



EPICENTRAL

A Newsletter from Epicenter Development Group highlighting ideas that improve organizations

Welcome to Epicenter Development Group's newsletter, EPICentral. The purpose of this newsletter is to highlight fundamental ideas that have helped organizations develop and maintain great manufacturing and service operations. We hope that you find our EPICentral newsletter helpful, and we would welcome your comments on its content.

Simulation Modeling - Taking Your Design on a Test Drive

Back in 1986 when I first began using discrete simulation modeling (Simulation) as a design tool, it was expensive and difficult to use, and ran on mainframe computers. Although recognized as a powerful tool for designing new systems and making better decisions, Simulation was not accessible to smaller companies. Today, however, Simulation has become much more accessible to all-sized organizations and can be integrated with more main-stream business applications like MS Visio, Excel and AutoCAD. This month's article outlines some of the benefits of using Simulation and a general approach for making simulation projects more successful.

When to Use Simulation:

- **A Big Investment Ahead** - If you're about to spend a lot of money to purchase new equipment or implement a new system, Simulation can help you to evaluate whether your new system will meet your needs. Along the way, Simulation can also help identify opportunities for improving your design concept so that you can get the most value for your money.
- **Lots of People Involved** - As they say, a picture is worth a thousand words, and an animated Simulation can help your team to collaborate on creating the best design concept possible. In addition, Simulation projects often help to clarify assumptions and identify potential design issues before they become reality (and are more expensive to address).
- **Several Options to Consider** - As organizations try to get the most value for their investment, Simulation offers a method for evaluating several options at a low cost. The project team can run several "experiments" to understand the trade-offs between design options and the system performance (capacity, costs, quality, and lead-time, for example).

sales@epicentergroup.com.

Epicenter Development Group is a unique consulting firm that seamlessly integrates the disciplines of Systems Engineering and Organizational Analysis & Development to create practical design solutions to your toughest challenges. It is on the cutting edge of problem-solving solutions and the creator of a unique process called GreenRoom Engineering. This process adds greater value and cost savings for clients as compared to traditional engineering methods.

William Proctor, Epicenter's founder and president, has provided services around the country to more than 100 companies consisting of a variety of organizations; and Epicenter continues to grow as a resource for firms of all sizes.

To learn more about Epicenter Development Group, visit our website:

www.epicentergroup.com

Epicenter News



Quick Links

[Comments/Suggestions](#)

[Archive](#)

[Unsubscribe](#)