

ProModel®

overview

Accelerate performance improvement results while eliminating the risk with the ProModel® Optimization Suite

The ProModel Optimization Suite is a discrete-event simulation technology that helps you to make better decisions faster. It is used to plan, design and improve new or existing manufacturing, logistics and other tactical and operational systems. It empowers you to accurately replicate complex real-world processes with their inherent variability and interdependencies, to conduct predictive performance analysis on potential changes, and then to optimize the system based on your key performance indicators.

methodology

Visualize

Create a dynamic, animated computer model of your business environment from CAD files, process or value stream maps, or Process Simulator models. Clearly see and understand current processes and policies in action.

1



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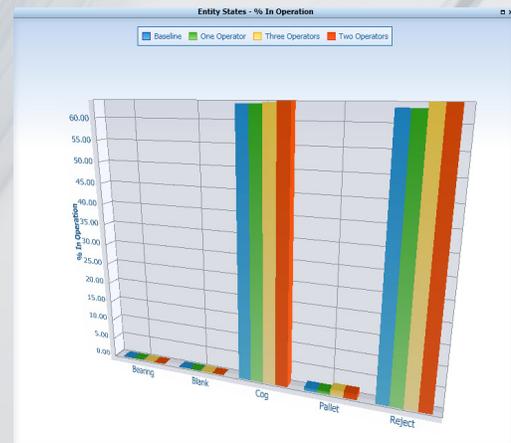
Analyze

Brainstorm using the model to identify potential changes and develop scenarios in order to test improvements which will achieve business objectives. Run scenarios independently of each other and compare their results in the output viewer developed through the latest Microsoft WPF technology.

Optimize

Immediately test the impact of the changes, risk free, on current and future operations with predictive scenario comparisons. Determine optimal business performance with a high probability of meeting your business goals.

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Accelerate Lean and Six Sigma Initiatives

- Enable rapid adoption and life cycle support of your Lean events
- Predict and quantify suggested improvements
- Accelerate single events, or whole initiatives
- Perform Six Sigma Analysis with Integration to Minitab
- Conduct rapid independent scenario and output comparisons

ProModel solutions accurately predict the impact of Lean events and Six Sigma changes by taking into account the combined effect of variability, uncertainty and interdependencies over time. ProModel's certified Lean and Six Sigma consultants can help customers reduce risk and focus on opportunities to achieve accelerated LSS results now.

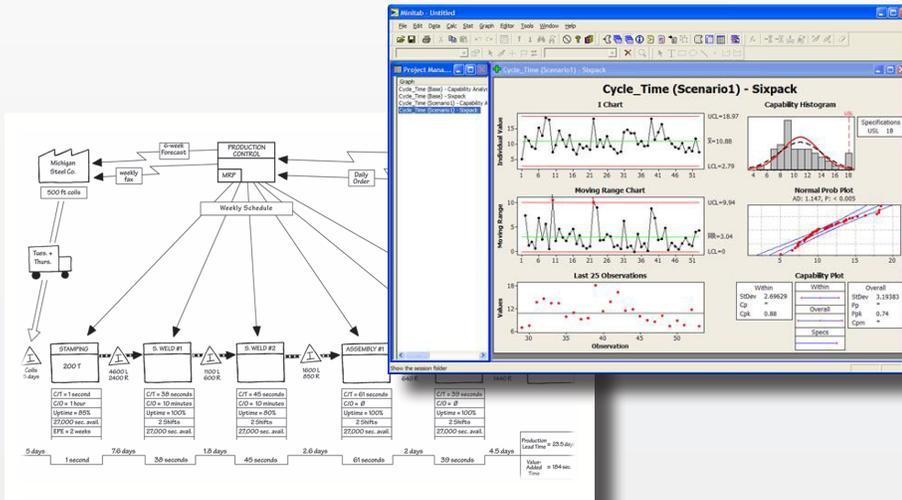


Image courtesy Learning to See by Mike Rother and John Shook © 1999

ProModel® clients

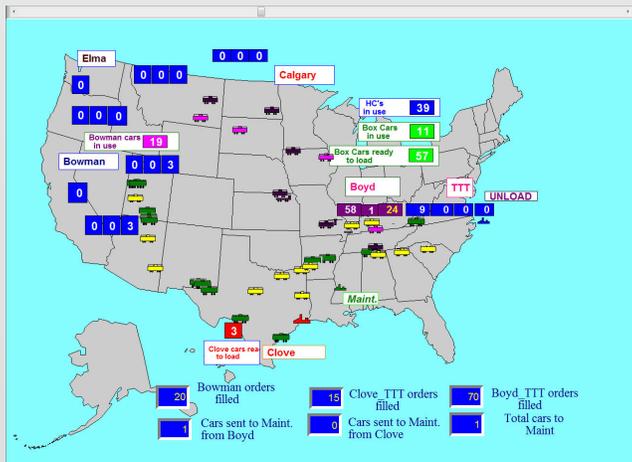
- Pfizer
- Lockheed Martin
- US Army
- TSA
- Merck
- West Point
- General Dynamics
- Medtronic
- Baxter BioPharma
- Driscoll's
- Federal Express
- Northrop Grumman
- Boeing
- MIT
- US Air Force
- Federal Express

Manufacturing Performance Improvement

Are you responsible for the following?

- Capacity analysis
- Facility design and layout
- Scheduling and resource allocation
- New product introduction
- Improving throughput

Traditional methods can take a great deal of time, often with unknown results, but a ProModel predictive technology solution can shorten the time and reduce the risk in optimizing an organization's performance.



Supply Chain Optimization

A ProModel solution can help you accurately visualize and analyze all of the aspects of your supply chain including production, warehousing, distribution and transportation. Whether you're designing a new supply chain or realize that your current one is the source of the problem, modeling the complex nature of supply chains with ProModel will allow you to experiment with different strategies and determine which ones are the best under which conditions.