Additional Resources

In addition to these Release Notes and the Help built into the product, Tecplot Chorus includes access to the following resources to help you explore all of Tecplot Chorus’s functionality.

- **User’s Manual** - This manual provides a complete description of working with Tecplot Chorus features.
- **Getting Started** - Provides a virtual tour of Tecplot Chorus’s main features.
- **Online Help** - Available from right inside Tecplot Chorus from the Help menu or buttons in dialogs.
Welcome to Tecplot Chorus 2017 R1

The holidays are over and we're trying to remember to write 2017 on our checks. Must be time for Tecplot Chorus 2017 R1!

What's New in Tecplot Chorus 2017 R1

• To allow more of our customers to benefit from the exploratory power of Tecplot Chorus, the product is now a TecPLUS benefit for Tecplot 360 EX users. In other words, Tecplot 360 EX now includes Tecplot Chorus rather than the other way around! See Tecplot Chorus Now a TecPLUS Benefit for details.

• Tecplot Chorus now recognizes .bin and .tec filename extensions as Tecplot binary data files (normally .plt). These nonstandard extensions are used in output filenames by some solvers.

• Loader descriptions for EnSight, OpenFOAM, and TRIX data files have been added, allowing these to be opened in Tecplot 360 EX from Tecplot Chorus projects.

• Columns in table views can now be rearranged by dragging them, so that you can easily group related variables however you like.

Please send your comments about this release to support@tecplot.com.
Tecplot Chorus Now a TecPLUS Benefit

Tecplot Chorus is now offered to all Tecplot 360 EX users under the TecPLUS program. It is no longer sold as a separate product.

As of January 1, 2017, TecPLUS has replaced Tecplot's Software Maintenance Service (SMS). With TecPLUS, you get all the benefits of SMS, including:

• No-charge upgrades to Tecplot 360 EX during your subscription period
• Unlimited technical support
• One free hour of online training per year

Additionally, an active TecPLUS subscription gives you access to the following components, boosting your Tecplot 360 EX license to a whole new level of value:

• Tecplot Chorus - Our simulation analytics tool for engineers who need to analyze large numbers of cases.
• PyTecplot - Simple, object-oriented access to your data and plots from the Python programming language
• Tecplot SZL Server - A lightweight server providing access to large data stored on hard-to-access servers

Your Tecplot 360 EX license is perpetual: even if your TecPLUS subscription expires, you will still be licensed to run any version of Tecplot 360 EX released while your subscription was active—forever. However, the benefits listed above end when your TecPLUS subscription expires.

If you have a Tecplot Chorus license with active SMS, your license can be converted to a Tecplot 360 EX license with a TecPLUS subscription. Please contact sales@tecplot.com for more details.

1. While your license is perpetual, we cannot guarantee compatibility of today’s Tecplot products with future systems.
What Was New In Tecplot Chorus 2016 R2

If you missed the last release of Tecplot Chorus, these features are “new to you!”

- **More Forgiving CSV Loading**
  Tecplot Chorus now accepts a wider variety of CSV formats, reducing the amount of work you need to do to import projects from CSV files.

- **Absolute Paths to Auxiliary Files**
  CSV files can now contain absolute paths to auxiliary files, so you no longer need to figure out their relation to the project root when writing the file. The project root path is still used to determine where Tecplot Chorus writes derived files.

- **Export Project Data to CSV Files**
  Near-complete project data can now be exported to a CSV file, making it easy to do bulk edits in a text editor, for example updating file paths, and re-import.

- **Surrogate Model Improvements**
  Kriging-based models are now processed in parallel for substantially better performance. We’ve also made it easier to explore surrogate models:
  - We’ve split the value distribution dialog into two, Ranges and Sampling and Evaluation Point
  - We’ve made the evaluation point global to all plots
  - Variable values in the Evaluation Point dialog may now be adjusted by sliders
  - The evaluation point may be set from a selected case via a context menu item
  - You can continue working with your plot while the Ranges and Sampling and/or Evaluation Point dialogs are open
• The name of the Surrogate Model Settings dialog is now Surrogate Model Training to better conform to industry usage
• Surrogate model documentation has been significantly improved

These improvements have resulted in some changes to session files; see Session File Compatibility below.

Session File Compatibility
As already mentioned, the Set Value Distribution dialog for surrogate models has become two dialogs, Surrogate Model Ranges and Sampling and Surrogate Model Evaluation Point.

The Evaluation Point settings are now global and apply to all plots; there are no longer separate settings per plot as in previous versions of Tecplot Chorus. (The Range and Sampling settings are still per-plot.) Also, there is no User-Defined checkbox for each variable in the Evaluation Point dialog; instead, the settings are always active.

Opening a session created with an earlier version of Tecplot Chorus therefore discards per-plot evaluation point settings and resets each to its default: the lowest value of each input variable in the project. Conversely, opening a session file created with current versions of Tecplot Chorus in prior versions in which evaluation point settings are per-plot ignores the global settings; these default to off per-plot.

Usage Data Collection
To help us better understand how our customers use our products and improve them further, Tecplot Chorus includes an analytics feature that reports user activity over the Internet using the Google Analytics™ platform. This feature tells us which dialogs you use and which controls you manipulate in them. However, to protect your privacy and trade secrets, we do not see names associated with your data (such as file or variable names) or the actual values of fields
in dialogs, nor do we receive any information about you or your organization's identity.

If you do not wish to participate in this program, turn off "Collect Anonymous Usage Data" in the Help menu.

We always receive basic information about your operating system, product version, and license at each launch of Tecplot Chorus, even if you have opted out of the usage data program. This information is not tied to any usage data collected.

No data is collected if you do not have access to the Internet or if the Google Analytics service is blocked by a firewall.

**You Should Know**

- Tecplot Chorus requires a 64-bit Windows or Linux operating system. Mac OS X is not supported.
- Use of X remote displays on a Linux host requires an X server on the client machine with support for GLX extensions. Users of the Exceed X server for Windows will need version 14.0.5.555 or later.
- The simultaneous use of a project by multiple Tecplot Chorus users is not supported. Users will see an error message if they try to open a project already in use by another copy of Tecplot Chorus.

**Graphics Drivers**

For best results, please make sure that you are using the latest graphics drivers compatible with your hardware and operating system. Old versions may have issues with Tecplot Chorus, especially with larger data sets. To download the latest:

Platform-specific Issues

Windows
Your account must have administrator rights on your computer to install Tecplot Chorus, or else right-click the installer and choose Run as Administrator.
Please help us make Tecplot products better by submitting an electronic report in the event that Tecplot Chorus terminates unexpectedly. We review these reports regularly and they often help us find and resolve issues. Simply attach the crash dump file to an e-mail message to support@tecplot.com along with as much information you can remember about what you were doing leading up to the crash.

Linux
Linux users should try to use their system’s native OpenGL drivers for best performance. In the event Tecplot Chorus does not behave as expected, try Mesa, the software-based OpenGL renderer, which is slower but compatible with more graphics cards. To do this, launch Tecplot Chorus with the --mesa flag:
chorus --mesa
This setting will propagate to instances of Tecplot 360 EX launched from Tecplot Chorus.

Master the view with Tecplot Chorus!