



A New Simio Software Release is Coming Soon!

Keep an eye out later this month for the release of Version 18

The Simio team has been hard at work adding new features and enhancements for the upcoming release of Version 18 (officially Version 18.269). In addition to numerous enhancements to boost user efficiency, the upcoming release will also introduce the following new features:

- The highly anticipated and groundbreaking Material Storage Framework
- The innovative all-new Scenario Generator for Experiments (learn more below)
- The public launch of the fully redesigned Simio Portal web application (code-named NextGen Portal), featuring an all-new RESTful Web API
- Expanded import and export support for JSON, XML, Excel, and CSV files to/from S3 buckets and Azure storage
- A very cool Performance Profiler
- A comprehensive redesign of the Documentation Report, featuring significantly enhanced customization options for generating model summaries as HTML reports
- You can now clear tables with a single click—a small yet impactful new feature!
- A newly launched Quick Start video series designed to accelerate the new user onboarding experience

Stay tuned for download details on Version 18 coming later this month!

Have you seen Simio's New Website yet?

Fully redesigned to make your navigation easier and with a return of the Simio blog!



Have you stopped by the new [Simio.com](https://www.simio.com)? Our completely redesigned website has been rebuilt from the ground up to improve your experience and help you find what you're looking for. In addition to the return of the [Simio blog](#), we have streamlined our Resources section to help visitors like you find what you need when you have questions. We hope you'll visit us soon!

New Blog Post

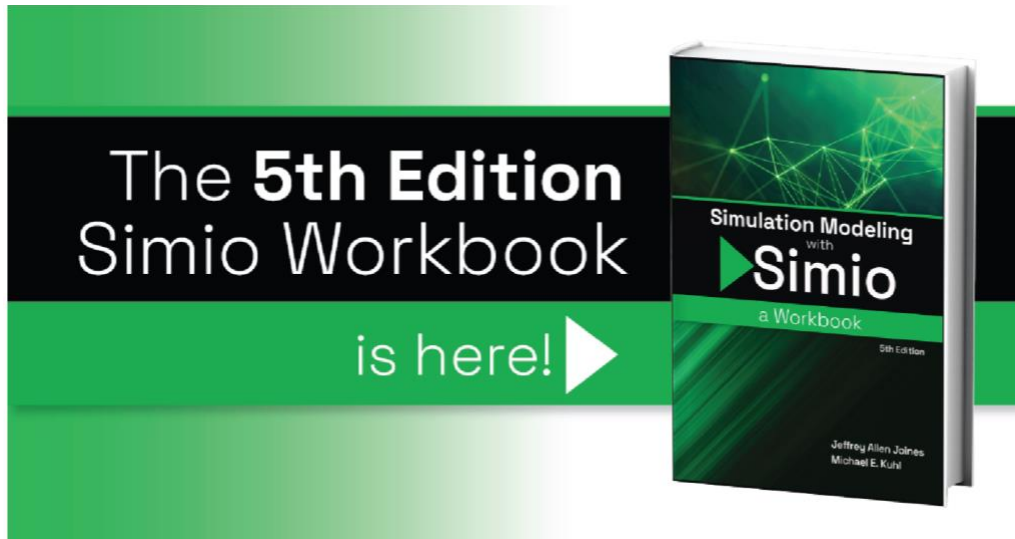
Key Trends Shaping Digital Twin Technology and Discrete Event Simulation in 2024

Check out our newest post on the Simio blog – live now! Are you curious about the emerging trends shaping the landscape of simulation in 2024 and beyond? The new post breaks down the shifts in our industry. Check it out!

[Read the full article here](#)

Simulation Modeling with SIMIO: A Workbook - 5th Edition

Updated workbook is now available for download



Available to you at no cost, this edition of the workbook maintains the successful “participatory” style introduced in the first edition. The workbook encourages you to practice and use your skills as you develop them with participation. We strongly suggest that if you are teaching/learning simulation that you also have one of these non-language books available.

[Download Here](#)

Demand Driven World is Next Week!

**Global DDMRP conference will be held in Frankfurt, Germany
October 17-18, 2024**

Simio is proud to be a Gold Sponsor for the upcoming Demand Driven World conference, hosted by the global authority on the Demand Driven methodology, the Demand Driven Institute (DDI). The conference, being held October 17-18 in Frankfurt Germany, will feature presentations of nine case studies, five special pre-conference sessions, and 25 breakout sessions.

For more information on Demand Driven World, visit their page: [Demand Driven World - The #1 Demand Driven Event in the World](#).

Will we be seeing you at WinterSim 2024?

Simio is proud to be a Platinum Sponsor for this year's event –
December 15-18, 2024, in Orlando, FL

The Winter Simulation Conference (<https://wintersim.org>) is the premier annual international conference focusing on discrete event and multi-mode simulation. The conference features academic and commercial presentations. This year's conference is December 15-18, 2024, and will be held at the Orlando World Center Marriott in Orlando, Florida.

Simio is a Platinum Sponsor for the conference and will hold two user workshops on Sunday, December 15, 2024. If you are interested in learning more about Simio's participation, contact Jeff Smith (VP, Training & Academic Programs) at jsmith@simio.com.



Register Now for the Simio Solution Series Upcoming Webinars

Data Tables: Tips to Best Implement Them in Models and Experiments

Thursday, October 17, 2024, at 11:00AM EDT (3:00 UTC)

In this session, we will look at how data tables can be implemented in your model to drive the creation and behavior of your entities, workers, and machinery. We will look at how to generate objects through data, how to drive entity routes, requirements, and decisions, and how data tables can be used to run experiments and create different possible scenarios.

[Register Now](#)

How to Find “The Best” Model Configuration Using Simio’s Optimization and Statistical Analysis Tools

Wednesday, November 13, 2024, at 11:00AM EDT (3:00 UTC)

This session will focus on how to use Simio's experimentation tools to find "the best" model configuration for a given objective. These tools include Subset Selection function and the OptQuest and Select Best Scenario add-ins. We will discuss the basic concepts of Ranking and Selection and demonstrate the use of these tools with a Simio model.

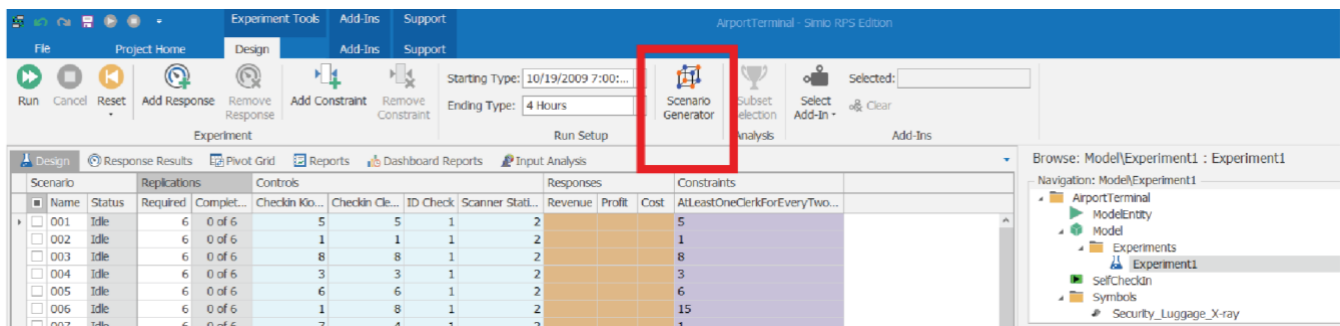
[Register Now](#)

[Watch Previous Webinars](#)

Tips & Tricks from the Simio Team

Introducing the Scenario Generator for Experiments

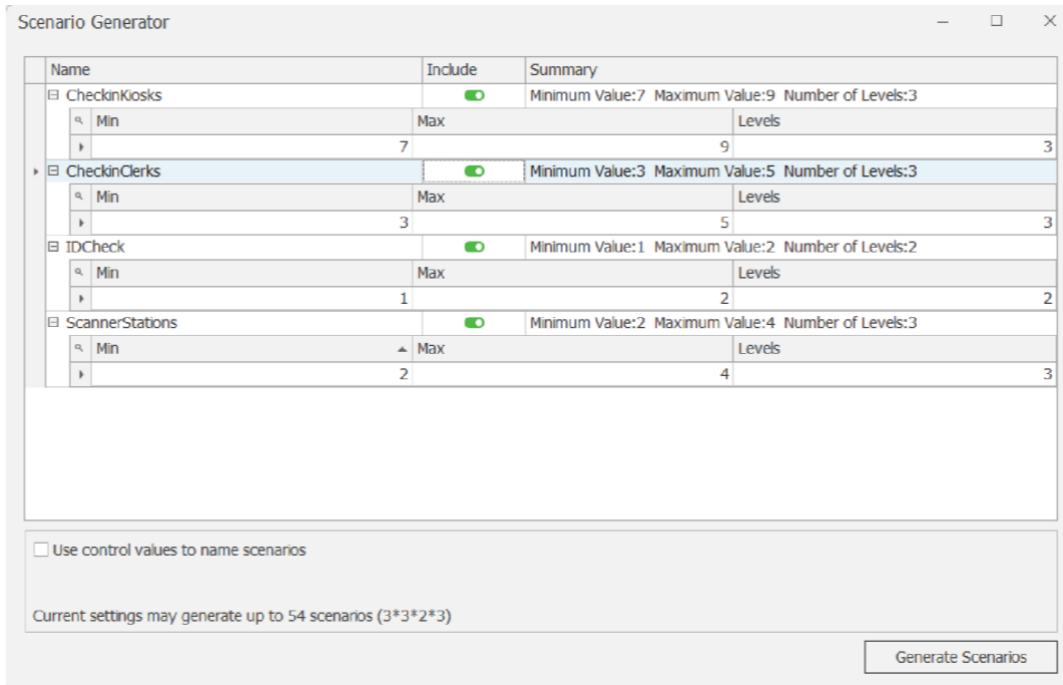
In Simio Sprint 17.266, a new feature titled "Scenario Generator" was released. In any Experiment that is created inside the application, users will have a selectable option along the top ribbon.



With Scenario Generator, users are given an efficient way to create a full factorial Experiment for a model based on the number of controls and the subsequent levels of each control.

In the "AirportTerminal" model contained within Simio's set of Examples, Scenario Generator can be used to setup an experiment for the four different preconfigured Controls.

For each Control, users can specify whether or not to include a Control in the Experiment (the Control will revert to the Default Value if not included), and for every Control that is included, the Minimum Value, Maximum Value, and # of Levels constraints all be specified and prepared for generation. On the bottom of the console, Scenario Generator will also preview the potential maximum number of scenarios to be generated, subject to any Experimental constraints that may be posed.



What results is a full set of Scenarios prepared to be executed. Consider using Scenario Generator for your Design of Experiments work today!

Design													
Scenario		Replications		Controls				Responses			Constraints		
✓	Name	Status	Required	Comple...	Checkin Kio...	Checkin Cle...	ID Check	Scanner Stati...	Revenue	Profit	Cost	AtLeastOneClerkForEveryTwo...	
✓	Scenario1	Idle	10	0 of 10	4	8	1	2				12	
✓	Scenario2	Idle	10	0 of 10	4	8	1	3				12	
✓	Scenario3	Idle	10	0 of 10	4	8	1	4				12	
✓	Scenario4	Idle	10	0 of 10	4	8	2	2				12	
✓	Scenario5	Idle	10	0 of 10	4	8	2	3				12	
✓	Scenario6	Idle	10	0 of 10	4	8	2	4				12	
✓	Scenario7	Idle	10	0 of 10	4	10	1	2				16	
✓	Scenario8	Idle	10	0 of 10	4	10	1	3				16	
✓	Scenario9	Idle	10	0 of 10	4	10	1	4				16	
✓	Scenario10	Idle	10	0 of 10	4	10	2	2				16	
✓	Scenario11	Idle	10	0 of 10	4	10	2	3				16	
✓	Scenario12	Idle	10	0 of 10	4	10	2	4				16	
✓	Scenario13	Idle	10	0 of 10	4	12	1	2				20	
✓	Scenario14	Idle	10	0 of 10	4	12	1	3				20	
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✓	Scenario26	Idle	10	0 of 10	5	10	1	3				15	
✓	Scenario27	Idle	10	0 of 10	5	10	1	4				15	
✓	Scenario28	Idle	10	0 of 10	5	10	2	2				15	
✓	Scenario29	Idle	10	0 of 10	5	10	2	3				15	
✓	Scenario30	Idle	10	0 of 10	5	10	2	4				15	

-Contribution from Drew Rose, Simio Solutions Engineer



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Simio LLC, 504 Beaver Street, Sewickley, PA 15143

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