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For Immediate Release:

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MiMiC v3.5 - Easier Dynamic Simulation for Plant Life-Cycle Business Results

CHESTERFIELD, MISSOURI, USA (June 7, 2013) MYNAH Technologies announces the release of MiMiC v3.5, a dynamic, multi-purpose simulation software for plant life-cycle business results. MiMiC addresses the need to improve the operations of process plants through the use of dynamic simulation for control system development, testing and optimization, operator training, process hazard analysis review, operation documentation validation, and Operation Excellence (OPEx) initiatives.

Complex Dynamic Models for Less Time and Cost

MYNAH is committed to reduce the cost and time required to develop good dynamic models of process plants. A key example of this commitment is demonstrated in the MiMiC v3.5 Reactor Object. The Reactor Object is based upon the Continuous Stirred Tank Reactor Unit Operation but can be applied to a wide range of industrial kinetic and catalytic reactors. The MiMiC Reaction Assistant application provides easy configuration of complex chemical reactions while the Reactor View application gives the user valuable insights into the dynamics and performance of this model. In addition to the Reactor Object, MiMiC v3.5 includes seven new Advanced Modeling Objects: Multi-Stage Steam Turbine, Surface & Jet Condensers, Vessel with VLE Pipe Delay, and Advanced Source and Sink. MiMiC Advanced Modeling Objects are easy to configure and maintain, significantly reducing the time and cost required to develop dynamic process simulations.

MiMiC Simulation Studio, the graphical development application for process modeling, has also been enhanced to include a new graphical drawing mode, a simpler way of relocating stream destination, a model recovery feature, and an easier method of tracing data references. These improvements continue to make MiMiC a breakthrough solution for ease of dynamic process modeling.

Extending dynamic simulation to new processes and users, MiMiC v3.5 contains a new, updated Thermodynamic property database with 1700 components, along with a Property Database Editor application that allows users to add their own custom components to the property database.

Operator Training Systems Easier to Build and Maintain

As more process users realize the necessity of operator training, Component Studio, MiMC's Instructor Station application, includes several significant enhancements for allowing quicker instructor training screen building and providing better run time performance.

Keeping track of model and training system enhancements is easier with a new model version control feature in MiMiC v3.5. A new application, Model Dependency Viewer, provides a graphical representation of model interdependency, making it easier to enhance and troubleshoot process models.

Easier Integration with Control System Simulators

MiMiC continues to provide the easiest integration with control system simulators of any dynamic simulation platform. In MiMiC v3.5, a new Simulated IO Driver for Siemens S7 Automation Systems has been released along with significant enhancements for DeltaV Virtual SX Controllers, Rockwell PLCs using EtherNet/IP.

“MiMiC v3.5 demonstrates our commitment to reduce the time and cost required to develop and maintain dynamic simulations”, said Martin Berutti, President/COO of MYNAH Technologies. “Process plants across the globe are realizing the life-cycle benefits of dynamic process simulation with MiMiC.”

MiMiC v3.5 has been released for any new system purchases. MiMiC users who are current on MiMiC Software Support can upgrade to MiMiC v3.5 for no additional charge.

MiMiC Simulation Software is a dynamic process and I/O simulation solution designed for automation system testing and operator training. MiMiC is scalable from small to large projects, offering solutions for any process industry user. Unlike other simulation offerings, MiMiC is designed to be implemented by the end-user so that developing, modifying and maintaining dynamic simulation is easy and cost-effective. MiMiC works with many off-line process control systems, including Emerson Process Management DeltaV, Schneider Electric Unity and Quantum platforms, Rockwell PlantPAx, Previser ABB Simulator and other automation systems that support the OPC or Open Modbus TCP/IP protocols. By testing their automation system and training operators with MiMiC, process companies worldwide have increased product quality while reducing time to market, cost and risk. MiMiC is a proven tool for both Capital Project Excellence (CapEx) and Operational Excellence (OpEx) initiatives.

About MYNAH Technologies

MYNAH Technologies, LLC is a leading provider of Simulation Software for automation system acceptance testing, operator training and Industrial Ethernet Solutions. MYNAH's MiMiC Simulation Software is used in more than 1,200 sites in 68 countries worldwide ranging from hydrocarbon production and refining to chemical, pharmaceutical and biotech industries. MYNAH has been recognized by CONTROL, Control Engineering, Chemical Processing and Automation World Magazines for their simulation solutions and exceptional service. MYNAH Technologies' headquarters is located in the St. Louis metropolitan area, in Chesterfield, Missouri, USA.

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