



For Immediate Release

MYNAH Announces Release Mimic v3.6: Fast, Easy & Flexible Dynamic Simulation for Life-Cycle Results

CHESTERFIELD, MISSOURI, USA (April 1, 2015) MYNAH Technologies announces the release of a new version of Mimic, the preferred dynamic simulation software for plant life-cycle business results.

Mimic Simulation Software v3.6 is a next-generation software platform for the process industries, providing fast, easy, flexible, dynamic simulation for plant operations life cycle results.

Dynamic Modeling

Mimic v3.6 is the next step in our initiative to reduce the cost and time required to develop real-time, accurate dynamic simulations of process plants and includes significant enhancements to Mimic's modeling library.

Mimic v3.6 includes the release of the mineral processing object library developed in coordination with Portage Technologies. This library includes 14 new advanced modeling objects, integrated with solids property tracking, particle size distribution and tunable comminution matrix in every object. This modeling library has been proven on several mineral processing projects in 2014.

Life science users can now fully reap the benefits of lifecycle dynamic simulation with the introduction of the new Bioreactor advanced modeling object. Developed by industry veteran, Greg McMillan and based upon the ISA publication "New Directions In Bioprocess Modeling and Control", the Mimic Bioreactor model provides new opportunities to improve the operation of biotech facilities and the development of biotherapeutics. The object is currently in use on a dynamic simulation project for a large life sciences company.

Oil & gas and chemical plants will benefit from new dynamic modeling objects in Mimic v3.6, including the Advanced Turbine (gas & steam), updated Furnace and significant performance improvements to Mimic's Pressure-Flow Solver. These new objects are currently in use in several hydrocarbon upstream and petrochemical projects.

MYNAH has extended the technical leadership of the Mimic simulation platform in v3.6 with the release of a user defined multi-threading engine that allows for high level parallel computing and optimization of simulation performance. This new capability is built on a complete 64-bit architecture, including double precision floating point calculations and extended support of 64 simulation nodes in one Mimic system. Mimic continues to be the leader in real-time performance and large dynamic simulations.

Dynamic Simulation is Fast, Easy, Flexible

Traditionally building high fidelity dynamic models has been costly, complicated and time consuming. MYNAH's goal is to reduce the time and cost of making this technology available to plant operations. Mimic v3.6 features significant enhancements that reduce the time and complexity of building and using dynamic simulations.

The Mimic Bulk Generation Utility, enhanced in v3.6, allows simulations to be generated directly from project design data for any control system platform. This also allows the user to begin development of the dynamic simulator prior to the control system configuration, extending the life cycle benefits of the simulator investment even earlier into the project.



The Mimic v3.6 component database, that now includes over 1,500 compounds, also allows the user to define custom or pseudo components providing additional modeling flexibility and performance.

Mimic v3.6 also includes the release of the Mimic External Modeling Interface (Memi) which provides a direct, synchronized DLL interface to the Mimic simulation engine. This allows users to quickly and effectively integrate process models developed in other software packages or programming languages.

Plant Life Cycle Results

Mimic was designed for plant life cycle business results through easy integration with any control system simulator platform. In Mimic v3.6, this has been extended with the release of the ABB 800xA simulated IO driver. In addition, Mimic v3.6 provides easy integration with Emerson Process Management DeltaV, Schneider Electric Unity and Quantum platforms, Rockwell PlantPAx, Siemens S7 PLC Simulator, and any other automation systems that support OPC, Modbus TCP/IP, or EtherNet/IP protocols.

Mimic v3.6 also includes usability enhancements to the Mimic Operator Training Manager, which provides easy, intuitive development of operator training systems.

“The life cycle benefits of dynamic simulation is proven, but the cost and time required for the development and maintenance of these systems has traditionally prevented users from receiving its full value” said Mart Berutti, President and COO of MYNAH Technologies. “Our goal with Mimic is to reduce this cost and time to deliver greater value and extend the benefits to new users and industries. v3.6 is the result of years of development, customer feedback, and our drive to deliver more cost effective, better performing dynamic simulation. It will change how the process industries can use dynamic simulation to improve plant operations.”

Mimic v3.6 is available for any new system purchases. Mimic users who are current on Mimic Software Support can upgrade to Mimic v3.6 for no additional charge.

About MYNAH Technologies

MYNAH Technologies, LLC is a leading provider of a life cycle dynamic simulator used for automation system testing, operator training and plant operations improvements. MYNAH’s Mimic Simulation Software is used in more than 1,300 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.

MYNAH and Mimic are marks of MYNAH Technologies, LLC. All other marks are property of their respective owners. Information on MYNAH’s products and technologies can be found at www.mynah.com.

Contact:

Noelle Hasser

MYNAH Technologies

+1.636.728.2036

Noelle.Hasser@mynah.com

###