# ✱SCORG™

pdm analysis

Why choose SCORG™?

- Industry leading software for design and analysis of screw machines
- Pioneering grid generator for screw machines
- Reliable and user-friendly graphical user interface
- Direct interface with all major CFD solvers
- Easy setup for CFD analysis
- Accurate, fast and reliable performance predictions
- Fast CFD calculation of single and multiphase flows
- Comprehensive software documentation
- Excellent customer support
- Available as cloud solution for access from any mobile device

Who can benefit?

- Research and Development departments working on screw machines
- Business developers in companies involved with screw machines
- Manufacturers of screw machines
- Technical or business advisers for companies in related sectors
- University teachers or researchers in positive displacement machines
- Students working on projects related to screw machines

PDM Analysis Ltd is dedicated to providing fast and reliable solutions for analysis of positive displacement machines.

PDM Analysis Ltd in association with **City, University of London** provides continuous development of SCORG™ and support to industry and academia.
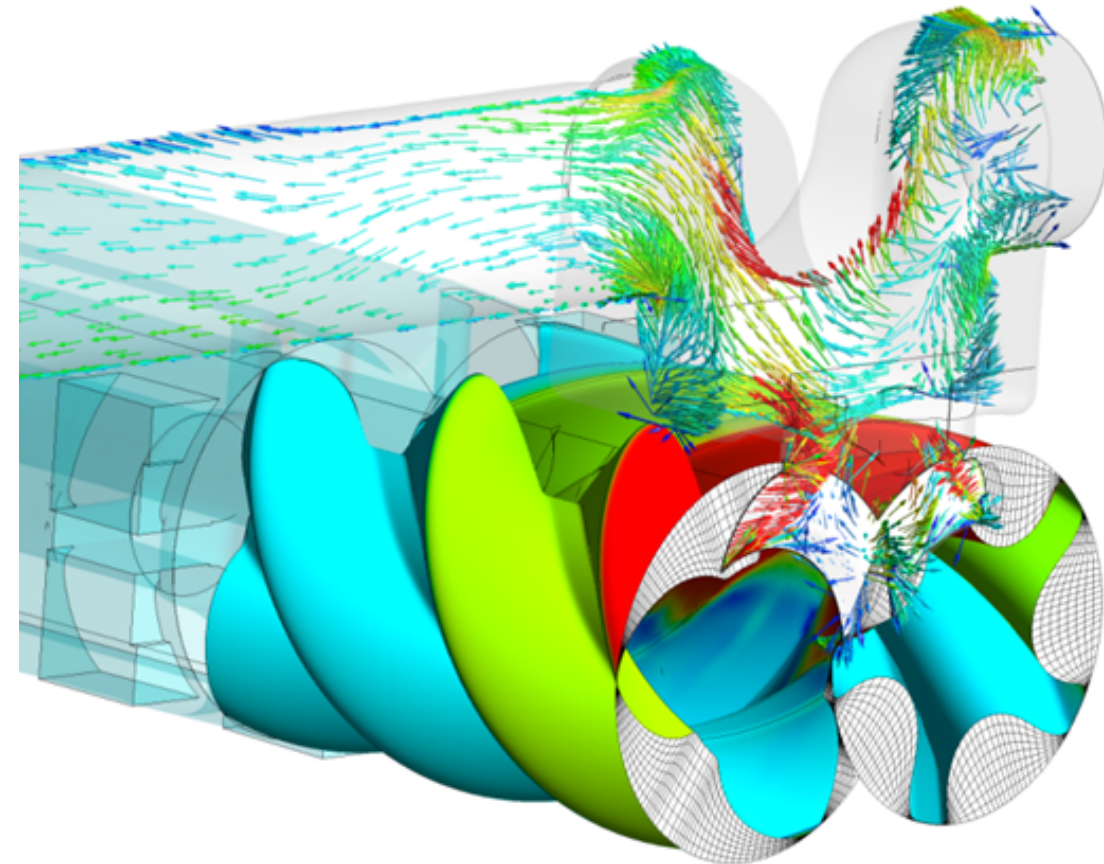
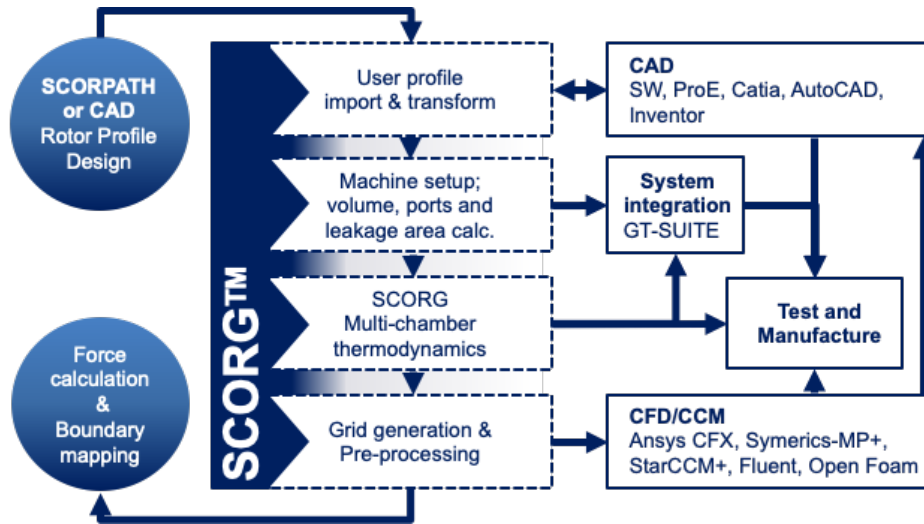**Twin screw compressors, expanders and pumps**
Multirotor screw compressors and pumps
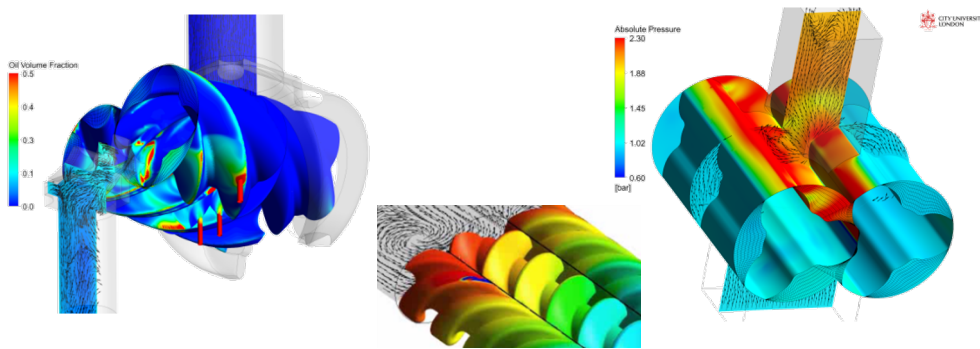**Twin screw vacuum, multiphase and liquid pumps, motors and extruders**
Roots blowers, gear pumps and progressive cavity pumps
Vane compressors, expanders, motors and pumps

SCORG@pdmanalysis.co.uk
www.pdmanalysis.co.uk
+44 (0) 20 7040 8780

Minimise design efforts and enhance performance of your machines

www.pdmanalysis.co.uk

Using SCORG™ in the design process of screw machines

SCORG™ is industry leading software for design and analysis of screw compressors, expanders, pumps and motors

Design Screw machines with ubiquitous cloud computing solution

SCORG™ offers unique capability for performance evaluation of screw compressors, pumps and motors by use of Computational Fluid Dynamics and Thermodynamic Multi Chamber Modelling.

SCORG™ will minimise efforts and maximise efficiency of the analysis of screw machines with single or multiple rotor arrangements.
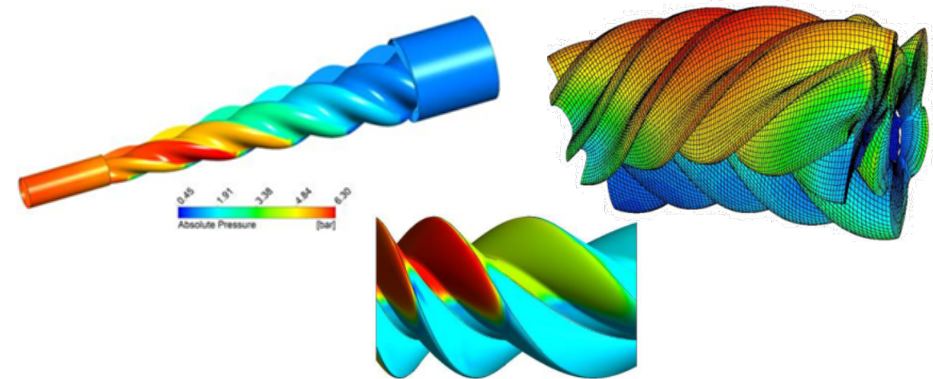
SCORG directly links with : Simerics-MP⁺, Ansys CFX®, Ansys Fluent, STAR-CCM+®, OpenFOAM® and GT-Suite

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