

XSENSOR[®] Pro V8 PRESSURE IMAGING SOFTWARE

The most powerful pressure imaging software just got better. Introducing ProV8.

XSENSOR's Pro software has been the industry leader for pressure testing and measurement for years. Pro software provides a dynamic way for design and test engineers to gather pressure data in high resolution and process the information for comparisons and calculations. It's ease-of-use, stability and data integrity makes it the go-to tool for automotive and performance engineers working in a wide range of applications.

Pro software features include:

- Record live, real-time interface pressures
- View pressure images in 2D and 3D
- Stream video
- Analyze, review, and export pressure data:
 - Select frames and sensor groups within recordings
 - Compare frames
 - Analyze peaks/averages
- Advanced toolsets for tire/seating/wiper design

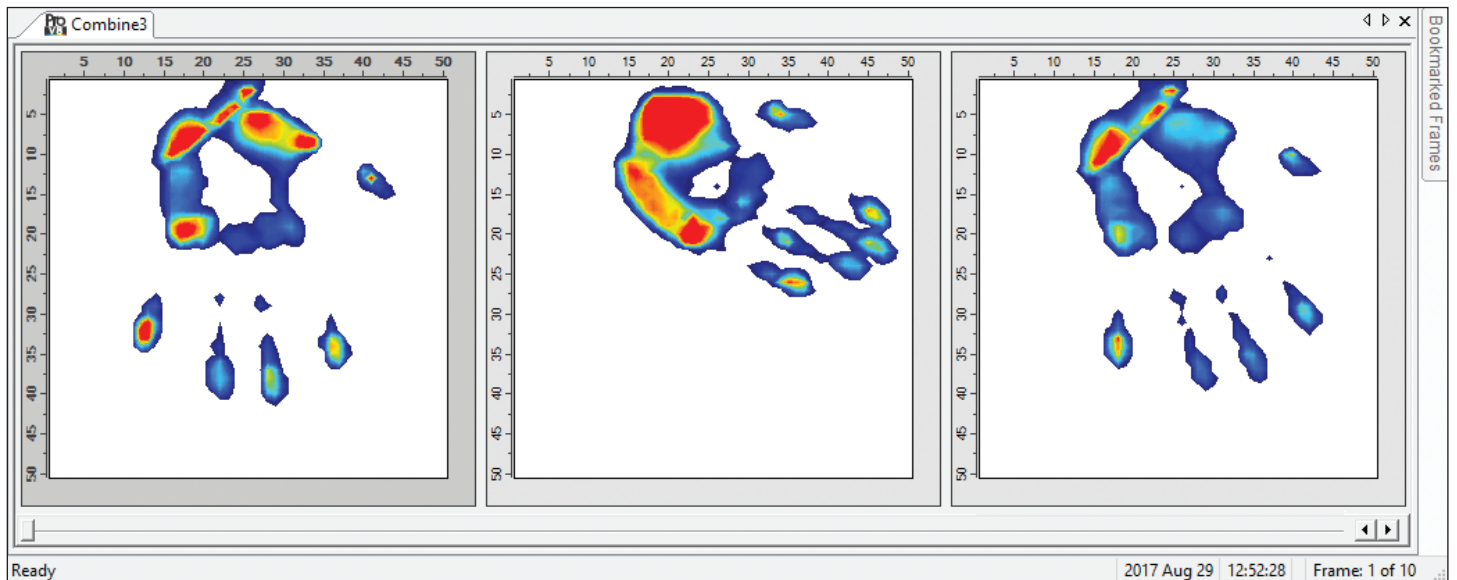
WHAT'S NEW IN VERSION 8?

BATCH EXPORT OF RAW OR CALIBRATED FILES

With the release of ProV8, engineers can now record sessions in RAW mode and then apply a calibration file to one, or more recorded files at the same time. So, no matter where the session is recorded, a single calibration file can be applied to all of the data.

MERGE RECORDINGS FROM DIFFERENT SENSORS

Sessions can now be merged using sensors of different shapes and sizes and data can be appended or combined into a single continuous file. You can now combine the data from up to eight sensors and have the ability to show them all running simultaneously, side-by-side, within one window.

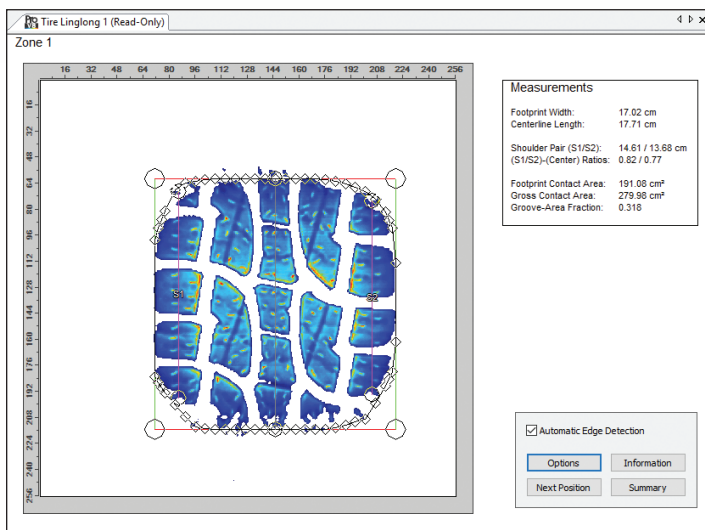


MORE CONTROL OF DATA EXPORTS

Powerful improvements in export controls make working with large data sets simple. Users can export only the data that is needed for analysis. And with ProV8, a frame, or series of frames can now be exported at intervals determined by the user, with a wider selection of export formats including .xsensor, .csv, and more.

NEW TIRE DESIGN FEATURES

A new feature of ProV8 is especially beneficial to tire designers who are now better able to measure contact areas and determine how edges of the tire contact patch will be rendered. And the ability to export an .svg file means that pressure images can be printed to scale.



IMPROVED GRAPHICS

Pro software provides a visually rich environment for viewing and assessing data. With ProV8, sensor margins are more clearly defined, making it easier to focus on areas of interest. Improvements to measurement tools, zoom functionality and sensor positioning makes it easier than ever to see what needs to be seen, and measure what needs to be measured.

New Features and Enhancements

Merge Sessions

- Allows the combining of separate session files. Useful for side-by-side data analysis

Export Sessions

- Scalable Vector Graphics (SVG) 2D export which allows full scale printing via third-party support
- New frame selection methods for exporting frames including regular intervals and frame averaging
- Sensors can be reordered during export
- Bookmarked Frames allows users to highlight frames of interest for quick navigation and export

User Interface Enhancements

- Sensor Group center of pressure indicators
- Size of "Center of Pressure Indicator" now adjustable
- 2D sensor margins with sensel counts or length units
- Optional manual placement of the sensors in 2D and 3D
- Improved sensel magnification in 2D
- 2D/3D contouring using b-cubic magnification for smoother rendering

Other

- Raw sessions can be converted to calibrated sessions
- Video capture from two web cameras
- Improved playback performance
- Improved time stamp accuracy
- Recording rate can be modified for existing sessions
- XSNReader DLL allows direct access to XSN files via a C programming interface

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Innovators in Pressure Imaging

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