

Optional Add-On Software Feature:

"SAVE MATLAB™"

Greater flexibility in data analysis with MATLAB!

The "Save MATLAB" feature facilitates saving Tekscan movie data (*.fsx file format) into a MATLAB MAT-File (*.mat file format) for greater flexibility in analysis. MATLAB is a high-level technical computing language and interactive environment for algorithm development, data visualization, data analysis, and numerical computation.

The movie file is converted into a two dimensional array where the sensor data is compartmentalized on the x and y axis, and each successive frame is incrementally added along the y axis. For example, for an *I-Scan*® 5051 sensor, the output array for a movie would be in increments of 44 by 44, with as many instances as the number of frames in the movie.

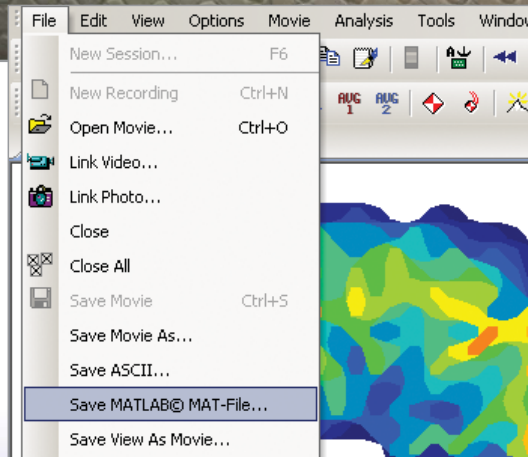
Applications:

- Sleep studies
- Finite Element Analysis boundary condition research



Requirements:

- This routine is compatible with all Tekscan systems except *I-Scan Handheld*, *I-Scan Lite*, and *CONFORMat Handheld*. Requires versions 6.30 and above.
- This feature is compatible with *MATLAB* versions up to 7.5.0342 (R2007b).



Data taken over several hours can be easily exported to MATLAB for further and more complex analysis.

CALL TODAY FOR A DEMONSTRATION!

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