



Simulation Analytics for Making Better Decisions Faster

Tecplot Chorus is a simulation analytics software package that integrates market leading CFD post-processing, field and metadata management with powerful analytics to help engineers manage and analyze collections of CFD simulations. An engineer using Tecplot Chorus can compare multiple simulation cases in a single environment while evaluating overall system performance.

Unified Data and Project Management

- Populate the program's database with import, extract, and file crawler tools.
- Create and manage multiple sets of CFD solutions.
- Filter the project cases using interactive filtering.
- Evaluate CFD field data using Tecplot 360.
- Create and manage assets from plots to data extractions.

Advanced Analytics and Surrogate Modeling

- Create multi-dimensional surrogate models.
- Visualize multiple views of CFD results and flow field physics in one unified environment.
- Explore project results with linked table, XY and multi-dimensional scatter views.

Rapid Comparative Analysis of Field Data

- Compare selected plot images and field data plots in n-by-n matrices or side-by-side views.
- Compare pixel-by-pixel differences for selected plot images.
- Calculate differences between field variables on a grid for selected cases.

Batch Process Plot Creation

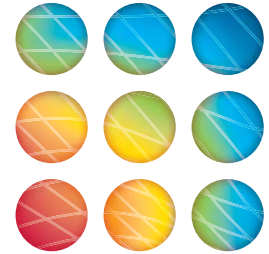
- Create and apply templates for generating plots across a set of cases.
- Create and apply templates for extracting surface data from the full volume field data across a set of cases.
- Create and run macros for extracting metadata from field data including like forces, moments, and maximums.
- Submit and manage multiple batch jobs.

Fast Physics Exploration and Visualization

- Pre-compute plots to rapidly analyze full sets of simulation cases.
- Quickly view plot images and solution data from the flow field with a single mouse click.
- Explore and filter an array of plots images.
- Explore the full 3D flow field with slices, streamtraces and iso-surfaces.

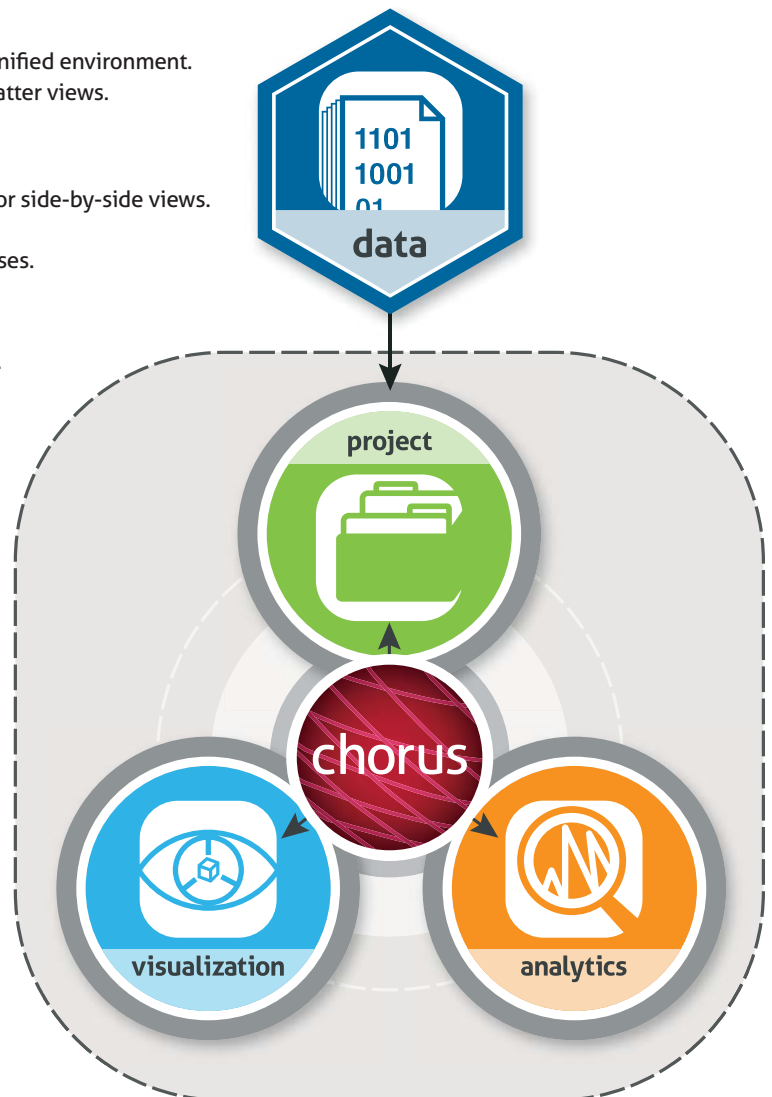
Easy Deployment

- Run on Windows and Linux.
- Choose from multiple licensing options.



Try
Tecplot Chorus:

www.tecplot.com/trial



Tecplot Chorus

Many Applications

Tecplot Chorus helps engineers who run and generate many simulation or test datasets. The three most common applications:

1. Optimize a design
2. Analyze the operational envelope of a configuration
3. Investigate an engineering problem

In all three scenarios they need to manage their datasets, discover the trends and anomalies, and understand the underlying physics that cause these variations.

Based on Customer Feedback

Customers told us — time and time again — that they have massive amounts of data and no tools to help them quickly identify the trends and anomalies that may affect the critical design decisions they make.

Their greatest fear is they'll miss something important.

Tecplot Chorus allows you to analyze your test and simulation results in a parametric space for a better understanding of the underlying physics, and have greater confidence in the decisions you're making.

The Tecplot Chorus Solution

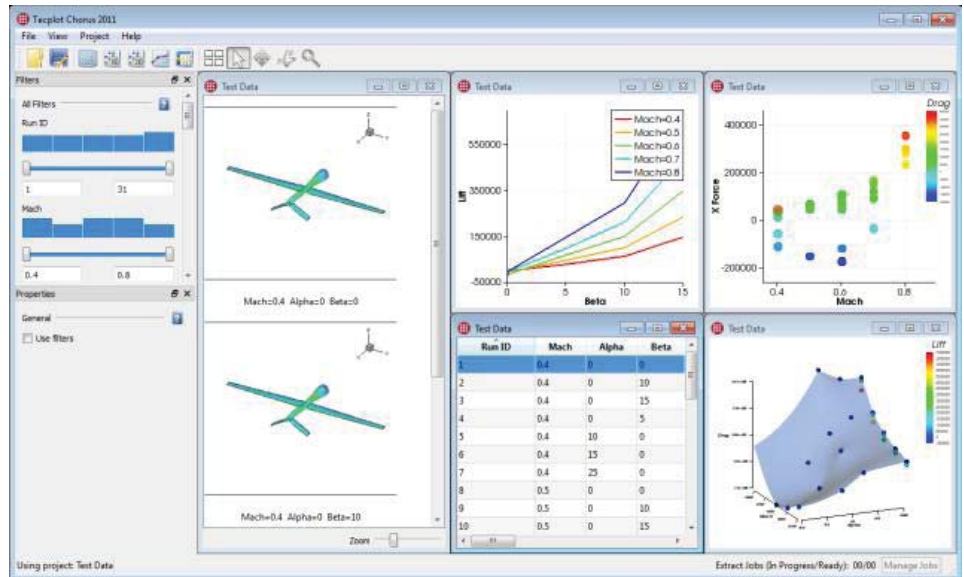
Tecplot Chorus can easily analyze from one to a thousand simulation cases at the same time. It incorporates an easy-to-use simulation data management system for both test and computational data.

It also promotes greater collaboration and efficiencies among teams of engineers, allowing them to archive and share simulation data to avoid rework and to support teamwork.

Tecplot Chorus integrates analysis and quality assurance processes with flexible features that are designed to manage, analyze, and visualize large amounts of metadata, identify trends and anomalies, and link them to the underlying physics. This can result in more rapid prototyping of design concepts for faster time to market.

Platforms

Tecplot Chorus is available on the Windows 7, 8, Vista and XP, and Linux platforms.



Software Maintenance Service

Each new license includes a one-year Software Maintenance Service (SMS) subscription, renewable annually for about 20% of the initial new license fee. It includes all software updates released during the year and unlimited access to technical support by telephone, e-mail, and fax.

For more information about SMS, visit: www.tecplot.com/SMS

Trial Software

Full-featured, free evaluation versions of Tecplot Chorus are available upon request at www.tecplot.com/trial or by contacting us directly.

Contact Us

US and Canada

For more information on Tecplot Chorus, to request an evaluation version, or a quote, call us at 1 (800) 676-7568, or send email to sales@tecplot.com.

International

For customers outside the US and Canada, please visit our Web site for a list of international distributors: www.tecplot.com/distributors/

