

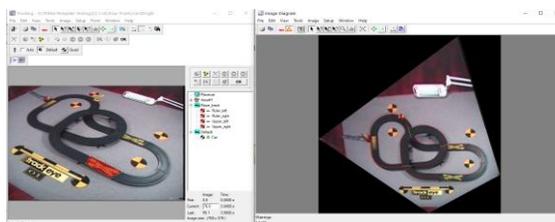
# TrackEye i2020

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Image Systems announces **TrackEye i2020**, the latest release of the world leading flexible platform for motion analysis. This release introduces

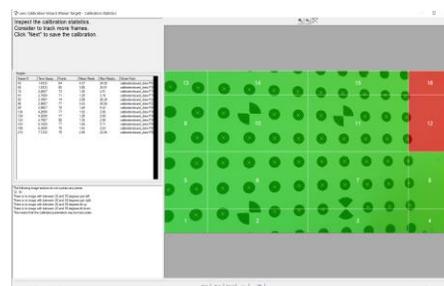
## MOTION-PLANE CORRECTED IMAGE DIAGRAM

It is now possible to display perspective corrected results in image diagrams. This allows the user to display tracking results on a corrected image like if the camera was looking perpendicular to the motion plane. In addition, this allows the user to display scaled data on image diagrams.



## AUTOMATIC LENS CALIBRATION WIZARD

TrackEye has been updated with a new lens calibration wizard – this allows the user to more easily follow the steps of a lens calibration, and more quickly get to the results. Get the great accuracy benefits of the lens calibration module, without complicating the workflow! The wizard can be reached inside the Planar Lens Calibration icon. In addition to this, the new smart lens calibration board enables TrackEye to automatically find all the points in the image, enabling automatic and rapid calibration of the cameras ahead of a test.



## EXTRAPOLATE LINE VISUALIZER

It is now possible to convert a 3D model distance between two points into an infinite line by a simple checkbox in the visualizer properties. This makes firing lines or trajectories materialize in an easy way to predict for instance hits on a target or place a point of interest on a 3D model.

## SUPPORT OF FLIR FORMATS

TrackEye now supports raw FLIR formats .ats and .sfmov for thermal imaging. This allows new fields of application for tracking based on temperature differences in the military or biology for instance.



## OTHER IMPROVEMENTS

- **Hotkey for connecting session icons:** Connecting icons can now be done by selecting the first icon, holding ALT key, then clicking the second icon.
- **More use for expressions:** Certain expression functions are now usable in diagram editors for labels
- **Time stamp rounding:** Image file time stamps can be rounded to the desired precision to avoid synchronization issues between cameras.
- **Geodetic transformation improvements:** Various improvements such as the export of polar or geocentric coordinates or allowing to define rotations around all three axes when defining a new coordinate system in the preferences.



**42** bug fixes and **32** improvements of existing features for more stability

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