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MATHWORKS ANNOUNCES RELEASE OF SIMULINK DESIGN VERIFIER 2.0

Offers New Capabilities for Automatic Error Detection in Simulink Models

NATICK, Mass. – July 7, 2011 – [MathWorks](#) today announced that [Simulink Design Verifier](#) now includes [Polyspace](#) analysis technology for automated error detection in Simulink models. Simulink Design Verifier 2.0 integrates Polyspace error detection with existing property proving and test generation capabilities to help reduce the time required to find and fix the root cause of design errors, decreasing the overall cost of verification and validation.

Engineers across the aerospace, automotive, medical, and industrial automation and machinery industries can now apply [Model-Based Design](#) with formal analysis methods provided by Simulink Design Verifier 2.0 to identify design errors in Simulink and Stateflow models without extensive testing or simulation.

Key product features include:

- Detection of dead logic, integer and fixed-point overflows, division by zero, and assertion violation
- Blocks and functions for modeling functional and safety requirements
- Test vector generation from functional requirements and model coverage objectives
- Property proving, with generation of violation examples for analysis and debugging
- Fixed-point and floating-point model support

For a video demo overview of Simulink Design Verifier and the new capabilities, please visit mathworks.com/products/sldesignverifier.

Availability and Pricing

Simulink Design Verifier is available immediately. U.S. list prices start at \$8000. For further information, visit the product Web site at mathworks.com/products/sldesignverifier.

About MathWorks

MathWorks is the leading developer of mathematical computing software. MATLAB, the language of technical computing, is a programming environment for algorithm development, data analysis, visualization, and numeric computation. Simulink is a graphical environment for simulation and Model-Based Design of multidomain dynamic and embedded systems. Engineers

and scientists worldwide rely on these product families to accelerate the pace of discovery, innovation, and development in automotive, aerospace, electronics, financial services, biotech-pharmaceutical, and other industries. MathWorks products are also fundamental teaching and research tools in the world's universities and learning institutions. Founded in 1984, MathWorks employs more than 2200 people in 15 countries, with headquarters in Natick, Massachusetts, USA.

For additional information, visit www.mathworks.com.

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