizer | • Wyeth | • J&J |
| • Merck | • Bristol-Myers Squibb | • Astellas |
| • AMGEN | • GSK | |