CFturbomachinery Flow Simulation

3D-Geometry

Direct Interface

Automated Meshing

CFD-Solver Setup

3D-Flow Simulation

www.cfturbo.com
CFturbo and Simerics have combined Turbomachinery design software CFturbo with CFD-simulation software Simerics MP into one solution, CFturbo SMP. This allows users to design and simulate pumps, blowers, fans, compressors and turbines easily. CFD-software results are used to improve Turbomachinery performance, power and efficiency. CFturbo SMP software provides engineers with the ability to start from a new design point, or with an existing geometry to design and simulate various types of Turbomachinery. By working together, Simerics, Inc. and CFturbo GmbH will enable users to significantly reduce the time to get critical CFD-results for Turbomachinery design and simulation. CFturbo SMP is a fast, accurate, affordable and user-friendly solution that can be easily automated for design exploration and optimization.