

# MOSIMTEC'S Simulation & Modeling Mentoring Program

*Building an Internal Simulation Center of Excellence*



*The lessons I learned from MOSIMTEC elevated my model building capabilities beyond what I found in the textbooks. I learned ways to build models more quickly, in a manner that will make them easier to maintain in the future.*

- Simulation Manager, Large Shipping Company



**MOSIMTEC**<sup>TM</sup>  
predict. decide. improve.

**O**rganizations often find themselves in need of world class, internal simulation capabilities. However, it can be hard to obtain that level of expertise without having a seasoned professional to hand down lessons learned. That is where MOSIMTEC can help. In addition to traditional simulation training and consulting, MOSIMTEC can set up a structured mentoring program, tailored to your environment, to ensure your company's simulation practice is a long term success.

# Training & Mentoring Activities

Below are some of the activities that may occur in a simulation mentoring engagement:

- **Traditional Classroom Training**
  - Traditional classroom training is a great way to jump start your knowledge of simulation modeling. MOSIMTEC offers both public course and private, on-site courses.
- **Recruiting Assistance**
  - MOSIMTEC can assist you in writing job descriptions and understanding the most important characteristics to look for to maximize your probability of getting the right candidate.
- **Project Jump Start**
  - MOSIMTEC helps you plan out your first simulation project and discuss pros and cons of various approaches for modeling the system of interest. Time is typically allocated to provide support on an ad-hoc basis as the project progresses.
- **Initial Project Oversight**
  - More rigorous than the project jump start, MOSIMTEC reviews your work on regularly scheduled intervals to pro-actively offer suggestions to develop models more efficiently and effectively.
- **Shadowing Engagement**
  - MOSIMTEC provides traditional consulting services, with additional time set aside to ensure the client's simulation practitioners understand much of what goes on "behind the scenes."

## Benefits

Previous participants in the mentoring program have walked away with a more complete knowledge of how to develop simulation models in an efficient & effective manner. One participant reduced the footprint of their model by 42%, making it much less time consuming to add functionality in the future and continue to gain value from their simulation investment. Another was able to learn how to reduce animation file size by 12,000% while learning how to create an enhanced 3D animation that "will blow them (stakeholders) away."

Simulation can be a powerful tool for making good business decisions. A mentoring relationship with simulation experts can ensure your investments in software, training, and hiring are used to their fullest.

## A Customized Approach

Every company has a different starting point and destination. After discussing your organization's current situation and long term needs, MOSIMTEC will recommend an engagement tailored to your organization. Contact MOSIMTEC today at [contact@mosimtec.com](mailto:contact@mosimtec.com) to discuss your simulation training & mentoring options.

MOSIMTEC is headquartered in Washington, D.C., and assists clients in making better decisions through the application of advanced decision support tools. The MOSIMTEC team has extensive experience working with leading computer simulation software. We help predict outcomes, prescribe actions, and improve operations for clients across various industries.



<http://mosimtec.com>  
[contact@mosimtec.com](mailto:contact@mosimtec.com)  
+1 (571) 766-8050  
297 Herndon Parkway, Suite 301  
Herndon, VA 20170