



# Process Simulator

Process Simulator, our Microsoft® Visio® plug-in, provides rapid model building and scenario analysis enabling optimal operational performance

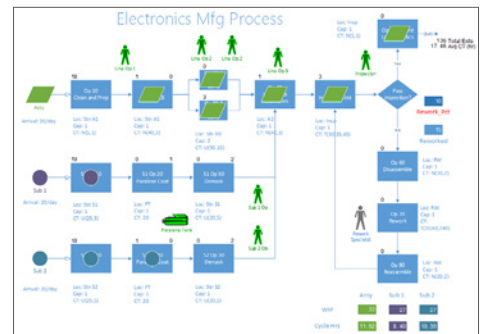


Static flowcharts, workflow diagrams, and CAD drawings can be transformed into dynamic simulation models that accurately predict process performance measures such as throughput, cycle time, resource utilization, and cost per unit... all in a risk-free virtual environment. It's as easy as V-A-O...

**Solution Brief.** [➤](#)

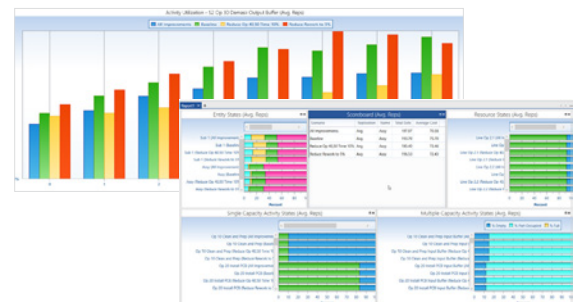
# Visualize

- Easily build simple to complex process models. Then view system performance results via standard reports or export results to Excel or PowerPoint for further analysis.
- See how dynamic conditions such as equipment downtimes or labor absenteeism affect process performance. More importantly, propose and test changes to resolve these problems.
- Watch your processes play out over time to gain a greater understanding of your current or future operating environment.



# Analyze

- Use the standard reports or easily build custom reports to support your individual needs.
- System performance metrics such as throughput, cost, and cycle time are displayed in the animation and the reports.
- Brainstorm using the model to identify potential changes and test improvements.
- Safely consider “out-of-the-box” ideas in a virtual, risk-free environment.



# Optimize

- Perform sensitivity analyses and use Scenario Manager to understand the impact of each system input factor, independent of each other and in combinations, to find the optimal solution.

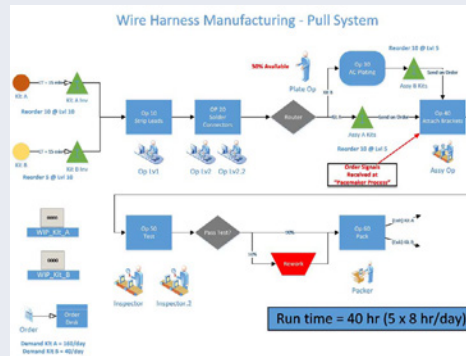
Scenario	Activity 1	Activity 2	Activity 3	Activity 4
Scenario 1	100	100	100	100
Scenario 2	100	100	100	100
Scenario 3	100	100	100	100
Scenario 4	100	100	100	100
Scenario 5	100	100	100	100
Scenario 6	100	100	100	100
Scenario 7	100	100	100	100
Scenario 8	100	100	100	100
Scenario 9	100	100	100	100
Scenario 10	100	100	100	100



# Use Cases

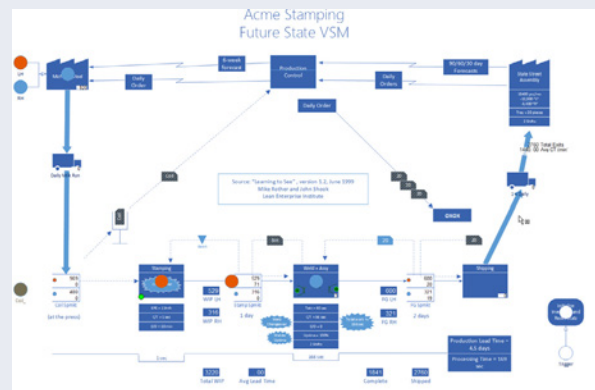
## Capacity Planning

- Determine the right amount of personnel, equipment, tooling, and WIP to meet demand
- Justify capital expenditures
- Test production schedules



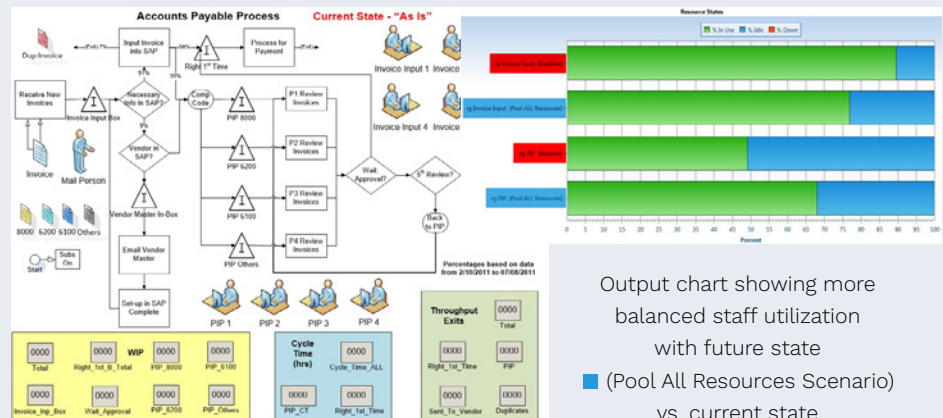
## Lean Six Sigma/Continuous Process Improvement

- Capture value stream maps in Visio to simulate current and future-state scenarios
- Perform “Virtual Kaizen Events” to eliminate disruption and reduce risks of implementing changes on the floor
- Determine what performance gains you can expect before “going live” with process changes



## Back Office|Off-The-Shop-Floor Processes

- Analyze Staffing Options
- Eliminate Bottlenecks
- Decrease Cycle Times



Output chart showing more balanced staff utilization with future state

- (Pool All Resources Scenario) vs. current state
- (Baseline Scenario)

Download a Risk Free Process Simulator trial version today:

[GET STARTED](#)