

PRESS RELEASE

New distribution partnership for injection molding simulation and optimization software and services: SYP and SIMCON

CFD Simulation and engineering specialist Simulaciones y Proyectos is now distributing SIMCON's plastic injection molding simulation and optimization Software CADMOULD and VARIMOS in Spain



Francisco José Lara Garachana, CEO of simulaciones y proyectos, and Dr. Paul Filz, Managing Director of SIMCON

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Simulation and optimization solutions now available in Spain

Germany-based plastic injection molding simulation specialist **SIMCON** has announced today that it has reached a distribution and service agreement with CFD simulation and engineering services specialist **Simulaciones y Proyectos (SYP)**. SYP will engage in regional marketing and sales, and provide local technical support for **CADMOULD**, SIMCON's cutting-edge injection molding simulation software, as well as the unique automatic optimization solution **VARIMOS**. SYP can now therefore offer services and software to its industrial customers, using the world's most advanced plastic injection molding simulation technology.

SIMCON continues to expand its presence across the Globe

“We have ambitious growth targets for the upcoming years, and we see a lot of need for our products in the upcoming years, because a lot of parts and molds are being redesigned,” explains **Sebastian Sutter**, head of international business development at SIMCON. “There are several major shifts hitting the plastics industry, which force major innovation. Sustainability concerns and disruptions in the global supply chains, which cause availability issues of traditional materials, are front and center. A lot of customers are looking for ways to **substitute materials**. And you can test this using our materials database and our simulation software. You can explore what design changes are necessary to make it work, before you invest a lot of money. A second important trend is the **substitution of metal** parts through technical plastic parts, in order to reduce weight and energy, in the automotive space. Proper **digitalization and virtualization** of part and mold design is essential if you want to master this kind of innovation at high quality and high speed. And that is exactly what our software helps with. We help you **get better results, faster.**”

Unique automation and optimization technology

SYP CEO Francisco José Lara Garachana, having worked with simulation software for many years, is particularly excited that SYP will be able to provide SIMCON's unique closed-loop optimization software **VARIMOS** to the Spanish market. "VARIMOS sits on top of the simulation software CADMOULD. It automates rapid creation, simulation and exploration of alternative designs. You simply tell it what the variables are that you can change in your design (e.g., temperatures, pressures, local wall thicknesses, the location of injection gates or of cooling channels), and it sets up and runs simulations to explore your options. It then uses artificial intelligence to interpret the results and learn cause and effect. It understands what changes in your design caused what change in your results. It's a great way to save time and still get better results!"

"In fact, this is why several of the leading German car manufacturers and their suppliers use it in their part and mold design process," adds **SIMCON's Managing Director, Dr. Paul Filz**. "Instead of wasting precious engineering time on trying design options one by one, they let the artificial intelligence in VARIMOS do the busywork. They focus their engineering time on discussing results and options. You need people to make decisions and resolve tradeoffs between competing goals, and not to waste their time doing no-value-added busy-work. Discussion with customers and decision-making in a team is the part that only humans can do."

Powerful simulation engine and customizable packages

As its computation engine, VARIMOS uses SIMCON's advanced **simulation software CADMOULD**, which simulates comprehensive injection results. In addition to industry-leading accuracy and a simple and easy-to-learn user interface, its engine is optimized for superior multi-sim solving. This means that with a powerful computer, you can **run multiple simulations at once** much more efficiently than with alternative systems

Thanks to CADMOULD's modular design, customers can tailor their software precisely to their needs. No need to buy more than you actually require for your projects.

Because CADMOULD has the **world's leading 3D-F injection molding simulation algorithm**, it is incredibly **fast and precise** at the same time.

Its **unrivalled multi-sim speed** is the foundation for being able to run optimization with VARIMOS, because optimizing requires running many simulations, to explore the options. Thanks to CADMOULD's multi-core CPU parallelization technology, running a large number of simulations is incredibly fast and efficient. "And that is what makes it possible for you to learn more, faster. You can simply test out more design options in less time, and so your understanding grows faster, and you find better solutions faster," explains **Francisco José Lara Garachana**.

CADMOULD also supports 3D Volumetric meshing in case you are working with particularly thick-walled parts like optical lenses.

"But we'd **rather show you than tell you**. Seeing is believing. Talk to us and we'll demo the software for you, to show you just how powerful an upgrade it can be for your work," says Garachana.

Services to get you started

SYP offers **support and services** for customers who may not yet have staff trained to use simulation software themselves. Garachana explains: "CADMOULD and VARIMOS are **really simple to use**. It's easy to get started. We offer bootcamp trainings to get you going, an e-learning platform called SIMCON Academy, and advanced in-person trainings for users who want to deepen their knowledge selectively. But sometimes you just don't have time or capacity to do a training right now. That is not a problem – you can still get started immediately. We can simulate and optimize for you on a project basis. Some customers use these projects to get familiar with the way of working and the kinds of results and insights you get from simulation, and then we train them afterwards and they use the software in-house. We promise; try it and you will see the

value. And you'll have a hard time imagining how you could ever do without it in the past.

About SIMCON

SIMCON, founded in Germany, is a software company specializing in injection molding simulation and optimization solutions. For more than 30 years, SIMCON has been supporting plastics injection molding leaders globally, working with thousands of customers from industries such as the automotive, aerospace, consumer electronics and medical sectors, to improve the cost, quality and speed of their plastics injection molding projects. Their customers span across industries and sizes, ranging from small to midsized suppliers, to many of the world's most cost- and quality-obsessed OEMs. Website: www.simcon.com

About SYP:

SYP's mission is to collaborate with customers in their technological projects by providing numerical simulation solutions in sectors such as Industry, Architecture and Civil Engineering. From the early design phases to the operation stages, SYP helps customers to simulate 3D thermo-fluid-dynamic systems through various tools.

SYP has more than 10 years of applied project experience in thermal simulation and CFD fluid dynamic engineering. In this time, it has helped numerous important companies to modernize and introduce new technology, to boost their engineering performance.

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Would you like to learn more?

Scan the QR Code or [click here](#), to schedule a free call with one of our experts!



Reach out today!

+ **SCHEDULE A DEMO**

Email us at central@simulacionesyproyectos.com or call [\(+34\) 918034481](tel:+34918034481). We would be delighted to show you some case examples and schedule a product demo for you!

+ **READ MORE ABOUT SIMULATION PRODUCTS**

At www.simcon.com, you can find more information about CADMOULD and VARIMOS

+ **GET ALL THE DETAILS**

You can read in detail about CADMOULD and VARIMOS in our [brochure](#).

But be warned: it's a loong brochure 😊

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Get the most recent news and updates from SYP – scan the QR code on the right!

+ **GET FREE INJECTION MOLDING WEBINARS**

We regularly share best practices about how to optimize injection molding, using simulation. Follow us on LinkedIn to get information about our FREE webinars!

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