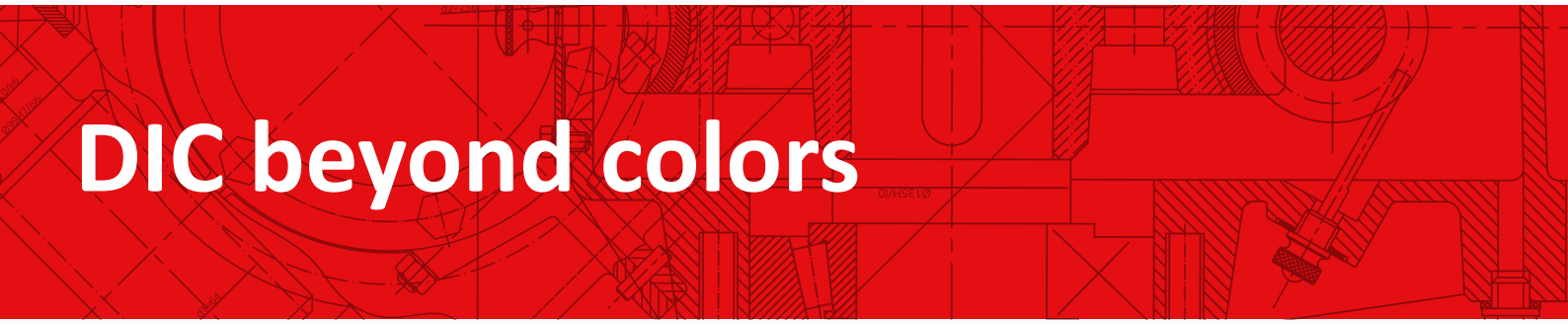
MatchID

Metrology beyond colors



DIC beyond colors

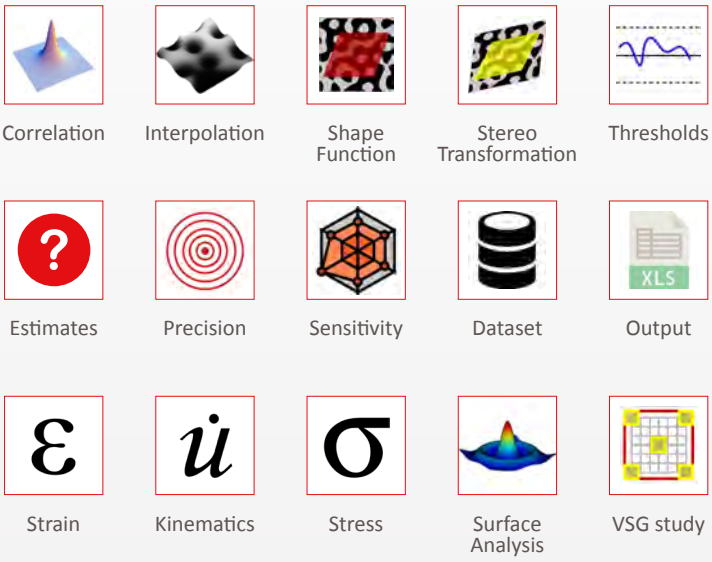
MatchID offers the world's first truly open, totally customizable DIC platform.

Our holistic approach implies we provide direct access to and insight in any and all variables and parameters that influence DIC performance.

Simultaneously, we open up our applications for bidirectional integration with external scripts.

Our DIC platform is completely modular, with components for image deformation, performance optimisation, error assessment, material identification, model validation, and many more.

This makes **MatchID** the most complete and most versatile system available today.



Key Features	Applications	Customer Benefits	Competitive Advantages
✔ Quantitative result interpretation	✔ Academic or industrial	✔ Insights beyond colours	✔ Measure displace-ments, strains & stresses
✔ Integrated error assesment	✔ Fundamental or applied research	✔ Better & faster results	✔ Technological innovator & benchmarker
✔ Elaborate post processing options	✔ Quas-static or high-speed	✔ Expert support	✔ Multi-viewport approach
✔ Customizable platform	✔ Any DIC experiment	✔ Seamless script integration	✔ Most advanced post-processing
✔ Integrate own code & scripts	✔ Any material	✔ Less tests needed	✔ True multi-cam
✔ Extensive experiment optimisation		✔ Re-use hardware	
✔ Advanced variable & parameter insights			

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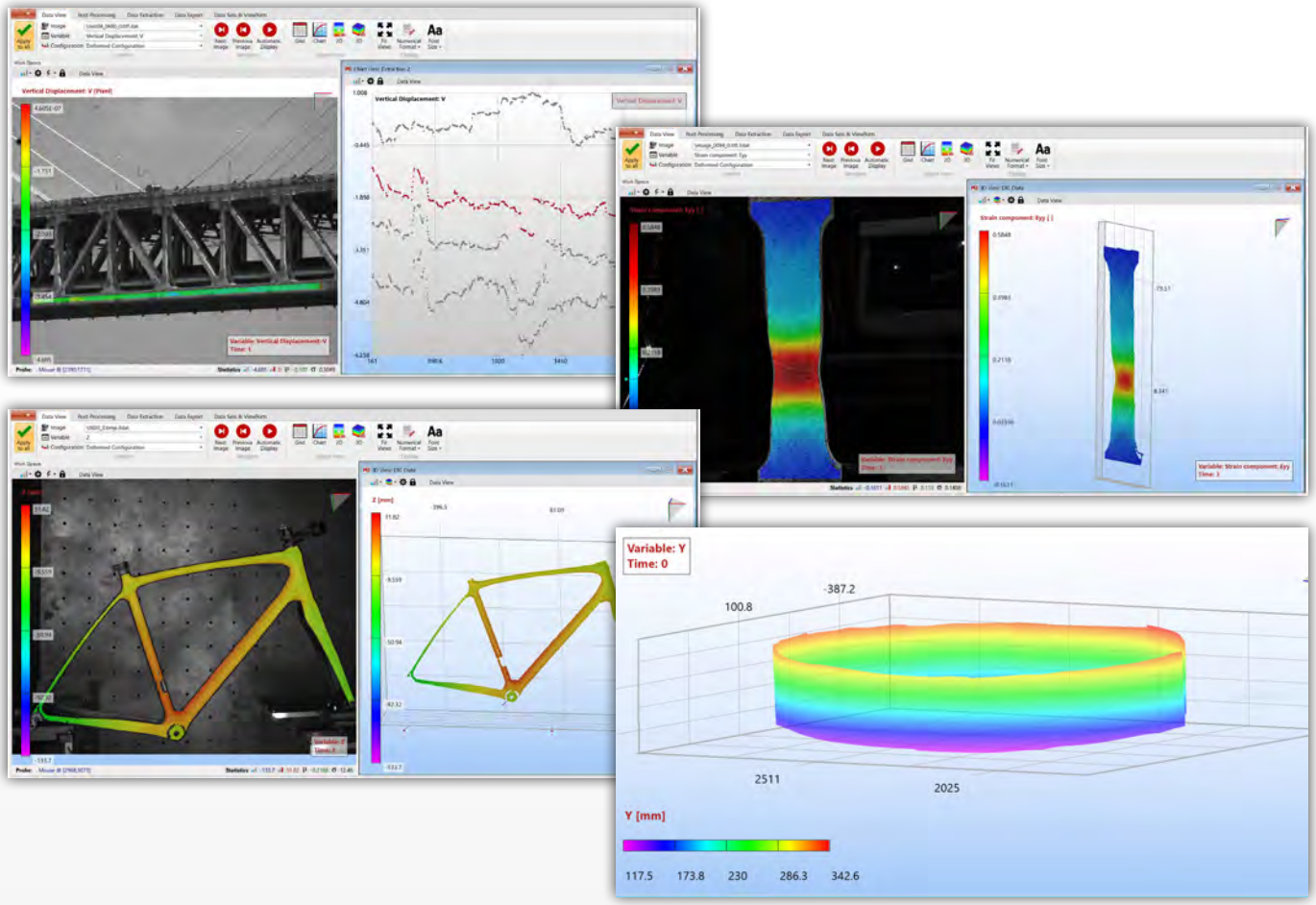

About MatchID

MatchID is a university spin-off, developing open, high-end, engineering software.

At the core of **MatchID**'s offering sits a holistic DIC-platform, providing quantitative result interpretation with integrated error assessment.

Many DIC systems generate coloured images to mark changes, such as strains or displacements; mostly operating by the black-box principle, these results merely show WHAT is happening in your experiment.

MatchID however answers the more important question: WHY and HOW does deformation happen; we provide insight into result creation, rather than having you test presumptions, thereby taking Digital Image Correlation to the next level.

Building on our DIC results, we do identification of mechanical properties of materials through the Virtual Fields Method (VFM).

Structural validation of Finite Element simulations is also supported, by establishing a one-to-one relation between model and experiment in the FEA module (FE-VAL).

Ultimate flexibility is offered by allowing direct interaction with external scripts, functions or programs through our universal Programming Language Interface (PLI).

The **MatchID** app-store allows for storing, using and buying or selling of third party tools.

In-depth training is available in the form of annual courses, webinars, self-training and online exercises.