

The CAPRI CAE Gateway from CADNexus provides a quick and reliable path for generating Cart3D-ready watertight triangulations from native CAD. Users can achieve greater productivity in turning around analysis of complex CAD models.

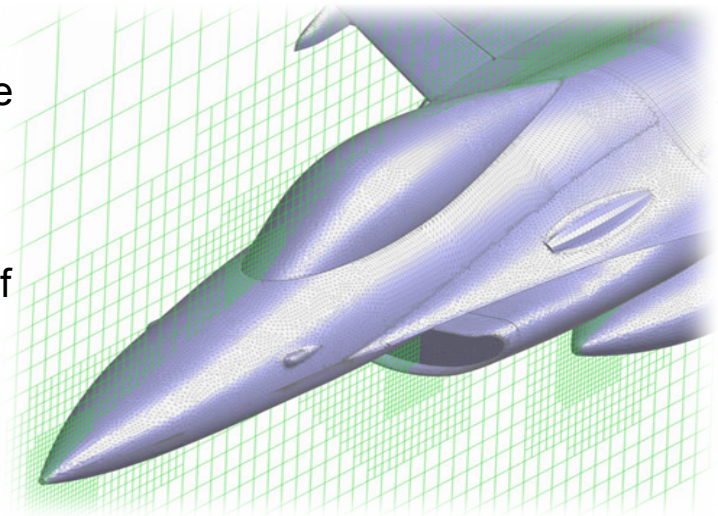


Image courtesy NASA AMES

Flexible Options

For CAD Experts

A Cart3D plug-in enables the CAD designers to execute their process directly from within the CAD system window. A simple pull down menu or button enables the designer to output Cart3D-ready files from the active CAD part or assembly.

For Analysis Experts

An easy-to-use graphical interface enables analysts to go from CAD-to-Cart3D without learning the details of operating a CAD system. Simply load the model, set the desired output resolution, and export a Cart3D ready tri file.

For Automating Workflows

CADNexus scripting (TCL, Python, MATLAB) and programming tools enable engineers to automate repeated tasks and perform automated studies using their native parametric models. Changing the model dimensions, position of CAD components, and exporting to Cart3D can be fully automated.

What Our Users are Saying ...

The CAPRI CAE Gateway software from CADNexus is proving to be of great value in moving a geometry quickly and accurately from a CAD model to the start of the CFD analysis process using OVERFLOW.”
Aerodynamics, CFD – Advanced Design Engineer

