Software Training

MOSIMTEC
AnyLogic Partner

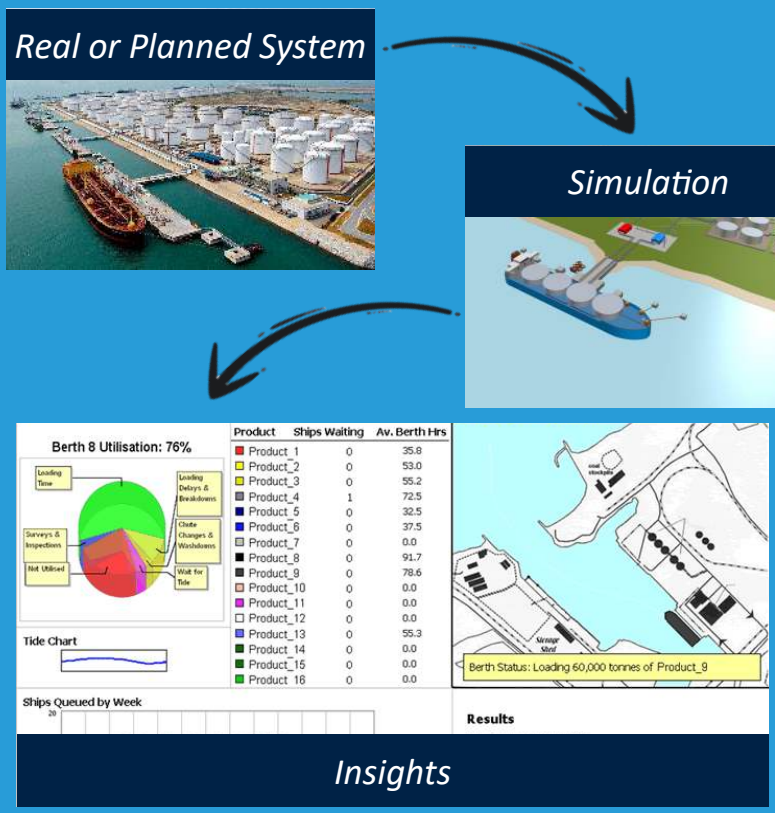
Simulation **integrates business domain knowledge** with advanced analytical techniques to **model real world events**, to **maximize business processes** and **decision effectiveness**.

Are you new to Modeling and Simulation?

Are you an Experienced modeling user looking to advance your skills?

Are you interested in learning the capabilities of Modeling and Simulation?

Then this is the Course for you!



AnyLogic® is the standard in multimethod modeling technology, delivering increased efficiency and less risk when tackling complex business challenges. The unmatched flexibility allows users to capture the complexity of virtually any system, at any level of detail, and gain a deeper insight into the interdependent processes inside and around an organization.

MOSIMTEC's experienced team brings real-world lessons learned from our consulting engagements to help you build Modeling and Simulation knowledge from the ground up. We share best practices, identify pitfalls and help clients fast-track solutions for their areas of focus.

3-day course content

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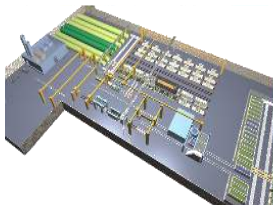
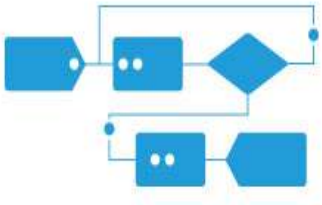
www.mosimtec.com

Day 1

Introduction to Simulation & AnyLogic®

We provide an overview of simulation technology, its appropriate uses, benefits, pitfalls and typical results. It is highly recommended to include upper management in this portion of the course. This allows everyone to understand the technology & its potential, and set realistic expectations.





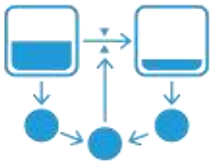
Discrete Event Modeling

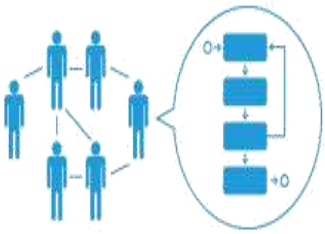
Discrete Event Modeling studies a sequence of separate, discrete, events. Each event takes place at a specific moment in time and signals a change of state in a system. This modeling method concentrates on the processes in a system at a medium level of abstraction and is widely used in the manufacturing, logistics, and healthcare fields.

Day 2

System Dynamics

In this session, we look at how System Dynamics is a highly abstract method of modeling. It does not centralize on the fine details of a system, such as the individual properties of people, products, or events, and produces a general representation of a complex system. These abstract models may be used for long-term, strategic modeling and simulation.





Agent-based Modeling

Agent-based Modeling focuses directly on individual objects, their behavior, and their interactions. As such, it is a set of interacting objects that reflect relationships in the real world. The results make Agent-Based Modeling a natural step forward in understanding and managing the complexity of today's business and social systems.

Day 3

Multimethod Simulation Modeling

Each modeling method discussed up to this point have individual drawbacks. Here, we overcome them by employing Multimethod Simulation Modeling. Successful utilization of this method, results in obtaining the most out of each modelling method. This will lead to efficient and manageable models without using workarounds.

Advanced topics & Real-world examples

This is a fantastic opportunity to start applying what has been learned and get professional assistance in getting your initial projects off to a good start. Discuss model performance, distributed development and data visualization.

MOSIMTEC provides AnyLogic® Simulation consulting. As an AnyLogic® Partner and Training Provider, we also provide both Custom On-Site Training and Mentoring Programs for organizations developing in-house capabilities.

MOSIMTEC

future proof your business