

PRESS RELEASE

For immediate release

CRANES SOFTWARE AND THE MATHWORKS OFFER AEROSPACE BLOCKSET 2 IN INDIA

New FlightGear Flight Simulator Interface Brings Vehicle Modeling, Simulation, and Visualization Capabilities to the Desktop

Bangalore, September 13, 2005 – Cranes Software International Ltd., a global scientific & engineering software products and solutions provider, along with The MathWorks Inc., makers of MATLAB & Simulink Technical Computing & Simulation software, today announced the availability of the Aerospace Blockset 2 in India.

The new FlightGear Flight Simulator Interface builds on the foundation of Simulink® and Model-Based Design for aerospace vehicle modeling, simulation, and visualization. New features bring high-quality flight simulation graphics to the desktop, where modeling and simulation is more accessible and economical than design and test conducted in a lab. Additionally, the new version provides off-the-shelf, drag-and-drop representations of aerospace components using standards-based reference models. Consequently, engineers can use the Aerospace Blockset 2 to optimize vehicle subsystem configurations and rapidly perform subsequent tradeoff studies earlier in the design stage.

Interfacing with FlightGear flight simulator software, new animation blocks in the Aerospace Blockset 2 enable users to visualize vehicle dynamics in a sophisticated 3-D simulation framework. Engineers can now quickly evaluate and verify complex flight dynamics before committing to a final design by using Simulink for multidomain simulation and Model-Based Design.

"The Aerospace Blockset has desktop visualization capabilities that provide the ability to quickly analyze the response of an aerospace system, not only from a pilot's perspective, but also from a

chase aircraft or ground observer," said Kevin Cunningham, Aerospace Engineer, NASA Langley Research Center. "The ability to present visual animations is particularly beneficial when complex multi-axis dynamic maneuvers are being evaluated. Now, non-subject matter experts are able to comprehend the results more effectively."

The Aerospace Blockset 2 also extends support for navigation and tracking applications. Expanded modeling utilities, including transformations and equations of motion for world or Earth-Centered Earth-Fixed (ECEF) coordinates, enable engineers to model high-orbiting and long-range vehicles. Similarly, point-mass models make possible the simplified representations characteristic of multiple-body modeling. Plus, an expansion of the GNC library with navigation blocks – an accelerometer, gyroscope and inertial measurement unit – enable users to meet difficult design schedules by providing pre-built components when testing full vehicle designs.

"The Aerospace Blockset 2 is a more advanced version of its predecessor that we launched in India three years ago and offers many additional features," said Pradeep Kumar, Sr. Vice President, Cranes Software International Ltd. "This new product is capable of bringing quality flight simulation graphics to the desktop and makes modeling and simulation more accessible and economical to the aerospace engineering community in India."

"We are pleased to be providing the aerospace engineering community with a product that not only bridges the gap between modeling, simulation and flight simulation graphics software, but also helps meet the growing demand for designing low-cost, high-endurance aerospace vehicles," said Jennifer Petrosky, industry product marketing manager, The MathWorks. "Now, engineers can save time and money by using desktop modeling and simulation capabilities rather than relying on costly lab-conducted design and testing methods."

About Cranes Software International Limited

Cranes Software is a global scientific & engineering products and solutions provider. The Company's business interests straddle products, services, R&D in future technologies, training and high-end consultancy for engineers and scientist worldwide. Focused on the scientific and

engineering community, Cranes Software has addressed the needs of a variety of customer groups ranging from large multinational companies to government, defence, educational and research institutions for over a decade.

Today, Cranes Software has its presence in 38 countries across the world and has a customer base of more than 350,000. Cranes Software also offers world-renowned solutions from reputed principals such as The Mathworks, Texas Instruments, IBM through product alliances.

With a mission statement to provide its customers the best in scientific technology and to enable its customers to define new limits, Cranes Software is setting new standards in the scientific and engineering field. *For further information on the company, please visit www.cranessoftware.com*

About The MathWorks

The MathWorks is the world's leading developer of technical computing software for engineers and scientists in industry, government, and education. With an extensive product set based on MATLAB® and Simulink, The MathWorks provides software and services to solve challenging problems and accelerate innovation in automotive, aerospace, communications, financial services, biotechnology, electronics, instrumentation, process, and other industries.

The MathWorks was founded in 1984 and employs more than 1,000 people worldwide, with headquarters in Natick, Massachusetts. *For additional information, visit www.mathworks.com*

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For further information, please contact

Amrita Dhindsa
Cranes Software International Ltd.
Tel: +91 80 51120000
Fax: +91 80 51231274
Email : amrita.dhindsa@cranessoftware.com

Anish Augustine
Genesis PR
Tel : +91 80 2558 9122
Fax : +91 80 258 1704
Email : aagustine@genesispr.com

Authorized Signatory Cranes Software International Ltd

Pradeep Kumar
Sr. Vice-President, Cranes Software International Ltd.