Simio® Simulation

Simulation Engineering Technologies

Simulation Engineering Technologies (SET) is a supplier of the various simulation and optimisation software packages, including Simio® in Africa, Canada and the Middle East.

Our professional services include the application of various industrial engineering techniques and principles like process simulation, capacity planning, operations improvement, systems optimisation, production scheduling, work studies, training etc.

Simulation

What? A simulation model is a computer model that mimics the behavior of a real system. It represents operations of a real-world or planned process and observes the system history and draws inferences about system characteristics in order to provide you with decision support.

Why? Of the numerous reasons to simulate, the most basic are complex systems or problems, to account for variability and system interdependency and to provide accuracy in results and confidence in your decision making. Other key outcomes of simulation are:

- Test the system
- Identify Problems / Bottlenecks
- Find Best Solution
- Reduce Risk and Eliminate Uncertainty
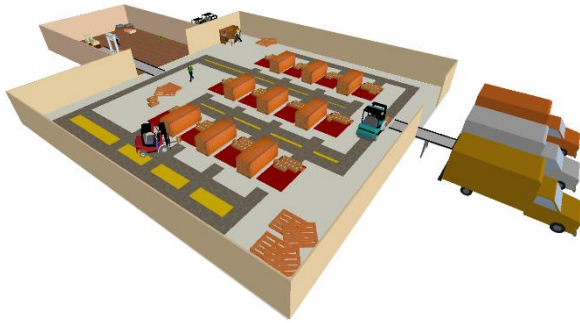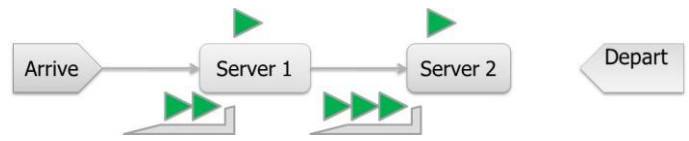- Validate Process Improvement
- Sensitivity Analysis

Simio®

Simio is a unique multi-paradigm modeling tool that combines the simplicity of objects with the flexibility of processes to provide a rapid modeling capability without requiring programming.

Simio's straightforward drag-and-drop interface allows users to create models quickly and easily -- giving new users a glimpse into the future of their designs. Simio is simulation software with superior flexibility and the ability to quickly model your system without compromise. Simio is rapid modeling without programming so profits accrue sooner. Simio is simulation software at the speed of business.

Intelligent objects with integrated 3D!

Simio is a simulation modeling framework based on intelligent objects. The intelligent objects are built by modelers and then may be reused in multiple modeling projects. Simio also supports a seamless use of multiple modeling paradigms including event, process, object, and agent-based modeling.

Simio provides a true object-based 3D modeling environment which lets you construct your 3D model in a single step from a top-down 2D view, and then instantly switch to a 3D view of your system. You simply drag and place your 3D objects from an Object Library into your facility view of the model.

All Simio model-building products directly integrate with Google Warehouse to allow you to quickly download from a massive library of freely available 3D symbols to easily and quickly add realism to your models.

Flexible & Risk Free

Simio is available in five flexible editions with various licensing options, assisting any user with their simulation needs at the level they require:

- Portal – Web Based
- Express – Objects Only
- Design – Full Flexibility
- Team – Multiple Users
- Enterprise – Advanced Scheduling

Simio also comes with a **60 Days Fully Refundable Warranty** and the first 60 days of maintenance FREE! Maintenance includes technical support and software updates.

The Simio® Advantage

- Lower total cost of ownership delivers faster results with less investment in time and money.
- Integrated 3D technology provides an immersive visual experience.
- True object-oriented design makes Simio easy to extend.

- Modern user interface to simplify learning and using.
- Advanced architecture for the future.
- Academic support to meet the needs of education.

Contact Us:

www.setec.co.za

Physical: Bastion House, 52 Lyttelton Rd, Clubview, Centurion, 0157, South Africa

Postal: Postnet #510, Private Bag X1007, Lyttelton, 0140

Tel: +27 (0)12 660 3772 | Fax: +27 (0)86 590 5074 | Email: info@setec.co.za

Registration Number: 2004/006111/23|

SIMULATION ENGINEERING
TECHNOLOGIES