



FIELDVIEW

BRING CFD TO LIFE

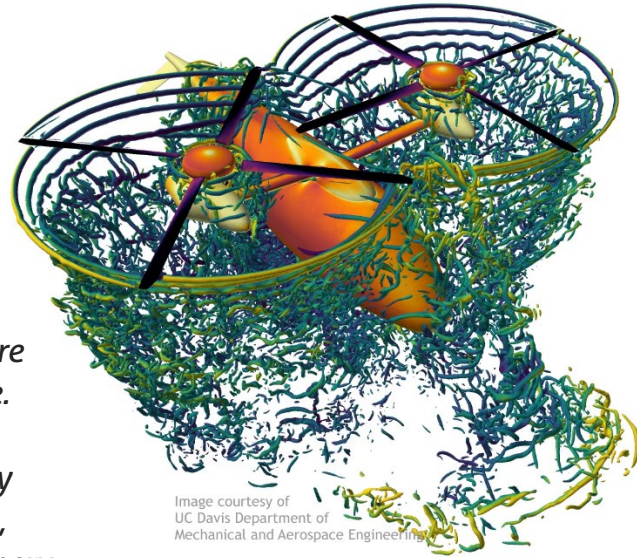


Image courtesy of UC Davis Department of Mechanical and Aerospace Engineering

CFD Visualization & Analysis

FieldView is the CFD Post-Processing and Visualization software you need to make better decisions quickly and with confidence. Our customers know they must deliver accurate results within ever tighter design cycles. Around the world, CFD engineers rely on FieldView every day in diverse industries such as Aerospace, Automotive, Defense, Energy, Environmental and Turbomachinery.

CFD Engineers choose FieldView because it enables them to understand, communicate and automate their work.

Understand

- See what is happening at realistic (real world) speeds with fast interactive animation.
- Dig deeper with powerful yet easy to use feature extraction tools and predefined Q-criterion and λ_2 functions.
- Compare with Dataset Sampling and Dataset Differencing to get quantitative and qualitative differences.

Communicate

- Bring CFD results to life with realistic images and animations that include environments, backgrounds, and materials.
- Increase confidence within your organization and with customers.
- Reveal important new information, make design decisions, avoid problems, and get to market faster.

Automate

- Reuse your work on new simulation results over and over.
- Post-process in full batch with python or FieldView's own scripting language (FVX).
- Standardize repetitive tasks so any member of the team will get the same great results.
- Perform standard tasks overnight to get the answers you need first thing in the morning.
- Process many more cases than can be done by hand.
- Archive your process with your images, plots, and animations.

Contact Tecplot about FieldView

Sales: 1.800.763.7005 or 425.653.1200

Email: sales@tecplot.com

<https://www.tecplot.com/>

Try FieldView for Free

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FieldView 22 Will Make Your Work-Life Easier!

Transparent Streamlines & Particle Paths –

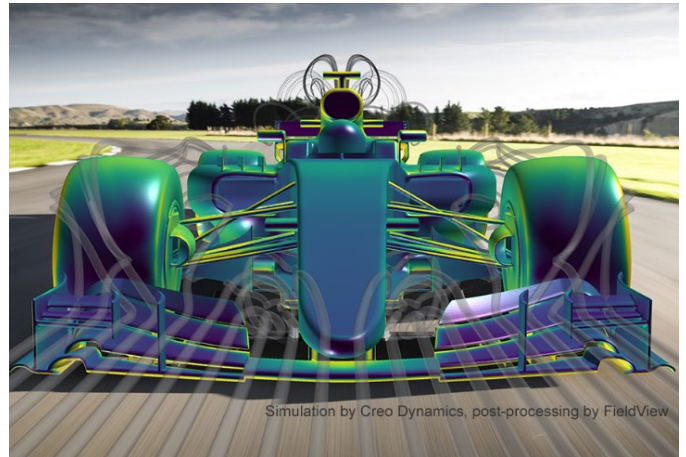
Highlight flow structures without hiding underlying surfaces.

- Compatible with all Streamline display types.
- Uses the same fast and high-quality transparency as surfaces.
- Works great with Presentation Rendering for more realistic filaments and ribbons.

Easier Data Input Workflow –

The legacy cascade menu has been replaced with a single panel, letting you read your CFD results with fewer clicks.

- All Data Input settings are now available from a single menu.
- Last used format is remembered from session-to-session.
- The new Local Parallel options automatically adjusts the number of MPI processes.
- Use the new icon to open the Data Input menu.



Simpler Restart Menus –

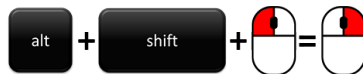
Using the same logic, loading, and saving Restarts has been simplified.

- Load & save your work with fewer clicks.
- The last used Restart format is remembered.
- Icons give you a direct access to Complete Restarts, the most frequent Restart mode.

Easier View Controls for Touchpad and Magic Mouse –

Your pointing device doesn't have 3 buttons to control pan, zoom & rotate? No problem! FieldView now tracks key modifiers to emulate middle-click (M2) and right-click (M3) with a left-click (M1).

Windows and Linux



macOS



More New Features & Improvements

- **New ANSYS-Fluent CFF Reader** – FieldView has a brand-new reader for the Ansys-Fluent CFF format.
- **Improved Auto Partitioner** – Same increased parallel performance for structured datasets, but now without any visible impact on your grid numbering and dimensions.
- **Installation Package** is three times smaller.
- **MP4** is the recommended video format, MPEG export has been deprecated.
- **myFVMPI** now available to users with PFV32 licenses and above.