

ANYLOGIC – SOFTWARE ECOSYSTEM FOR SIMULATION

Andrei Borshchev¹, Nikolay Churkov¹, and Ruslan Ibragimov¹

¹The AnyLogic Company, Chicago, IL, USA and Lisbon, PORTUGAL

ABSTRACT

AnyLogic is the leading simulation modeling software ecosystem for business applications, utilized worldwide by over 40% of Fortune top 100 companies. It includes a model development environment (available in desktop and cloud versions), as well as cloud- or server-based execution environment for digital twins/models used operationally. We will give an overview of modeling capabilities of AnyLogic (featuring discrete event, system dynamics, and agent-based methods, and Material Handling, Process Modeling, Fluid, Pedestrian, Road Traffic, and Rail libraries) and show options for model deployment, connectivity, and workflow integration via AnyLogic Cloud. This year we are opening the Technology Preview of AnyLogic 9, our online model editor, for free public access, and you will be able to watch the full development-to-deployment cycle done from the browser – and, of course, try it yourself.