

SPRING Technologies

Software solutions for industrial companies



NCSIMUL
CNC machining simulation



TOOL EXPERT
Cutting tool management

YOUR PARTNER IN MANUFACTURING
PRODUCTIVITY IMPROVEMENT

**SPRING**
TECHNOLOGIES
www.springplm.com

OUR STRENGTHS

PROXIMITY AND RAPID RESPONSE

A worldwide network in France (Paris), Germany (Frankfurt), Switzerland (Geneva), China (Beijing) and the United States (Boston). A personnel of more than 100, an international dealer network and over 1,000 customers in industry.

THE STATUS OF A SOFTWARE EDITOR

SPRING Technologies develops solutions to accompany the best-selling software in the CAD/CAM and digital factory arena.

STRUCTURED QUALITY DEVELOPMENT

Direct access to a dedicated expert in our technical support team, a commitment to efficient solutions contributing to the ongoing improvement of customer satisfaction. SPRING Technologies is ISO 9001 certified since 2000.

HELP WHEN YOU NEED IT

Web : <https://support.springplm.com> | Email : hot-line@springplm.com



○ Commercial agencies

● Resellers

○ FRANCE (Paris) - Head Office

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Support area

<https://support.springplm.com>

WHAT WE DO ?

With over 25 years' industrial experience in the field of PLM, SPRING Technologies has gained worldwide recognition as a developer of software for the NC machining environment with its DIGITAL WORKSHOP offering of software and services to accompany the leading products on the CAD/CAM market.

SPRING Technologies' DIGITAL WORKSHOP is modular and includes solutions for:

- Machining simulation and optimization (NCSIMUL)
- Cutting tool management (TOOL EXPERT)
- Cutting conditions management (TOOL SIMUL)
- Process documentation management (WIPLINK)

Our DIGITAL WORKSHOP software is supported by a SERVICES portfolio:

- Post-processor development
- Training and assistance in CAD/CAM methodology
- A global approach to NC machining encompassing tools, materials, cutting fluids, tool attachments, machines, NC programming, etc.
- Training in NC machining

TIMELINE

- 1983** • Foundation of the company SPRING Technologies
- 1997** • SPRING releases its first commercial software, NCSIMUL
- 2000** • SPRING Technologies receives ISO 9001 certification
- 2004** • Creation of the DIGITAL WORKSHOP software suite comprising the following modules: NCSIMUL, TOOL EXPERT, TOOL SIMUL and WIPLINK
- 2005** • SPRING creates its Swiss subsidiary
- 2007** • SPRING creates its German subsidiary | SPRING selected as part of the System@tic cluster to develop competitiveness in ICT
- 2009** • SPRING creates its Chinese subsidiary
- 2010** • SPRING creates its American subsidiary

WE ARE PROUD TO SERVE OUR CUSTOMERS





NC MACHINING SIMULATION

NCSIMUL is a comprehensive machining simulation software for developing, optimizing and running programs for all kind of CNC machines. NCSIMUL considerably improves profitability around the CNC machine environment.

YOUR NEEDS:

- Reduce the time spent on debugging your NC programs
- Prevent the risk of collision and tool breakage
- Optimize your cutting conditions and reduce machining time

BENEFITS

- Reduce testing time on machine, yielding higher productivity rates
- Shorten industrialization time for a better reactivity
- Optimize the use of your production tool
- Secure your production tool by preventing any risk of machine /part crash
- Reduce machining time

Analysis of the
NC program

Material removal and
machine simulation

Dimensional analysis

Analysis and optimization
of cutting conditions

Set-up your NC programs in 4 steps

▶ **DO IT RIGHT**
at the 1st time



CUTTING TOOL MANAGEMENT

TOOL EXPERT meets all the manufacturing companies needs, regarding cutting tool process. You are operating with at least 5 machining centers and looking for ways to respond even faster to demand. You also need to keep control of costs and improve the management of your cutting tools :

YOUR NEEDS:

- Build a standard of cutting tools (database)
- Optimize the preparation of cutting tools and NC programs
- Manage your processes from CAM programming to loading the program on the machine

BENEFITS

- 100% are managed tools
- 95% tools availability at the time of preparation
- 50% time saving on tools preparation
- 30% fewer tools needed in stock
- 15% decrease in your tool stock cost


A unique tool database
with exhaustive search engine

Complete connectors (CAM,
NC simulation, presetters, automated storage)

Support for the whole tool preparation process

Storage input/output management

Advanced Inventory control
and stock statistics



Master your cutting tools

► **USE THE RIGHT**
tool in the right place
at the right time

OUR VISION

Product Lifecycle Management (PLM) is the special field in which SPRING Technologies excels. For the last 25 years, our teams have been deploying their know-how and consolidating their expertise in areas as wide-ranging as design, product data management, simulation, process engineering, and production.

SPRING operates at the heart of corporate strategy, delivering competitive advantage. In a context of globalization and with the development of emerging countries, the challenge that industrial companies are facing is more than ever to innovate and propose quality products, while keeping tight control of the essential conditions for productivity such as cost and timeframe. Moreover, companies today have to address a new challenge: how to work with local partners, while at the same time relocating to gain foreign market share.

To address these issues, SPRING Technologies focuses on the industrial production sector and has identified three areas for improvement: product process design, simulation and the capitalization of know-how. It has introduced solutions and methodologies to interconnect the players and stakeholders in the extended enterprise while developing strong partnerships with leading software vendors. This brings its customers all the assets they need to succeed with their PLM strategy. The key to this strategy is collaboration, resulting in motivation and complete stakeholder support.

To pursue these goals, SPRING Technologies has defined the following missions:

- analyze the needs of industrial companies
- deliver appropriate solutions
- offer our experience and expertise in the world of PLM
- commit to support customers in the fulfillment of their projects

It is this strategy that has made SPRING Technologies THE « builder of PLM solutions ».



Gilles BATTIER | CEO