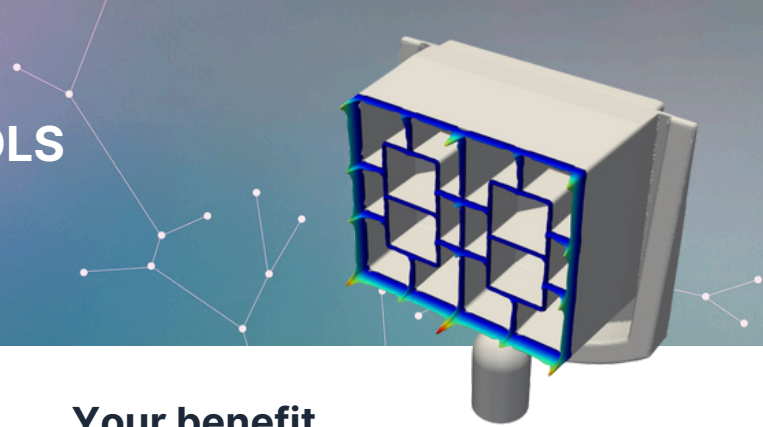


# DEVELOPING EXTRUSION TOOLS SMARTER: AUTOMATED SIMULATION FOR EVERYONE



## Homogenize the outlet flow

With StrömungsRaum®, our cloud-based simulation platform, you can optimize your extrusion tools efficiently and easily. A uniform material flow through the flow channel is crucial for perfect extrusion profiles. StrömungsRaum® uses the most advanced, automated numerical simulation methods to make precise predictions about flow behavior, pressure loss and material distribution. Production errors are avoided and efficiency is significantly increased - without any additional investment in hardware, software or in-depth simulation knowledge.

## Your benefit

- Accelerate tool optimization ✓
- Reduce prototype trials ✓
- Optimize material flow ✓
- Minimize rework ✓
- Reduce scrap ✓
- Save energy ✓

## Control wall slip

With our wall slip simulation, you can optimize your extrusion processes in a targeted and efficient manner. A controlled material flow is crucial to avoid surface defects and unstable throughput rates. The simulation detects critical zones caused by irregular wall slip and enables precise adjustment of the die geometry. The result: a realistic simulation for stabilized flow conditions, improved product quality and less wear on the tools. Production downtime and rejects are minimized, while throughput and efficiency are increased - all without additional software, hardware or extensive expertise.

## Your benefit

- Stabilize material flow ✓
- Avoid surface defects ✓
- Recognize critical zones ✓
- Reduce tool wear ✓
- Reduce scrap ✓
- Save energy ✓

Optimize your tools and profiles with the revolutionary power of state-of-the-art numerics and high-performance computing in the cloud - easily, quickly and accessible to everyone.

## Our steps to the development of great tools



**Simple**

Test free of charge



**Fast**

Upload data



**Performant**

Optimize products



**Innovative**

Profit now

SCAN ME

