

What is New in StimPT 2007?

StimPT 2007, the latest version of the revolutionary matrix acidizing engineering software from *StrataGen / CARBO Ceramics*, is now available.

We have made significant enhancements, and we have added numerous useful new features in *StimPT 2007*.

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

Some of the major changes and additions to *StimPT 2007* are:

... | ... | [Version 10.4.48 to 56](#) | [Version 10.4.43 to 47](#) | [Version 10.4.42](#)

Version 10.4.57 to 73

Additions

- *2D Schematic Van View* screen, *Current Value Dialog* screen
- *Wellbore Configuration F7* screen, user-defined depth for wellbore transit time: added
- *Treatment Schedule - F6* screen, *Actual Treatment Schedule* tab; *Design Treatment Schedule* tab
 - *Include Stage Aliases* check-box
 - *Stage Alias* column
- *Log viewer / Layers Editor* screen
 - *Manage Tracks* screen, *Alias Name Library* button
 - *Alias Library for LAS Curves* screen
- *Plot Preferences* screen, *Channel Info* tab: *Up* and *Down* buttons (for order of channels)
- *ASCII Data Output* screen: *Use comments timeline* check-box

- *[1D Wellbore] Schematic View* screen; *2D [Wellbore] Schematic View* screen, *Current Values panel*: added more channels
- *[1D Wellbore] Schematic View* screen, *Channels* pane: added more channels
- simplified simulation of matrix acidizing above fracturing pressure: can enter negative mechanical skin and fracture growth schedule

Modifications

- *Template Manager* screen (for *Integrated Profile*): various improvements
- *2D [Wellbore] Schematic View* screen: various improvements
- *Plot Display List - Alt + F8* screen: improved *Copy* functionality
- *System Configuration* screen, *File Options* tab, *ASCII Output Options* panel: moved here from *Model Parameters - Shift + F3* screen, *Other Options* tab
- *Treatment Schedule - F6* screen, *Actual Treatment Schedule* tab; *Design Treatment Schedule* tab, *Wbore Volume* field: displays volume to the top of the top perforation interval
- spreadsheet tables, *Copy* and *Paste*: logic improved
- *Main Menu, Help > Submit Problem Report > Support request* e-mail message: changed e-mail address to *Support@Fracpro.Com*
- *StimPT.cfg* configuration file: removed
All *StimPT* configuration stored in *Windows Registry* now.
- Fixed “damage rock type” functionality that allows having damage rock material different from matrix rock.
- *DataAcqPT, Setup Wizard, Saved Data File Settings* screen, *Save acquired data to* panel: changed logic
- Help documentation: improved.

Fixes

- screen re-sizing: improved
- *Reservoir Parameters* screen, deviated wellbores, *TVD* and *MD* display: improved
- *Plot Display List - Alt + F8* screen: fixed bugs and improved plot copying
Copy any plot to an empty slot without having to select a full row.
- *Channel Inputs for Model - Shift + F6* screen, *cumulative channels, when clean rate is being*

monitored: fixed bugs Production Analysis mode, XY Plots, hardcopy: fixed plotting of symbols

- *[1D Wellbore] Schematic View* screen; *2D [Wellbore] Schematic View* screen (*Floating Plot* mode): improved
- *Fluid Rheology XY Plots*: plotting multiple fluids: fixed bug
- *Reservoir Parameters - F9* screen, *Layers* tab, *Depth Entry Mode* panel
 - *Enter TVD* radio-button selected: cannot enter values into *Depth TVD* column, can only enter into *Depth MD* column: fixed bug
 - *Enter MD* radio-button select: can enter values into *Depth MD* column, but also into *Depth TVD* column: fixed bug
- spreadsheet tables, display on non-primary monitors: fixed bug (did not always display)
- hardcopies: color (was grey-scale, partially at least)
 - *Integrated Profile* screen
 - *Log Viewer / Layers Editor* screen
- *StimPT* data output in *ASCII FPA* format: fixed bug with incorrect saving
- fixed various bugs
- *DataAcqPT*, *Setup Wizard*, *Saved Data File Settings* screen, *Save acquired data to* panel: fixed bug (could not always save file)
- *DataAcqPT*, configuration file: changed logic
- *DataConvertPT*, merging files with different start times: fixed problem
- *DataConvertPT*: fixed various bugs

Version 10.4.48 to 56

Additions

- *Log Viewer / Logs Editor* screen: generate hardcopy on infinite paper
- *Data Plots*: print various time formats
- *No Valid License Found* screen
- *Enter Emergency License Code* screen
- *License Troubleshooting Tools* screen
- most screens resizable
- *DataAcqPT*: second input data source

Modifications

- *Microsoft Windows Vista* compliance: save user files in user's *Application Data* folder instead of *StimPT*'s *Program* folder; default locations:
 - *Application Data* folder for *Windows XP*: *C:\Documents and Settings\[user]\Application Data\Pinnacle Technologies\StimPT 2007*
 - *Application Data* folder for *Windows Vista*: *C:\users\[user]\Application Data\Pinnacle Technologies\StimPT 2007*
 - *StimPT*'s *Program* folder: *C:\Program Files\Pinnacle Technologies\StimPT 2007\Program*
- *Help* documentation: improved text

Fixes

- *Wellbore Configuration - F7* screen, *Directional Survey* tab, *Load Survey* button: fixed crashes related to loading wellbore trajectory file
- *Log Analysis Wizard* screens: fixed incorrect screen sizing
- *Data Plots*: fixed bug with saving changed plots
- *Report Setup - Shift + F2* screen, *Word Report Content and Layout* tab: fixed crash caused by presence of deleted plots
- main tool-bar, *Forward* and *Backward* buttons: available for disabled *Navigation Tree*

- fixed one potential source of program hanging
 - fixed potential memory fault errors
 - **DataConvertPT**: fixed bugs with incorrect decimal and thousand symbol recognition; added ability to manually set them and also column delimiter in case current program logic cannot recognize them automatically.
 - **DataConvertPT**: fixed crash in invert functionality
-
-

[top](#) | [Version 10.4.57 to 73](#) | [Version 10.4.48 to 56](#) |... | [Version 10.4.42](#)

Version 10.4.43 to 47

Additions

- **Emergency License** screen: added **StimPT** version information
- **Channel Inputs for Model - Shift + F6** screen:
 - added **Smoothing # of Points** field for **Model Inputs Channels**
 - added **Use Stage Number Channel to Auto Stage** check-box; if selected, then **Treatment Schedule** and stage bar in **Cursor Editingmode** automatically recalculated
- **(2D) Schematic View** screen:
 - change **Schematic color** and **Background color** with right-click
 - **Palette bar**: resizable
- **DataAcqPT, General Settings** screen: if **Emulate data acquisition from data stored in an FPA (ASCII) file** radio-button is selected in **Data Acquisition Mode** panel, then in **Emulation Settings** screen, **Emulation File Name** panel, added **CSV files (*.csv)** option to **File of type** list-box in **Open** screen for **Browse** button functionality
- log **XY Plot** hardcopy: prints multiple **Y Axis** scales properly
- **Screen Templates**: save floating **Numeric Output - Alt + F3** screen and floating **XY Plots**

Modifications

- **Numeric Output - Alt + F3screen:**
 - floating window
 - set number of decimal places for all channels
 - removed blinking
- **System Configuration** screen, **Units** tab, **Costs** row: removed **DM** (Deutsche Mark) and **F** (French Franc), and added **€** (Euro)
- **XY Plots, Remove Tangent Line** button: available in **Cursor Editing** mode
- **Log Analysis Wizard:** improved
- **Cursor Editing** mode and in **Axis Limits** screen for **X-Axis**: if in **Plot Preferences** screen, **Axis Pref** tab, **X Axis** panel, **Label Format** panel, **Date & Time** radio-button is selected, then display time controls in **hh:mm:ss** format
- Save **INA** file when opening new **INA** file or exiting **StimPT**: display **Save StimPT File** screen to avoid overwriting **INA** files
- **Plot Edit > Channel Min/Max** from main menu: improved logic for better consistency
- **DataAcqPT**: improved writing of output **FPA** file to accommodate sharing it as input **FPA** file for another (remote) instance of **DataAcqPT**
- **Help** documentation: improved text

Fixes

- **Treatment Schedule - F6** screen, **Show Actual Rates and Conc.** button: re-calculate **N₂ Rates** and **CO₂ Rates** columns for stages with zero **Btm Slurry Foam Rates** (that is, with **N₂**- and **CO₂**-only stages)
- double-frame **XY Plots**: fixed current data display (if **Show Current Data** check-box in **Plot Options** panel is selected)
- floating **XY Plots**: fixed broken functionality (such as setting stages, **Wbore Transit Time**, **Esc** key to close plot, **F1** key for **Help**, **Print**)
- **Bar Graphs**: updating also when **Real-Time Info** box not displayed
- **Cursor Editing** mode: after setting stage, hot keys keep working

- **Help > Submit Problem Report** from main menu: enabled for all users
 - **Installation Setup, Network Server** mode: fixed bug
 - **DataAcqPT**: recognize **FPA** files created by **Halliburton**
 - occasional crash when exiting **StimPT**: fixed
-
-

[top](#) | [Version 10.4.57 to 73](#) | [Version 10.4.48 to 56](#) | [Version 10.4.43 to 47](#) |...

Version 10.4.42

New Modules

- Log Analysis Wizard for Log-Layer Editor for **Reservoir Parameters - F9** screen, **Layers** tab
- Save screen lay-out in templates: in main menu **View > Screen Templates > Template Manager** and **View > Save Screen Layout**

New or Redesigned Screens

- **Plot Display List - Alt + F8** screen
- Numeric Display: display real-time data in separate, configurable screens
- **Report Setup - Shift + F2** screen, **Excel Report Content** tab

New Plot Functionality

- **Minimum, Maximum, Average** values: for XY plot channels over user-selected time periods (in **XY Plot**, Cursor Editing Mode, select begin point on curve, select **Begin** button, select end point on curve, select **End** button, from main menu select **Plot > Edit > Channel Min/Max**)
- Improved **XY Plot** begin / end dividers for time axis: for staging, step-down, min/max/average (green and red vertical lines with white horizontal bar at the top of the plot)
- Floatable **XY Plots**: can be placed outside of main **StimPT** screen (**Floating Plot** button in Plot Display List - Alt + F8 screen)
- Display coordinates for points when they are not on a channel curve (but, for example, on a tangent line)

- Color schemes for plots: full color instead of 16 colors

New Functionality

- Fully automatic interaction between *StimPT* and *DataAcqPT*
 - No operator intervention necessary
 - No need to define maximum acquisition time
 - Change incoming channel number, order and definition on the fly during real-time data acquisition
- Resizable screens: *Treatment Schedule - F6* screen, *Reservoir Parameters - F9* screen, and *Plot Display List - Alt + F8* screen
- Compatible with *Windows Vista* operating system

New Input Fields and Controls

- *Treatment Schedule - F6* screen, *Design Treatment Schedule* tab
 - *Edit Schedule* button in mode *Acidizing Analysis* mode
- *Production Analysis* channel type: *Incremental Cash Flow*

Improved Navigation

- Backward and forward icons: in main tool-bar

New Help Functionality

- *Microsoft HTML Help* with many new features instead of *Microsoft WinHelp*
- *Getting Started* and *Installation Troubleshooting* Help with diagnostic / repair applications

Discontinued Functionality

- *Start Receiving Data from DataAcqPT / Stop Receiving Data from DataAcqPT* button in

Real-Time Control - Ctrl + F1 screen

- ***Min*** and ***Max*** columns in ***Channel Inputs for Model - Shift + F6*** screen: no more clipping of input data

To learn more about us, visit our World Wide Web site at www.fracpro.com.

[top](#) | [Version 10.4.57 to 73](#) | [Version 10.4.48 to 56](#) | [Version 10.4.43 to 47](#) | [Version 10.4.42](#)