



PROVISYS
ENGINEERING

DIGITAL IMAGE CORRELATION 2D - 3D

MEASUREMENT SYSTEMS BY VIDEO ANALYSIS



EFFICIENCY

- Better knowledge of materials
- Time saving



RELIABLE

- Precise results
- Access to all parameters



CUSTOMIZABLE

- Fully open and scalable platform

2D - 3D

ProViSys Engineering distributes **the world's first fully open and customizable Digital Image Correlation platform**. This platform is the result of many years of research and development.

We provide direct **access and insight into all variables and parameters that influence DIC performance**. We provide several processing and analysis modes (local, global, GRID method), allowing the user to select the one that best suits his experience. At the same time, we open our applications for **bi-directional integration with external scripts**. Our DIC platform is fully scalable, with components for image warping, performance optimization, error evaluation, material identification, model validation and more. This makes our platform **the most comprehensive and most complete and versatile tool available on the market today!**

CONTACT US



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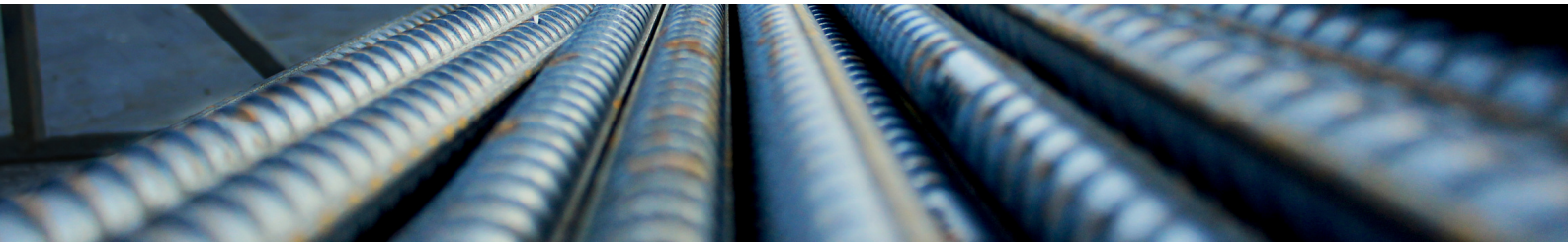
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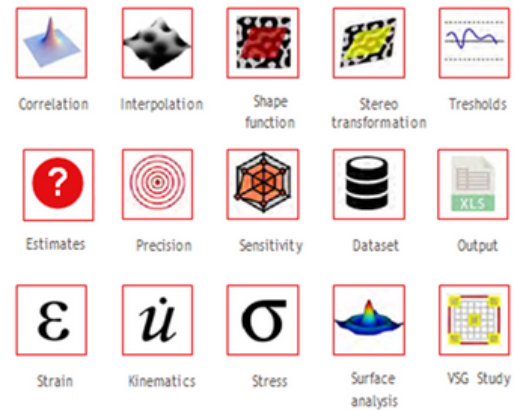
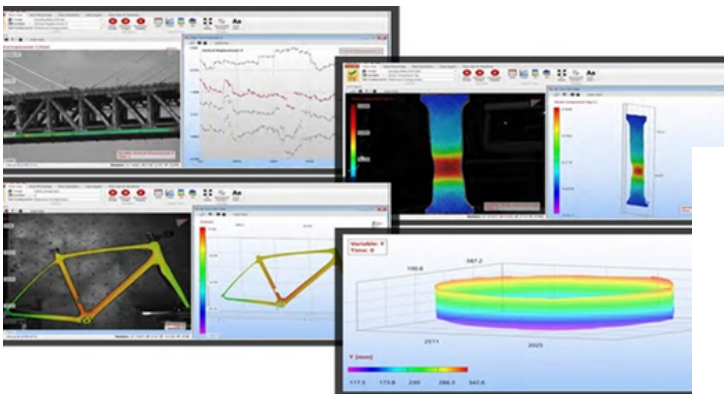
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2D - 3D (STEREO CORRELATION)

CHARACTERISTICS

- Quantitative interpretation of results
- Integrated error assessment
- Extensive post-processing options
- Customizable platform
- Possibility to integrate own code and scripts
- Extensive optimization of experiments
- Local, global and GRID analysis



APPLICATIONS

- Academic and industrial
- Basic and applied research
- Quasi-static, high speed and ultra high speed
- Any DIC experiment
- Any material
- From μ strain to +500% strain

CUSTOMER BENEFITS

- Insight beyond color
- Better and faster results
- Expert support
- Seamless script integration
- Less testing required
- Detailed information on variables and parameters

COMPETITIVE ADVANTAGES

- Measure displacements, deformations, stresses...
- Technological innovator
- Multi-window display approach
- Most advanced post-processing
- True multi-cameras
- Multiple treatment processes

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