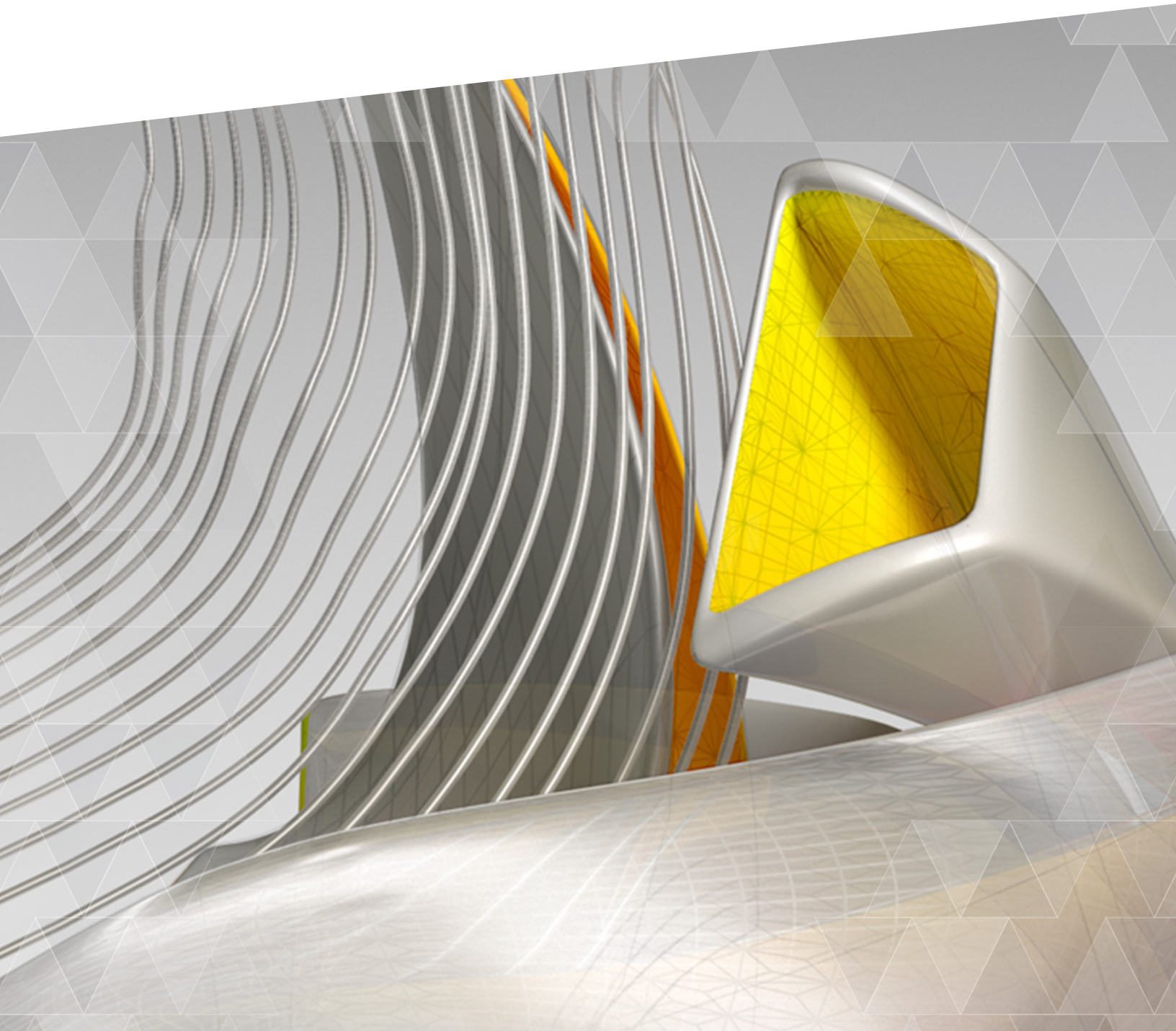


Scalable, robust fluid flow and thermal simulation solution



Fast, accurate, and flexible solution to test the fluid flow and thermal performance of your design

Accurately predict behavior, optimize and validate designs with a wide range of simulation capabilities before manufacturing

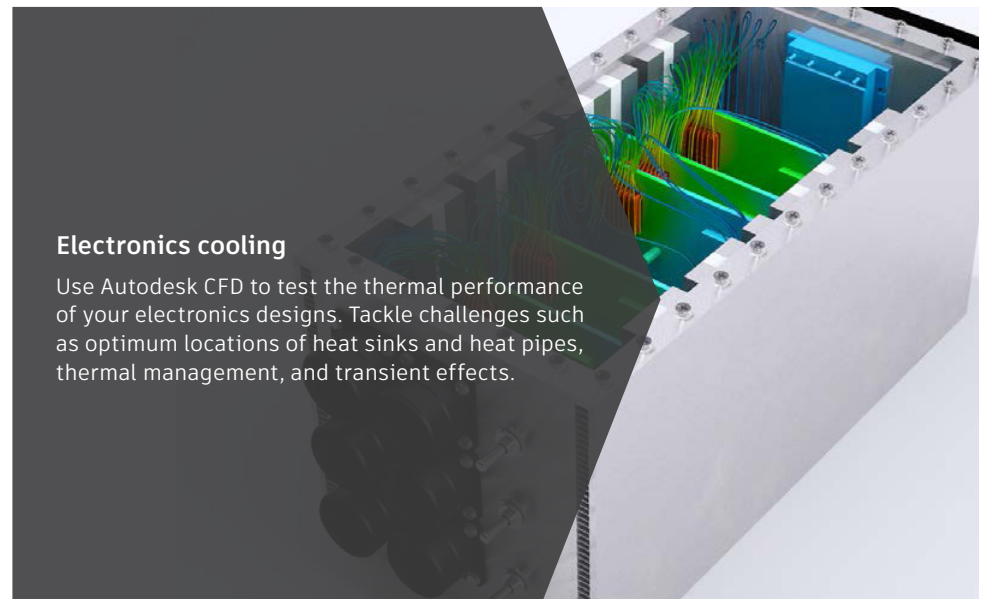
Autodesk® CFD software provides fast, accurate, and flexible fluid flow and thermal simulation tools to help predict product performance, optimize designs, and validate product behavior before manufacturing—minimizing reliance on costly physical prototypes and helping you get innovative products to market faster.

Industrial flow control

Autodesk CFD can help manufacturers of flow control devices like valves, regulators, turbines, and compressors to simulate the fluid flow through a 3D CAD model. The intuitive interface works directly with your Inventor or other 3D CAD models. Advanced physics available.

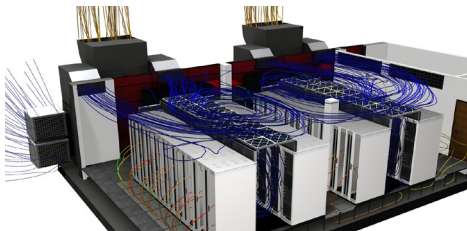
Electronics cooling

Use Autodesk CFD to test the thermal performance of your electronics designs. Tackle challenges such as optimum locations of heat sinks and heat pipes, thermal management, and transient effects.



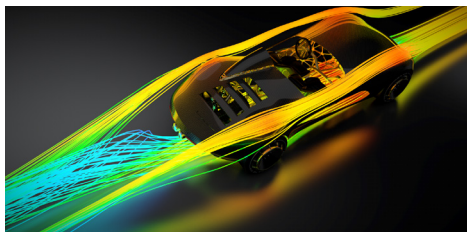
“Autodesk has a fantastic suite of software where we can design, analyze, build and see how the data center behaves...”

– Sam Wicks
Data Center Design Engineer
Sudlows



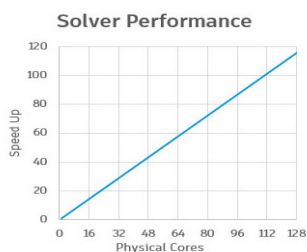
Architectural and mechanical, electrical, and plumbing

Architects and mechanical, electrical, and plumbing (MEP) professionals can take advantage of Autodesk CFD to understand airflow and thermal behavior in the built environment.



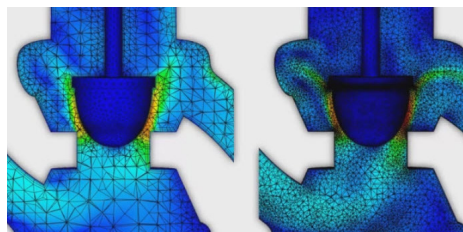
High-quality visualization

Combine analysis results from Autodesk CFD with dedicated visualization tools to create photo-realistic renderings. Gain interoperability with Autodesk® VRED™, Autodesk® 3ds Max®, and Autodesk® Maya® software.



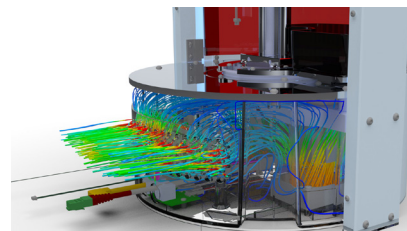
Flexible cloud solving options

Autodesk CFD allows you to work locally while you solve in the cloud. Flexible solving options help you to simulate based on your needs. Test the setup of an analysis, and use your local resources to iterate and optimize your setup. To kick off a longer, more computationally intensive simulation, use the power of the cloud and free up your local resources for other tasks.



Intelligent automatic mesh sizing

Use geometry and solution-based meshing automation. Meshing technology helps you quickly and efficiently prepare geometry for accurate and repeatable results with automatic mesh sizing, geometry diagnostics, manual control options over local sizes and refinement regions, and solution-based adaptive sizing.



CAD connection

Link your CAD system to Autodesk CFD analysis software to create associative fluid flow and thermal simulations. Autodesk CFD connects to virtually any CAD system, enabling you to create fluid flow and thermal simulations of your designs. If you don't have a 3D CAD system, use Autodesk® Fusion 360™ for geometry creation and model editing and simplification.

Learn more or purchase

Access specialists worldwide who can provide product expertise, a deep understanding of your industry, and value that extends beyond your software. To license Autodesk CFD software, contact an Autodesk Authorized Reseller. Locate a reseller near you at www.autodesk.com/reseller.

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