

## Press Release

### **AIRBUS chooses Simulayt's fiber simulation software in a significant multi-site sale of Advanced Fiber Modeler -----**

**BROOKWOOD, UNITED KINGDOM –5<sup>th</sup> February 2008- -**

**SIMULAYT** Limited, the niche composites modeling software house today announced that AIRBUS has made a significant, multi-site purchase of its Advanced Fiber Modeler for CATIA V5 product for use throughout Europe and beyond in the A350 XWB and other programs.

Dr John Klintworth, CEO of Simulayt commented "AIRBUS is committed to extensive use of composite materials on future aircraft, including structures with extremely complex geometry. We are delighted that AIRBUS has selected our fiber simulation solution following extensive trials that fully exercised our unique simulation capabilities. These powerful capabilities are fully integrated within the CATIA Composites Workbench, allowing seamless access by engineers at AIRBUS and their suppliers and total integration within the CATIA-based workflow. This will ensure consistent use and collaboration across the enterprise."

#### **Simulayt Limited**

Simulayt develops and licenses the Layup Technology, which incorporates advanced fiber simulation and ply modeling capabilities. This technology allows the efficient and integrated design, analysis and manufacture of fiber reinforced products. By simulating manufacturing processes and linking this data to analysis and design models, the engineer can develop better products with greater robustness at lower cost.

With the continuous expansion of composite materials, the Layup Technology is now used extensively in the aerospace, automotive, marine, energy, leisure and other industries utilising fiber reinforcement. Simulayt's products include Advanced Fiber Modeler for CATIA V5, Composites Link for CATIA V5 and Composites Modeler for Abaqus/CAE. In addition, the Layup Technology is licensed for use in MSC Software's Patran Laminate Modeler and Anaglyph Limited's Laminate Tools.

Simulayt uniquely offers solutions which bridge all engineering disciplines to offer a composites engineering solution of proven capability and broad application.

#### **Advanced Fiber Modeler**

AFM allows instantaneous generation of flat patterns as a check on fiber simulation, and allows the user to simulate material application with greater accuracy using a seed curve or order of drape regions. The seed curve capability allows the user to guide warp, weft or bias directions along a curve to constrain the fiber directions along a chosen path. The order of drape capability models the sequential application of fabric to a surface to allow highly accurate modeling and the generation of complete manufacturing data. These capabilities are fully-integrated within the CATIA V5

Composites Workbench, to provide the most powerful, end-to-end composites design and manufacturing capabilities within the CATIA V5 environment.

Simulayt has been a software partner of Dassault Systemes' since November 2005 and AFM was the first product it released allowing the two companies' software to be used together.

For further information please contact:-

Elizabeth Klintworth-Business Director

Tel: +44 1483 476521

[elizabeth.klintworth@simulayt.com](mailto:elizabeth.klintworth@simulayt.com).

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