

# TEMA • T2024a

Dec 2023

Image Systems announces T2024a, the latest release of the world leading software for motion analysis.

## What's new!

### TEMA Pro

#### Rigid Body Motion Removal for DIC

An improved function to remove rigid body motion for DIC-this automatically removes the average motion of the object and can be used to obtain displacements and other measures.

Can be reached from the DIC top menu.

#### Custom Point import introduced

It is now possible to import Point-sequences from a configurable ascii format. These sequences can be loaded as 2D, unscaled or scaled sequences, or 3D sequences which can be plotted against other data. This data can be used for coordinate system definition and plottable analyzable data.

#### Virtual Planes

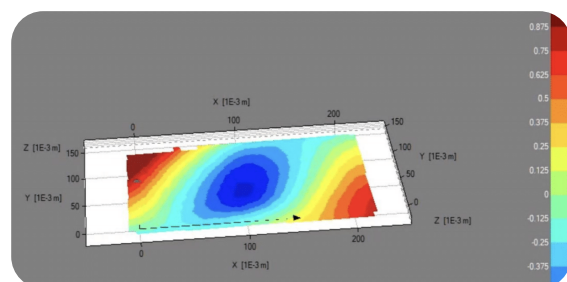
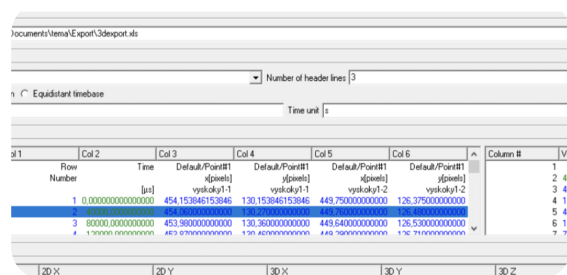
New functionality for 3D and 6D analysis-where Virtual Planes can be placed out in reference to existing objects and coordinates. These planes can be used for distance calculations, and figuring out exact behaviours of points and targets in a dynamic environment. For cases where there are boundaries on how certain objects move, or where displacement in certain directions are important, this can be a very useful tool.

#### Improved DIC tracking

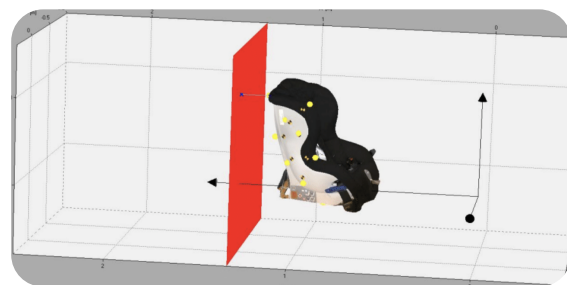
DIC-tracking has been improved and sped up for cases involving gradual rotation.


It is possible to set up custom directories for use with Camera Control together with archive object attributes-contact Image Systems for more information.

92 bug fixes for more stability 






Row Number	Time [µs]	Default/Point# [pxels]	Default/Point# [pxels]	Default/Point# [pxels]	Default/Point# [pxels]	Column #
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2	80000.000000000000	454.153043153046	130.153043153046	449.750000000000	126.370000000000	2
3	80000.000000000000	453.980000000000	130.360000000000	449.640000000000	126.530000000000	3
4	170000.000000000000	453.970000000000	130.420000000000	449.780000000000	126.710000000000	4



 support@imagesystems.se

 +46 13 200 100

 Image Systems AB, Snickaregatan 40, S - 582 26 Linköping - Sweden

 www.imagesystems.se