

SPRING Technologies to showcase NCSIMUL SOLUTIONS at IMTS 2012

*SPRING Technologies will be demonstrating its latest innovations
at the leading US show, McCormick Place Chicago, September 10-15, 2012*

Cambridge, MA- MAY 2012

SPRING Technologies Inc., the software vendor of the popular NCSIMUL SOLUTIONS dedicated to CNC machine tools and shop floor processes, welcome visitors to **IMTS 2012, booth E-3267** to learn more about its productivity-enhancing products. Its comprehensive solutions portfolio includes:

- NCSIMUL to simulate and optimize NC programs (machining, drilling, riveting)
- OPTITOOL that optimizes cutting conditions
- NCDOC for editing and publication of manufacturing documentation
- POSTPRO, a library of more than 1,000 NC postprocessors
- NCSIMUL Player, a dedicated and collaborative tool to view and share NC program simulation throughout the shopfloor

More about the Product Features and Benefits

NCIMUL 8.9 is a comprehensive machine simulation solution for simulating, verifying, optimizing and reviewing machining programs meant for CNC machines (machining, drilling, riveting). Three-dimensional graphics serve to avoid machining crashes while powerful algorithms and embedded process-based know-how enable cutting conditions optimization, and standardization of the shop floor documentation. NCSIMUL 8.9 verifies NC programs in three steps: investigates and corrects coding errors, simulates to locate and correct motion errors, and validates the part program. Many customers report that this utility is also a helpful training tool for new employees because the virtual sessions are short, easy to comprehend, and eliminate errors.

OPTITOOL analyzes cutting conditions, dramatically reduces “air cutting”, optimizes feed rates, and allows users to create better cutting strategies. The sum benefits are a reduction in the production cycle times, enhancement of cutting operations, and fast development of new G-code files for future applications.

NCDOC permits users to edit and publish technical documentation quickly, including customizable inspection reports; reference libraries; collaborative production content for customers, staff, and vendors with encapsulated movies.

The POSTPRO solution is one of the most helpful aspects of NCSIMUL SOLUTIONS. SPRING Technologies has developed more than 1,000 robust posts for all CNC controllers including Fanuc, Siemens, NUM, Heidenhain, Mazak, DMG, Fidia, and others. Our applications engineers have experience with all types of machine tools – linear or rotary axes, 5-axis milling and turning centers, 4-axis EDM machines, and specialized machine tools. Further, the company often creates custom postprocessors based on all of the universal generators that enable interfaces between the main CAD software and the machine tool’s control system.

About SPRING Technologies

With over 25 years' industrial experience in the field of manufacturing, SPRING Technologies has gained worldwide recognition as a software vendor for the production environment with its global offer NCSIMUL SOLUTIONS and as a PLM integration services provider regarding the leading solutions on the PLM market.

NCSIMUL SOLUTIONS offer is modular and proposes solutions for:

- Machining simulation and optimization
- Cutting tool management
- Cutting conditions Optimization
- Process documentation management

The company is today one of France's leading integrators of PLM solutions, notably in mechanical CAD/CAM, and offers services in consulting, assistance, development and training. SPRING Technologies has built solutions around market-leading software from PTC, Dassault Systèmes, Siemens PLM and SAP, integrated in a collaborative working environment.

SPRING Technologies, founded in 1983, has a workforce of 100+, and offices in Paris, Geneva, Toulouse, Frankfurt, Munich, Beijing and Boston.

For more information, visit <http://www.springplm.com>

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