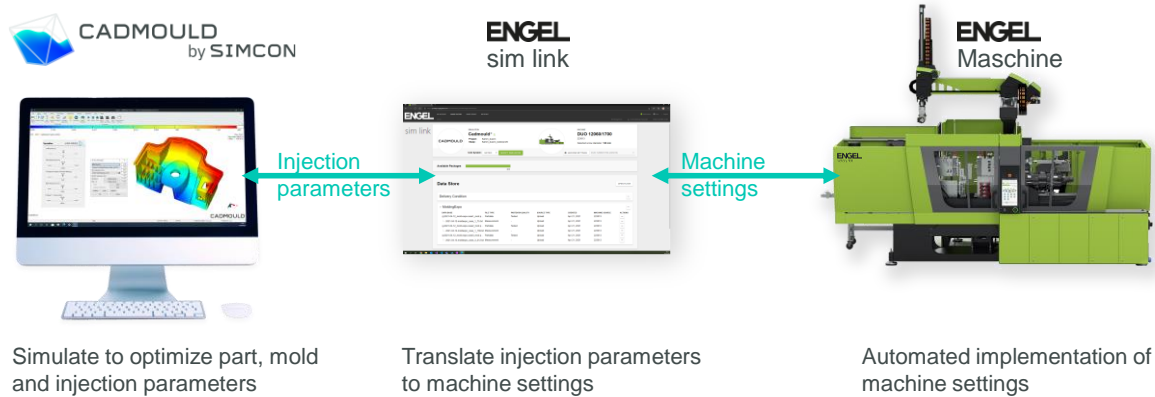


# PRESS RELEASE

CADMOULD injection parameters can be transferred to ENGEL machines and vice versa, using sim link

BETTER COLLABORATION BETWEEN PART AND MOLD DESIGNERS AND MACHINE SETTERS, THROUGH DIGITAL INTERCONNECTIVITY WITH ENGEL MACHINES



*SIMCON and ENGEL to offer bidirectional digital communication between injection molding simulation software CADMOULD and ENGEL injection molding machines. Image: SIMCON*

## CADMOULD to support bidirectional communication of injection parameters with ENGEL machines

Wuerselen, Germany, October 13, 2021

In plastic injection molding, there can sometimes be a disconnect between the plans and designs made in engineering, and realities on the shop floor. During the design of part and mold, engineering will use simulation technology to investigate the optimal injection molding parameters. However, these settings sometimes get “lost in translation” when handing over to the shop floor for tryouts and sampling.

### Things can sometimes get lost in translation between engineering and the shop floor

One reason for this is that injection molding simulation tends to capture injection parameters in a different format than they need to be entered on the machine. The machine setter will need to interpret these measures and translate them into what the machine needs to operate. Often, this is done manually with pen and paper, which is tedious and error prone. Finally, it often becomes clear during sampling that the parameters need to be tweaked. If these changes are not reported back to engineering, engineering will not be able to update and refine their plans for future projects, thus hampering learning.

### Connecting simulation and machine digitally, to improve collaboration

In order to help engineering and machine setters work together more effectively, injection molding parameters can be transferred back and forth digitally between the simulation software and the injection molding machine. This way, the conversion from simulation parameters to machine parameters factors in the specifics of the machine and an important source of errors is automated and less error-prone. And if changes are made, it is much easier to relay this back to

engineering. This way, engineering can learn from the changes that machine setters make in real-world tryouts, and improve future designs based on these insights.

## CADMOULD now compatible with ENGEL's sim link technology

Germany-based plastic injection molding simulation specialist **SIMCON** is therefore expanding its collaborating with machine manufacturers, to build digital parameter-transfer capability to a growing number of machine types.

Today, **SIMCON and ENGEL** have announced upcoming compatibility between simulation software CADMOULD and ENGEL's sim link technology. With this new feature, injection molding parameters from CADMOULD can be transferred directly to sim-link-compatible ENGEL injection molding machines, and vice versa. Because the solution permits bi-directional communication, changed machine settings can seamlessly be transferred back to the simulation software, closing the learning loop between sampling and engineering.

The product is currently deployed with a few early pioneer customers, for final polishing. The general-market release is scheduled for early 2022.

### 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 mid-sized suppliers, to many of the world's most cost- and quality-obsessed OEMs. Website: [www.simcon.com](http://www.simcon.com)

### About ENGEL:

The ENGEL Group, based in Austria, has been one of the world's leading plastic injection molding machine producers for decades. ENGEL offers injection moulding turnkey solutions from a single source, driving innovation in injection moulding machines and their automation. With innovative technologies, modern production facilities and sustainable service & support, ENGEL enable their customers to be competitive and successful. As a family-run company, ENGEL relies on long-standing relationships and aims to live up to the most exacting standards of expertise and experience in all fields of plastics processing. Website:

<https://www.engelglobal.com/>

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



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- + **READ MORE ABOUT SIMULATION PRODUCTS**  
At [www.simcon.com](http://www.simcon.com), you can find more information about CADMOULD and VARIMOS. Or, for a more print-friendly version, check out our [brochure](#). But be warned: it's a loooong brochure 😊
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