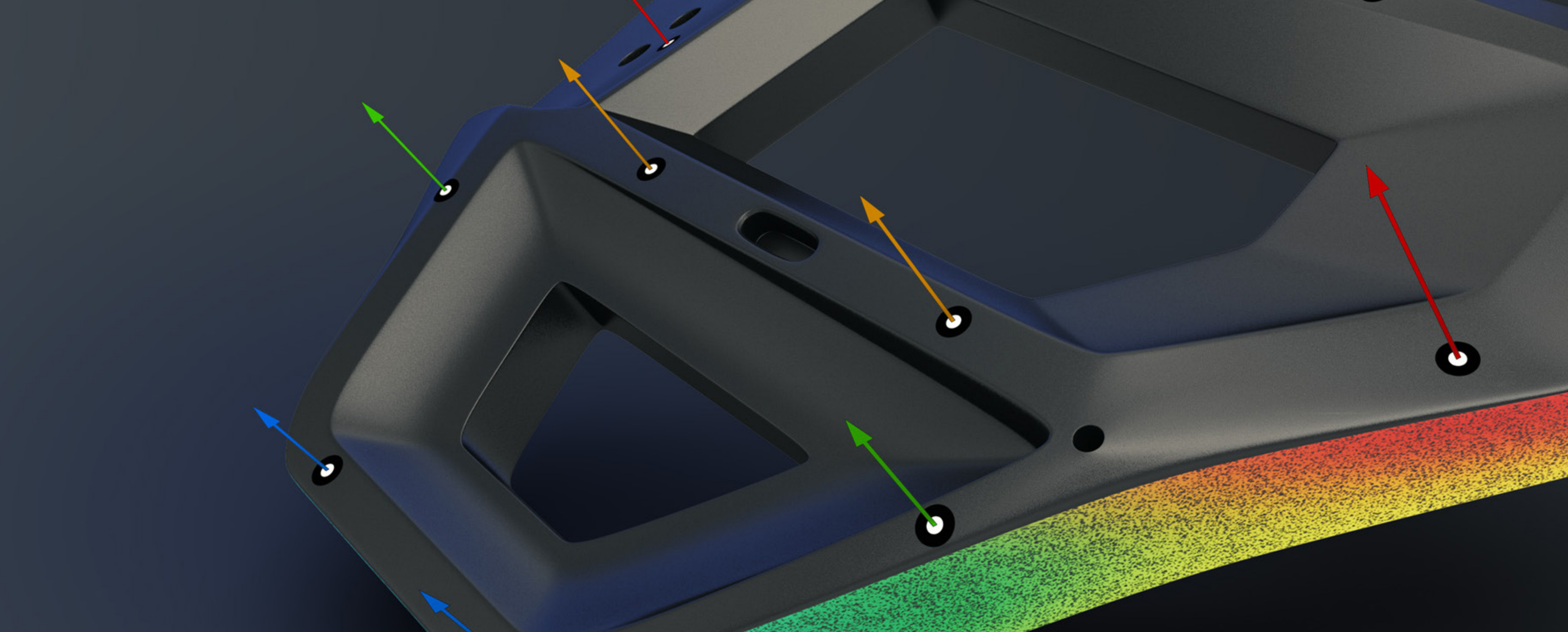




## ZEISS CORRELATE

Analyze motions, displacements and strains three-dimensionally



# Optimized support

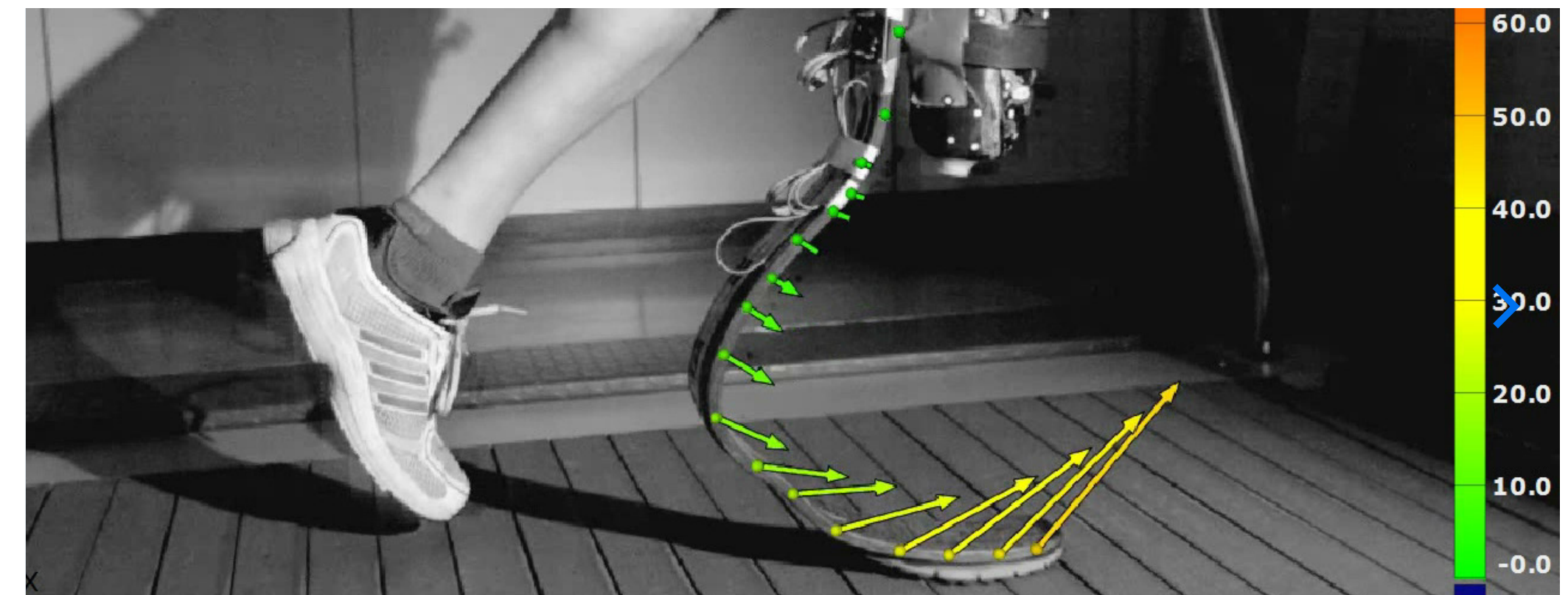
in all 3D testing applications

Turn videos into meaningful measuring data. Analyze dynamic processes such as displacements, rotations or angle changes. Use digital image correlation and point tracking algorithms to measure 3D coordinates with subpixel accuracy.



# Highlights

of ZEISS CORRELATE



# Extend your software with free apps

The basic functions of ZEISS CORRELATE are not enough?  
Extend and adapt the software to your needs.

## Visualize thermographic data

Analyze thermomechanical deformations  
with the help of temperature data from  
thermographic cameras.

## Tensile test

Use the possibilities of ZEISS CORRELATE  
to determine material properties.

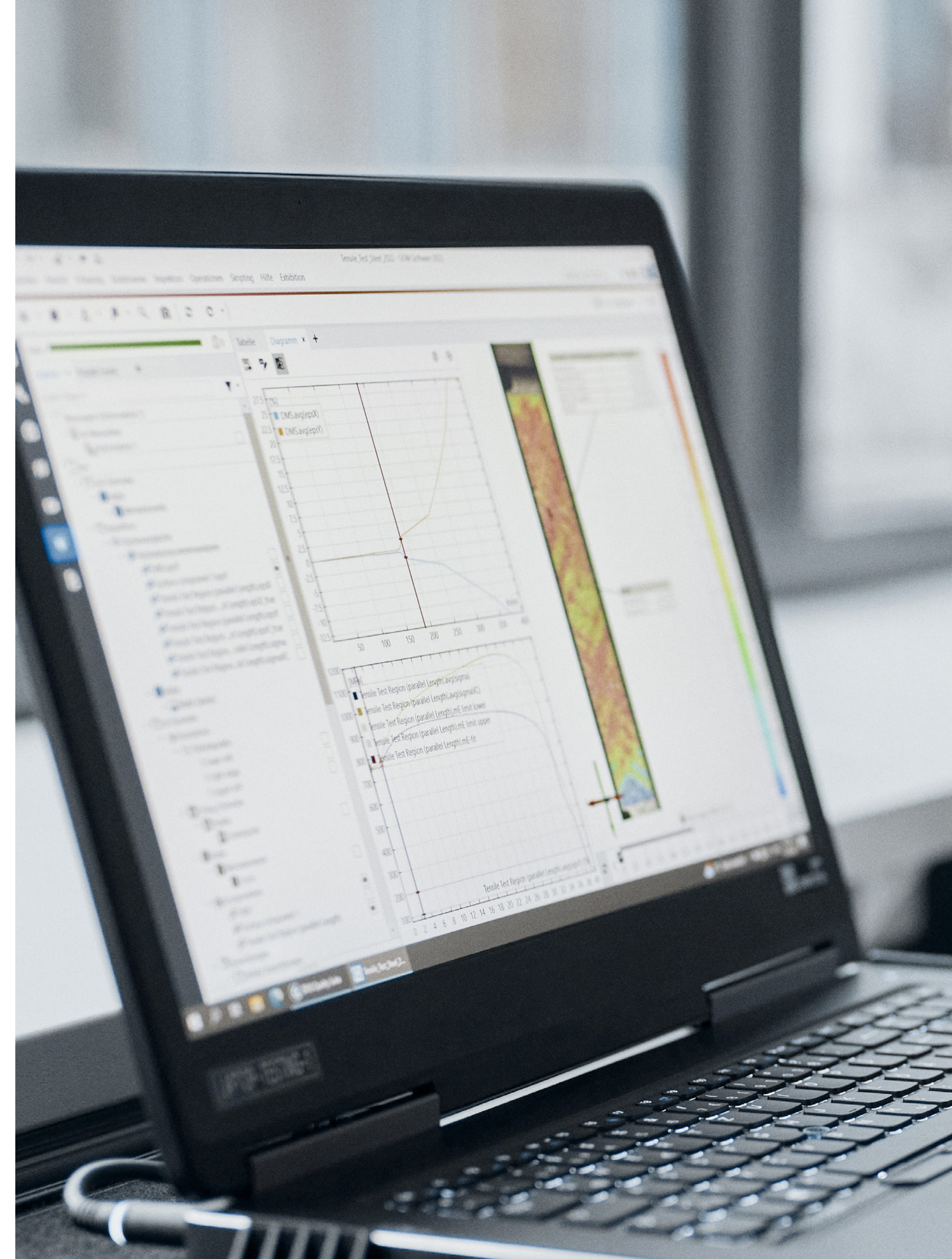
## Import of FEM data

Enables a surface comparison between  
measuring and simulation data.



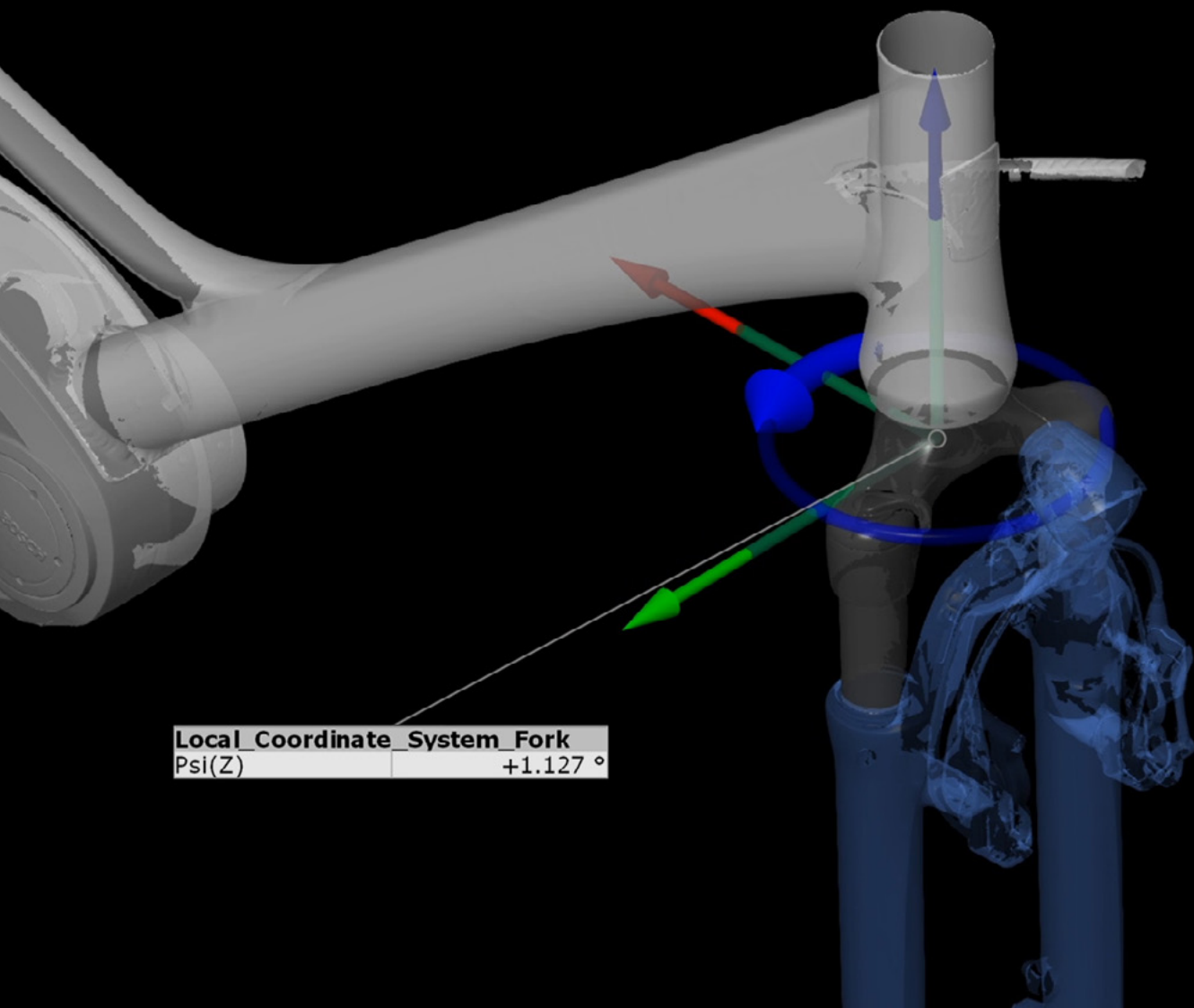
Discover all apps in the ZEISS Quality Software Store.

[Learn more](#)



# License overview

Select the license that is the best fit for your current inspection project.



|                                                                                             | Free license | Pro license |
|---------------------------------------------------------------------------------------------|--------------|-------------|
| <b>Import</b>                                                                               |              |             |
| Import 2D image series                                                                      | ✓            | ✓           |
| Import videos                                                                               | ✓            | ✓           |
| Import additional scalar values, e.g. temperature data and geometries                       | ✓            | ✓           |
| Import point clouds and mesh data (ASCII, STL, PSL, PLY, ...)                               | ✓            | ✓           |
| Basic CAD import (IGES, VDA, STEP, JT Open, STL, PLY, ...)                                  | ✓            | ✓           |
| Native CAD import (CATIA, NX/UG, Pro/E, Parasolid, SAT, ...)                                |              | ✓           |
| <b>Inspection</b>                                                                           |              |             |
| Edit projects                                                                               | ✓            | ✓           |
| Full-field and point-based evaluation                                                       | ✓            | ✓           |
| Strain, 3D displacement and 3D deformation                                                  | ✓            | ✓           |
| Digital image correlation                                                                   | ✓            | ✓           |
| Point tracking                                                                              | ✓            | ✓           |
| Relative 6DoF analysis                                                                      | ✓            | ✓           |
| Create and use project templates                                                            |              | ✓           |
| Parametric inspection<br>(edit, undo, track inspection)                                     |              | ✓           |
| <b>Customization</b>                                                                        |              |             |
| Use Add-ons (e.g., determination of material parameters, import of FEM data)                |              | ✓           |
| Create individual Add-ons (scripts, report templates, label templates etc.)                 |              | ✓           |
| Individual programming including macro recording                                            |              | ✓           |
| Create and execute scripts via a Python interface                                           |              | ✓           |
| Import any required Python library                                                          |              | ✓           |
| <b>Reporting</b>                                                                            |              |             |
| Create and export reports with videos, snapshots, images, tables, charts, text and graphics | ✓            | ✓           |
| Intuitive color-coded result representation                                                 | ✓            | ✓           |
| Edit existing reports                                                                       |              | ✓           |
| Presentation mode for measuring reports                                                     |              | ✓           |
| Reporting pages with a customized design                                                    |              | ✓           |
| <b>Export</b>                                                                               |              |             |
| Export current file formats (e.g., ASCII, CSV, XML and UFF)                                 |              | ✓           |

# Want to try out ZEISS CORRELATE for free?

In the ZEISS Quality Software Store, you can download the trial license and benefit from 30 days access to all ZEISS CORRELATE features. After that, you can request a quote to get the powerful pro version. Or you activate the free license. It offers you all functions for the most common evaluations. Completely free of charge!

## Your advantages in the ZEISS Quality Software Store

- Direct access to the trial of the pro version and the free license
- Request quotes at any time
- Easily enhance ZEISS CORRELATE with apps and download them directly from the store
- And much more

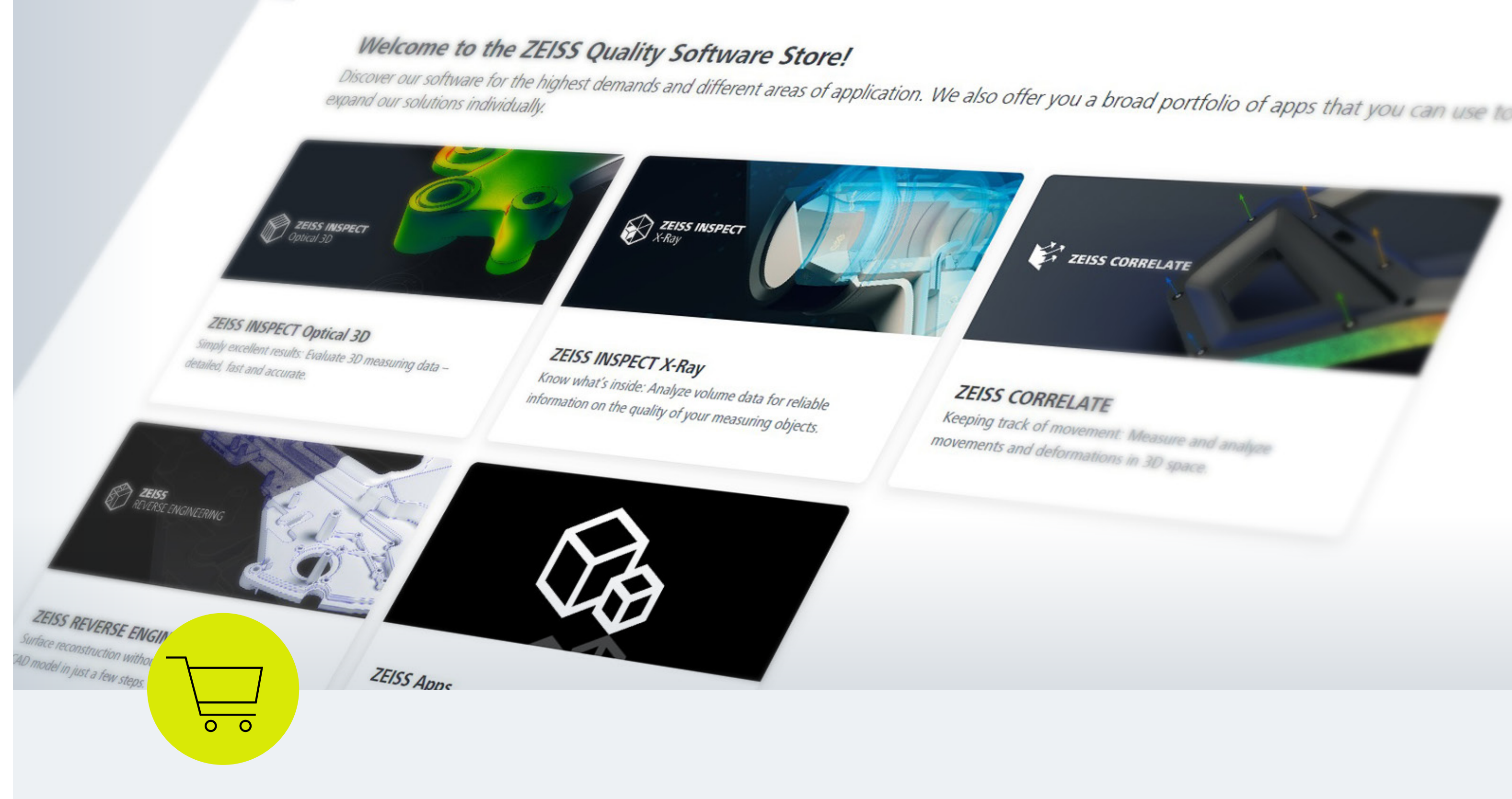


## Interested in trying out ZEISS CORRELATE?

Here are the four easy steps:

1. Go to the ZEISS Quality Software Store
2. Log in with your ZEISS ID or create a ZEISS ID
3. Select the desired license
4. You will receive information about the installation process in the store.

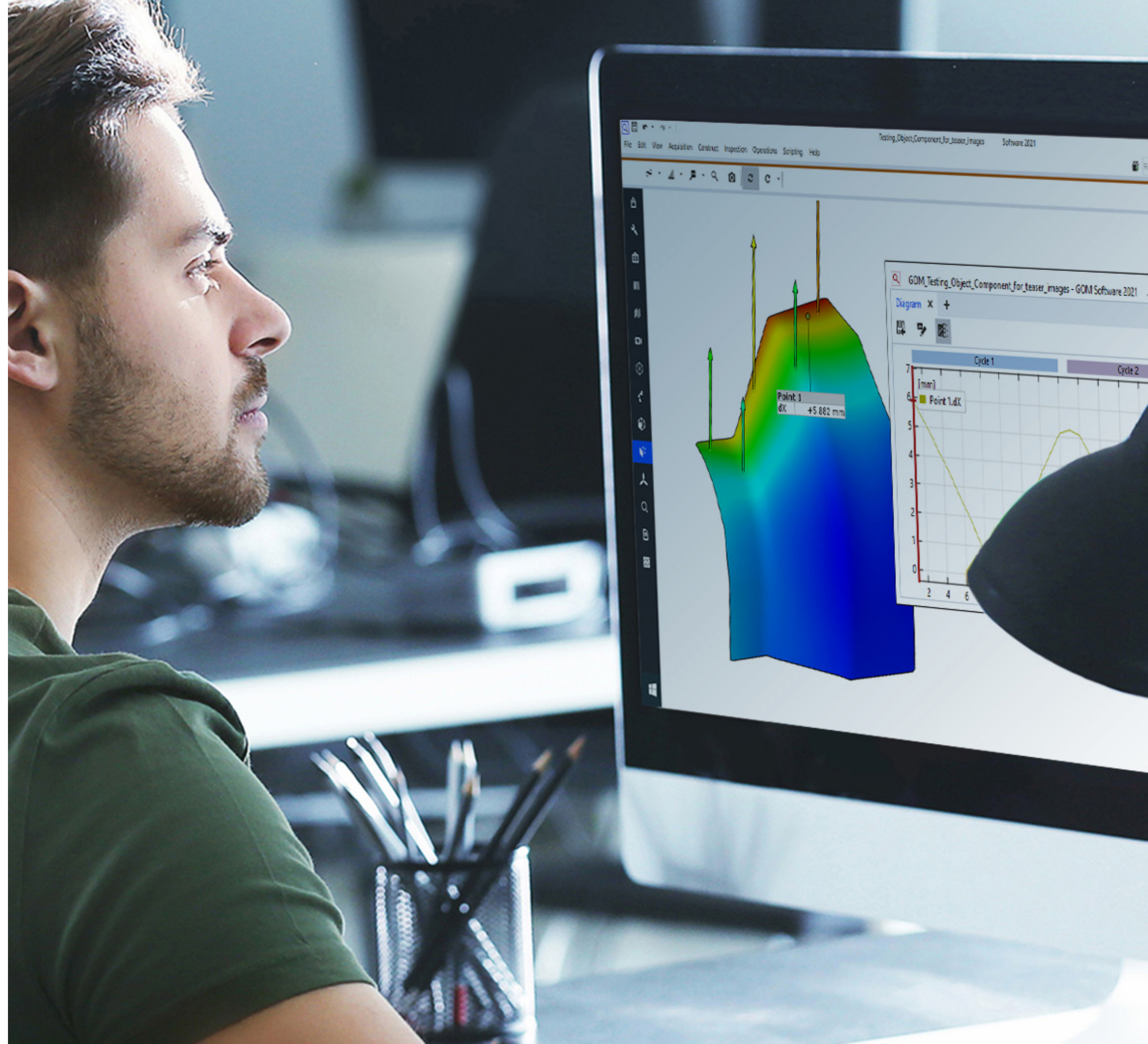
Start now

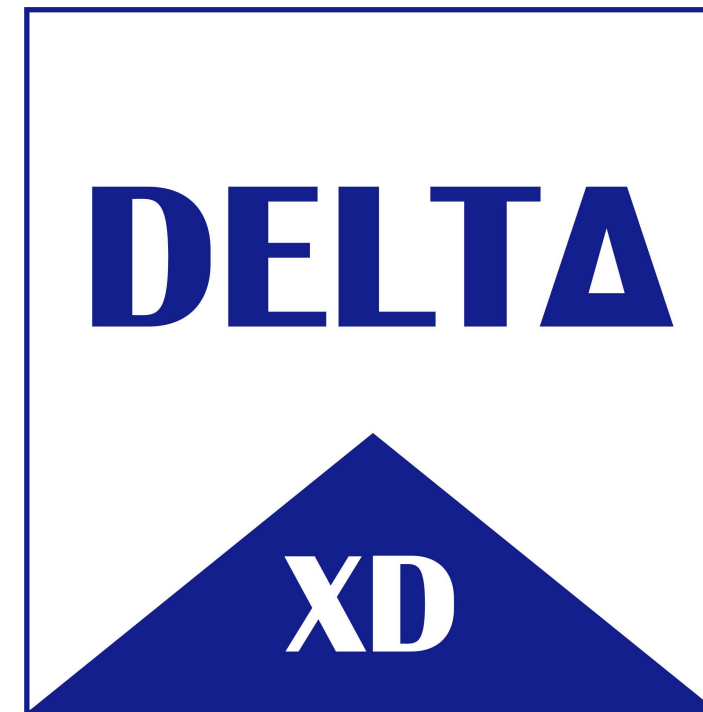


## Do you need more information?

Find the ideal introduction for your 3D testing analyses. Whether just the free license, the purchase or a trial of the pro version – it's up to you.

[Learn more](#)





Certified  
Metrology Partner