

# What is New in Fracpro 2017?

*Fracpro*® 2017, the latest version of the revolutionary hydraulic fracture engineering software from *StrataGen*, is now available.

We have made significant enhancements, and we have added numerous useful new features in *Fracpro*® 2017.

Our goals for this release were improving ease-of-use, adding important information in the proppant and fluid libraries, providing the user with new modes allowing quick designs and diagnostic analysis as well as incorporating many other user requests.

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## Version 10.9.21

### Additions

- Improved memory management allowing much longer job times and smaller time steps both for multiple and single treatment jobs
- Saving INP file in Fracpro, now saves results along with the INP file. This allows the user to load the same input file at a later time and see the results without having to re-run the model.
- Added option in [Wellbore Configuration-Perf Interval](#) to enter multiple rows of perforation data by copying the data from Excel. We have also added new screen to set default perforation settings.
- Added ability to drag reservoir layers in Integrated Fracture Profile's [Horizontal pane](#) to adjust relative depths.
- Added option to copy Plot's data to the clipboard in data format so that it can be pasted/viewed easily in other files like Excel easily.
- Added option to shift log data up/down in [Log Layer Editor](#).
- Added option to model Pulse proppant in [Treatment Schedule F6](#).
- Major changes to dual entry pumping. All combinations are now allowed (clean fluid or proppant down tubing and/or annulus).
- Automatic creation of user-defined channels from imported formulas in Simple Mode.

- Developed new Injection Mode in Production Analysis with possibility of Water or HC injection.
- Improvements in DataConvert allowing it to recognize wider range of files and time/date formats.
- The **Fracpro**\Eclipse & **Fracpro**\IMEX interface has been upgraded to be able to generate a fully ready-to-run Eclipse deck, for both vertical and horizontal multi-fracture wells.
- A new tutorial showing how to use the reservoir simulation interface has been created, based on the historic GRI Staged Field Experiment #3 well. The new tutorial includes both the fracture treatment data and the post-frac production data (90 days flowing and 30 days of buildup).

## **Modifications**

- Added Water Saturation to Integrated Fracture Profile's Layer channel list.
- User can now simple left click and zoom-in on a plot. User can now do left-click and drag on or below the X-axis to set the X-axis range. This operation will not change the Y-axis settings.
- Set default "Save" directory to user/documents folder.
- User can now change color of a channel by simply double clicking on the color column in Plot Preference dialog.
- Increase the number of decimal points for Porosity in Production Analysis mode.
- DataConvert now detects units present in second row of the input CSV file.
- Improvements in Frac3D model.
- Added several upgrades to the 3D Reservoir viewer.
- Added a new channel "Btm Prop Total - All Zones" for multiple clusters which is sum of all Btm Prop total, for all the clusters in the treatment.

## Fixes

- Fixed the bug which causes deleting fluids in Fluid screen to change fluid list in Treatment Schedule.
- Fixed a bug in Production Analysis mode, which cause incorrect results when user toggles between automatic and manual PVT data entry mode.
- Fixed a crash in User defined channels.
- Number of decimal places for Numeric display template are now correctly stored.
- Offset in Integrated Fracture Profile's stage pane is now correctly set in Horizontal pane as well.
- WITSML tag totalVolume now has Surface clean total instead of Surface Slurry total.
- DataAcq now remember its size and location when opened as standalone application.
- Fixed TVD-MD mapping for some INP files.
- Added more setting to properties IFP saves and retrieves when reopened.
- In 2D Schematic, Scale now remembers settings for Proppant Conc.
- Fixed a bug which doesn't allow user to insert channel in ASCII Output screen.
- Fixed a bug with Growth Rings not getting displayed.
- Fixed a bug in DataConvert to let user pick correct time format in case of variable timestamp in multiple input files.
- Fixed Plot refresh bug which causes too many plot refreshes.
- Improvements in Frac3D model.

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