



Take the risk out of decision making

Animate. Analyze. Evaluate. Improve.

Key Features & Benefits

✓ Import Visio flowcharts directly into SIMUL8

Animated Visio flowcharts provide valuable operational information

✓ Simulation Assistant™

Monitors work and offers advice for building a better simulation

✓ Animate/analyze systems & processes

Discover mistakes before operational implementation

✓ Pinpoint bottlenecks

Determine where problems are before they become problems

✓ Test improvement ideas risk free

Do "What-if" scenarios before investing time and money

✓ Demonstrate & present results visually

Actually show what effect changes have

✓ Interactive SIMUL8 Tutorial with model templates

Gets you up and running with a working model in minutes

✓ OLE Automation

Enables you to control simulations from other Software

✓ Read/Write standard Simulation Definition eXchange (.SDX) files

Exchange data with other supported simulation and CAD software

SIMUL8 Overview

SIMUL8 allows you to put a copy of your operation on your PC

Virtually manage your inventory, plan resource implementation, fine tune customer support or adjust your manufacturing line **before** you invest in real-life execution of your plan. Just drag and drop our smart objects or use a pre-designed template to build your simulation. Then, click RUN to start the animation and gather valuable information.

Review the results of your "what-if" scenarios using SIMUL8's powerful reporting features to determine the optimum mix of resources to accomplish your goals. Monitor metrics like Work-in-progress, Call abandon rates, Customer wait times, Equipment or Labor utilization or Process cycle times.

After you determine the optimum mix of resources, demonstrate and present your results visually to your associates by actually showing them the simulation in action and provide them with the results through SIMUL8's sophisticated reporting features.

Results Reporting Features

SIMUL8's sophisticated reporting features let you monitor important metrics that you define, to determine the optimum configuration, staffing level or process flow.

Examples of metrics that can be monitored are:

- Work-In-Progress
- Call abandon rates
- Customer wait times
- Equipment utilization
- Completed products count
- Cycle times
- Labor utilization



SIMUL8[®]
CORPORATION

Reduced Risk Decisions

Seven words to explain SIMUL8:

- 1) **TEST:** Try out the idea – is it any good? See visually if it is possible and how it reacts to “real life” situations.
- 2) **MEASURE:** Get actual performance measures. How much better is one idea over another?
- 3) **ADJUST:** Running the simulation gives you ideas for improvements. Adjust your metrics and test it for results.
- 4) **PRESENT:** Get your ideas across to your colleagues visually with performance results.
- 5) **JUSTIFY:** Show the best ideas by comparing it to alternatives that don't work or are not as cost effective.
- 6) **COMMUNICATE:** When its time to implement the change or new process, visually communicate it.
- 7) **DOCUMENT:** SIMUL8 acts as a store of how and why the decision was made.

Animate Visio[®] FlowCharts

SIMUL8 installs a SIMUL8 toolbar button in VISIO. Simply open your flowchart in VISIO and click the SIMUL8 button on the toolbar, or in SIMUL8 use the File / Import / VISIO option and choose the VISIO drawing you wish to import.

Business rules and statistics are applied to Visio shapes in SIMUL8, enabling them to perform simulated operations with real-world accuracy, yet in a risk-free environment. Users can test and analyze their ideas and then make changes and improvements.

Detailed analysis and reports can be generated from any object or group of objects in the simulation. When the simulation is finished, it can be saved back to Visio if required so users can work in a familiar environment.

Animate FactoryCAD[®] Files

SIMUL8 supports Engineering Animation Inc.'s (EAI) FactoryCAD Simulation Definition eXchange (SDX) file format. This is a file standard developed by EAI that enables the easy flow of information between CAD and simulation packages. Currently SIMUL8 is the only simulation product supporting this standard, providing you with a complete factory design and analysis solution.

System Requirements:

Windows[®] XP/95/98/ NT 4.0 or higher, 486/66 MHz Processor, 16Mb of RAM for Windows 95/98 and 24Mb RAM for NT, 70Mb free disk space. Mouse or equivalent pointing device and CD-ROM for installation.

Target Markets

Manufacturing

- Analyze lead time, production lines and capacities
- See the impact relocating equipment or adding resources will have without any downtime
- Fine tune a new production line **before** it's built

Call Centers

- Manage inbound and outbound call routing systems
- Reduce customer wait times and abandon rates
- Maximize personnel efficiency

Healthcare

- Justify capital expenditures or staff additions
- Test patient flow
- Compare operational strategies

Transport & Logistics

- Develop traffic scenarios
- Determine optimum vehicle utilization
- Organize resources to meet peak loading dock schedules

Consultants

- Build an animated presentation to express ideas and plans
- Manage a customer's business processes

Business Managers

- Determine personnel change needs
- Better organize business processes

Education

- Teach Simulation
- Consultancy and Research
- Improve school's business processes

Find Out More

For more information on SIMUL8, contact the SIMUL8 office nearest you:

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