

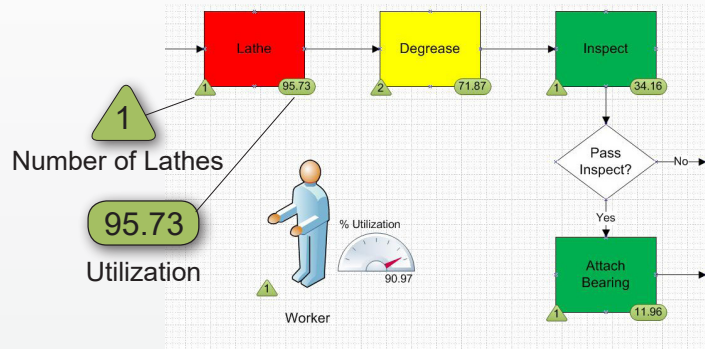


Shorten your time to results with the combined power of Process Simulator's predictive analytics and Visio's dynamic data visualization and Fluent user interface.

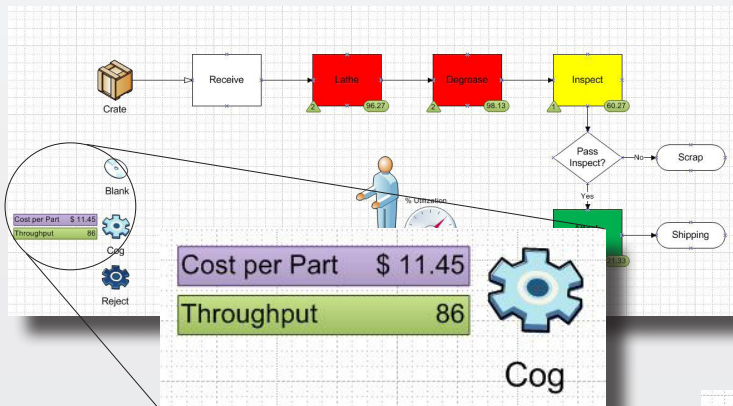
With the latest version of ProModel's Process Simulator and Microsoft's Visio, you can visualize, analyze and optimize your business environment like never before all on one screen! Transform static Value Stream Maps, Flow Charts and Work Flow Diagrams into Dynamic Graphical Simulation Models that provide you with a risk-free, virtual sandbox for you to determine precisely which ideas and concepts will provide the best results for your organization.

Visualize

- Build dynamic visual models right in Visio with automated links to external output data sources such as Excel, Access, and other databases
- See input and operating parameters such as capacity and utilization directly on the Visio map
- Watch your process run to gain a better understanding of your current operating environment than ever before



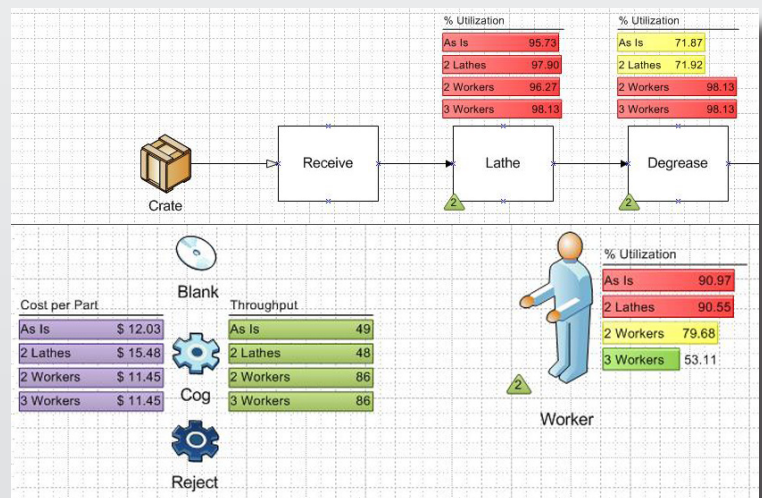
Current State — data graphics applied to the diagram visually reveal a bottleneck in the process at Lathe



Analyze Changes — add a second worker to the cell and see the impact on cost and throughput

Analyze

- View the impact on system resources through color-coded Visio data graphics
- Output metrics such as cost and throughput displayed in real time on the model
- Visio data graphics update automatically whenever model parameters are changed



Comparison of as-is, two lathe, two worker, and three worker scenarios and their respective throughput and cost

Optimize

- Scenario results and KPI's displayed with the animation
- Compare multiple scenarios simultaneously right on the screen as soon as simulation is complete
- No need to go to a separate reports module to understand output and likely courses of action

Process Simulator Professional

Process Simulator Professional has multiple enhanced features for advanced users. These features enable faster model building, more complex processes, and improved model maintainability as shown in the table below.

Feature Capability		Free	Pro
Plug-in to Microsoft Visio 32 Bit	Convert existing diagrams and build new simulation models within the familiar and easy-to-use Visio application.	✓	✓
ProModel Simulation Engine	Harnesses the predictive power of the ProModel simulation engine to run scenarios and produce results for what-if analyses.	✓	✓
Share Models w/ ProModel and MedModel	Allows models developed in Process Simulator to be opened in ProModel or MedModel for more extensive process and systems modeling.	✓	✓
Multiple Scenario Comparative Output Viewer	Enables comparisons and analyses of multiple simulation results (for scenarios within the same model and between different models).	✓	✓
Basic Logic Builder	Enables the modeling of activity details and resource usage through guided logic dialogs.	✓	✓
Animation	Visio diagrams become graphically animated during simulation and depict the progress and state of the simulated processes over time.	✓	✓
User-Defined Distributions	When standard statistical distributions don't correspond to a data set, custom distributions can be created to represent the data.	✓	✓
Storage and Supermarket Modeling	Facilitates the use of Lean principles by connecting multiple Storage activities to create a Supermarket object.	✓	✓
Plug-In to Microsoft Visio 64 Bit	Convert existing diagrams and build new simulation models within the familiar and easy-to-use Visio application.		✓
Utilizes Power of Visio Data Graphics	Enables direct visualization of simulation results, and of varied inputs, for multiple scenarios with their associated shapes on the Visio diagram.		✓
Model Changes Using Excel	Constructed model data can be exported to Excel, where modifications can be made and then imported back into Process Simulator.		✓
Six Sigma Analysis with Minitab	Facilitates additional investigation of simulation results through the functionality of the leading statistical software for quality improvement.		✓
2-Dimensional Arrays	Allows the storing of large amounts of data in a single data structure for the model to access and use.		✓
Import/Export Data via Excel	Allows the population of arrays from an Excel file when the model starts simulating.		✓
Advanced Subroutine Functionality	Allows passing of parameters to subroutines and returning calculated values. In turn, this enables the leveraging of arrays and parallel process subroutines.		✓
Advanced Logic Builder	Incorporates advanced statements and functions in the Logic Builder - e.g. referencing entities, activities or resources by index in arrays and subroutines.		✓
Complex Expressions in Property Fields	Enter subroutines with a return value in place of a numerical value.		✓
Free-Form Logic	An additional window that allows logic to be entered without the Logic Builder, which enables rapid model building.		✓
Intellisense	An intelligent list of statements, functions and model elements that pops up when writing logic in Free Form Logic.		✓
Syntax Guide	A tooltip that appears in Free Form Logic, which displays the syntax for the statement or function being used.		✓
Hierarchical Modeling with Sub-Processes	Develop high-level summarized views of a process while defining descriptive sub-processes by linking detailed flows to upper level activities.		✓
Resource Pool Definition	Assign different resource types to a common Resource Group allowing for easier selection and unique statistical reporting.		✓
Custom Results Analysis with Excel	Export raw simulated results for additional analysis using Excel.		✓
Initialize Arrivals from Excel	Define Periodic arrivals (optionally or additionally) in Excel and initialize entities with specific attribute values.		✓
Multi-Destination Flexible Routing	Create a single routing connection that allows entities to move to any step in the process flow.		✓

With Process Simulator Professional, your organization can place the most effective tool in the hands of the right users. Process Simulator will provide your organization even more capability to accelerate and improve results of Lean, Six Sigma, and Continuous Process Improvement initiatives.