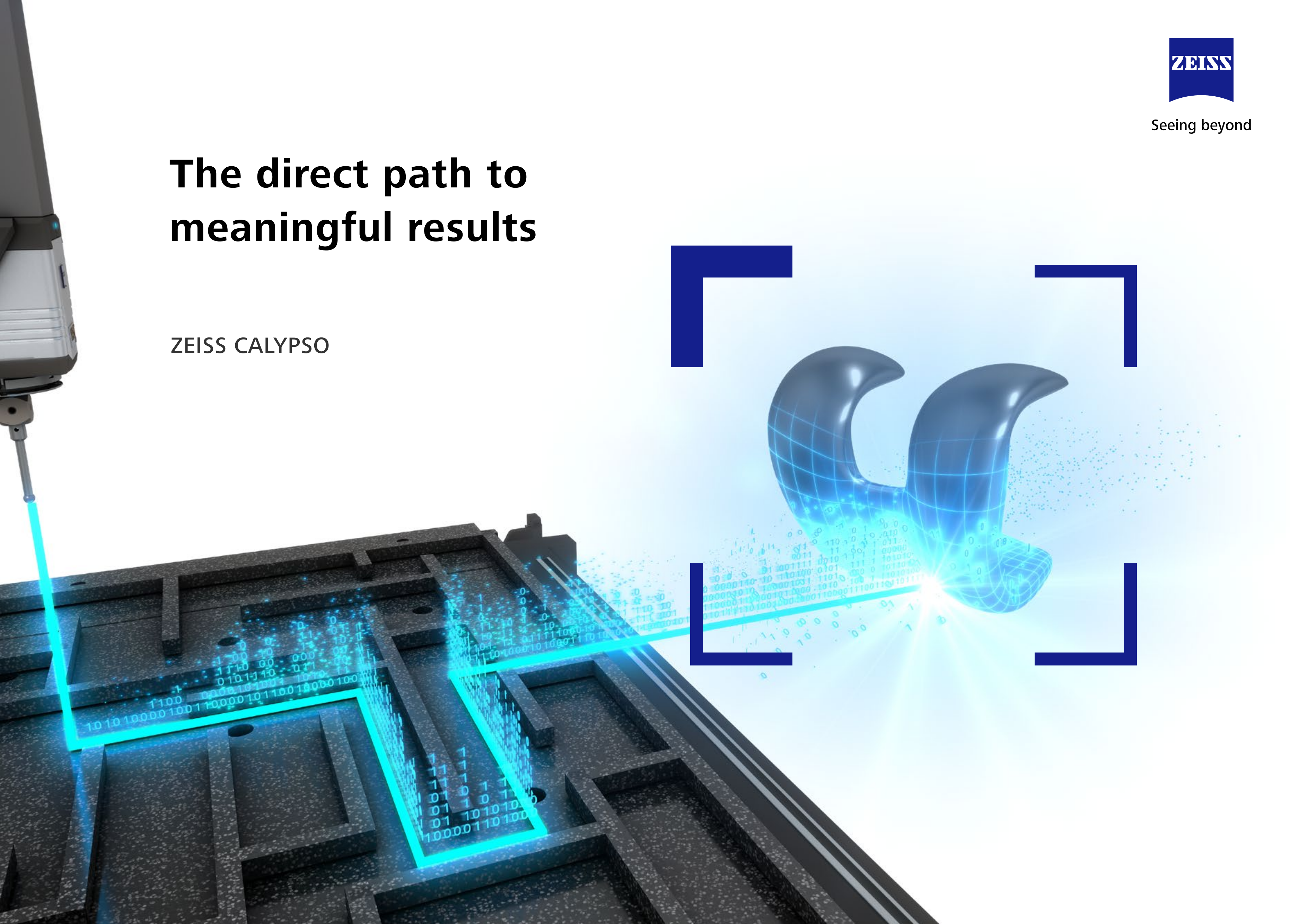




Seeing beyond

The direct path to meaningful results

ZEISS CALYPSO



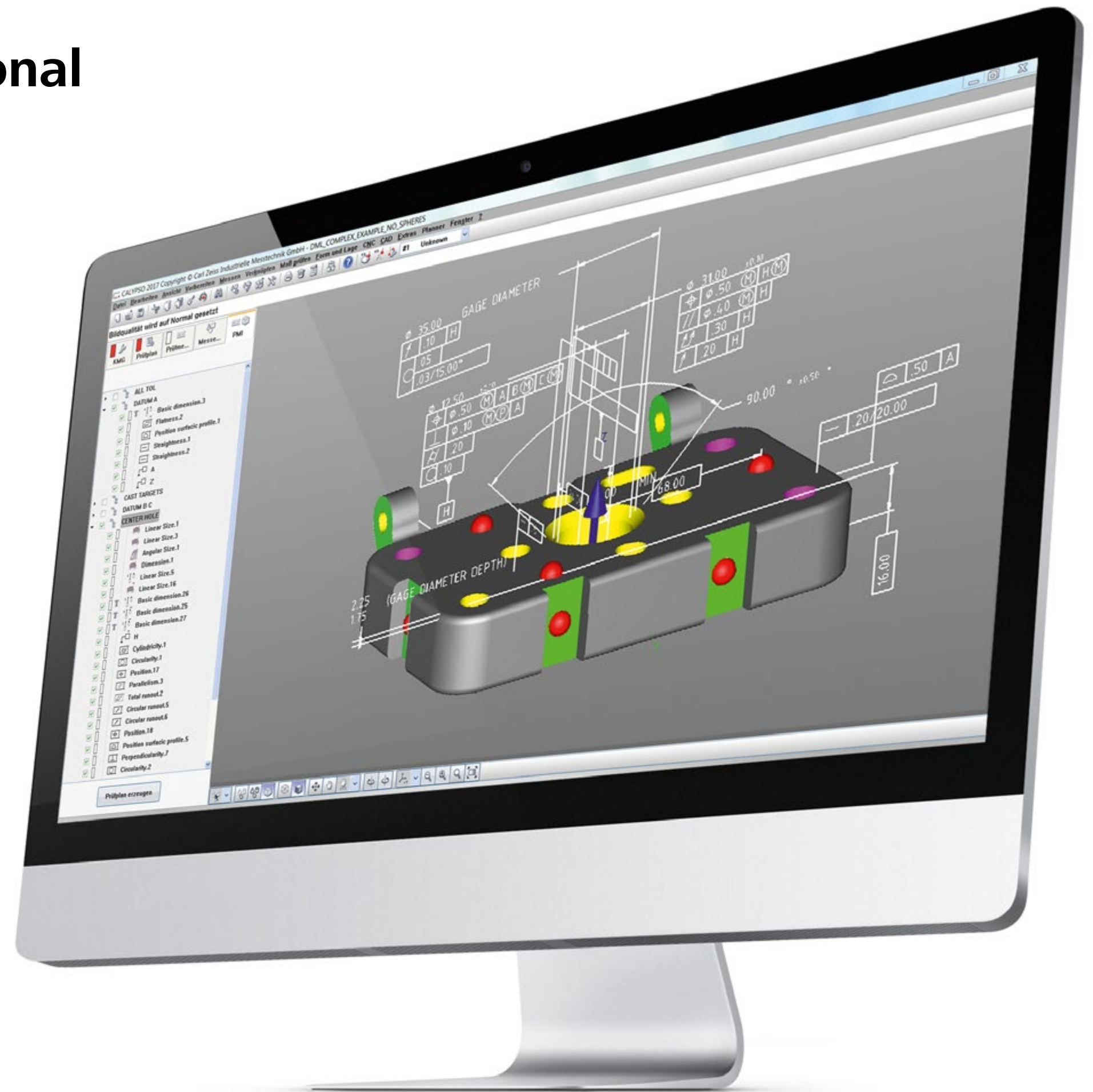
Universal Software for Dimensional Metrology Applications

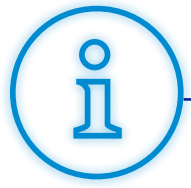
ZEISS CALYPSO

With ZEISS CALYPSO, you will measure standard geometries easily, quickly and reliably. A single click on the required characteristics is all that is needed for programming. In combination with measuring machines and sensors from ZEISS, you receive a high-performance system from a single source. Thanks to a large number of options, ZEISS CALYPSO also offers the right tools for special requirements.

Software Highlights

- Control of all coordinate measuring machines and sensors from the ZEISS portfolio
- Creation of measurement plans without programming knowledge
- Remote optimization of measurement programs
- Detailed 3D data evaluations and meaningful reports



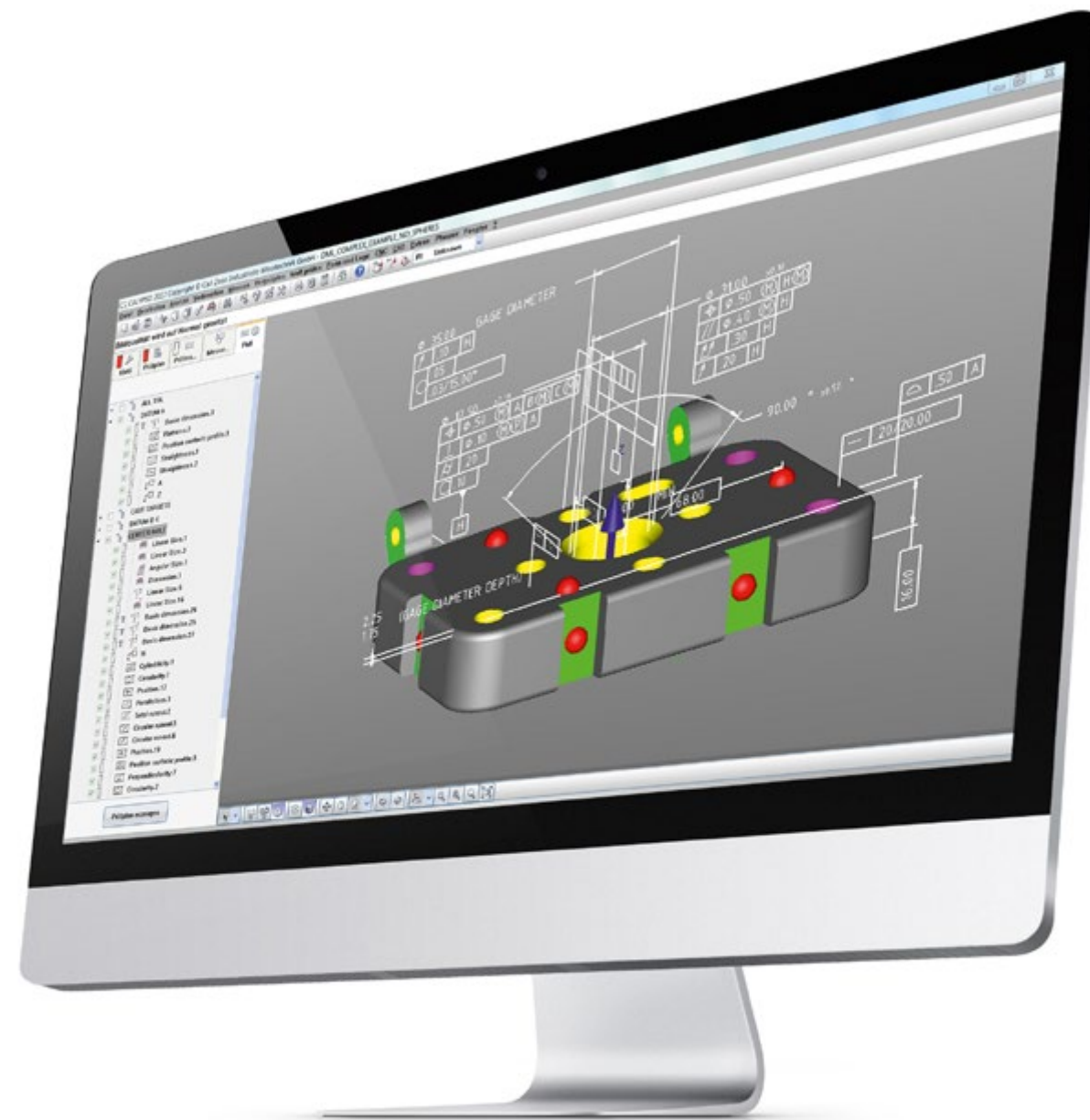


Functions and Benefits of ZEISS CALYPSO

The software enables technology-independent tactile and optical measurements as well as roughness measurements to be performed with ZEISS coordinate measuring machines and the resulting 3D data to be subsequently checked and analyzed.

Reliable and future-proof software solution

ZEISS is continuously developing new software functions. In doing so, ZEISS works at the forefront of technological progress in terms of design, production and quality assurance, so that you can continue to work productively and with the highest quality standards tomorrow.

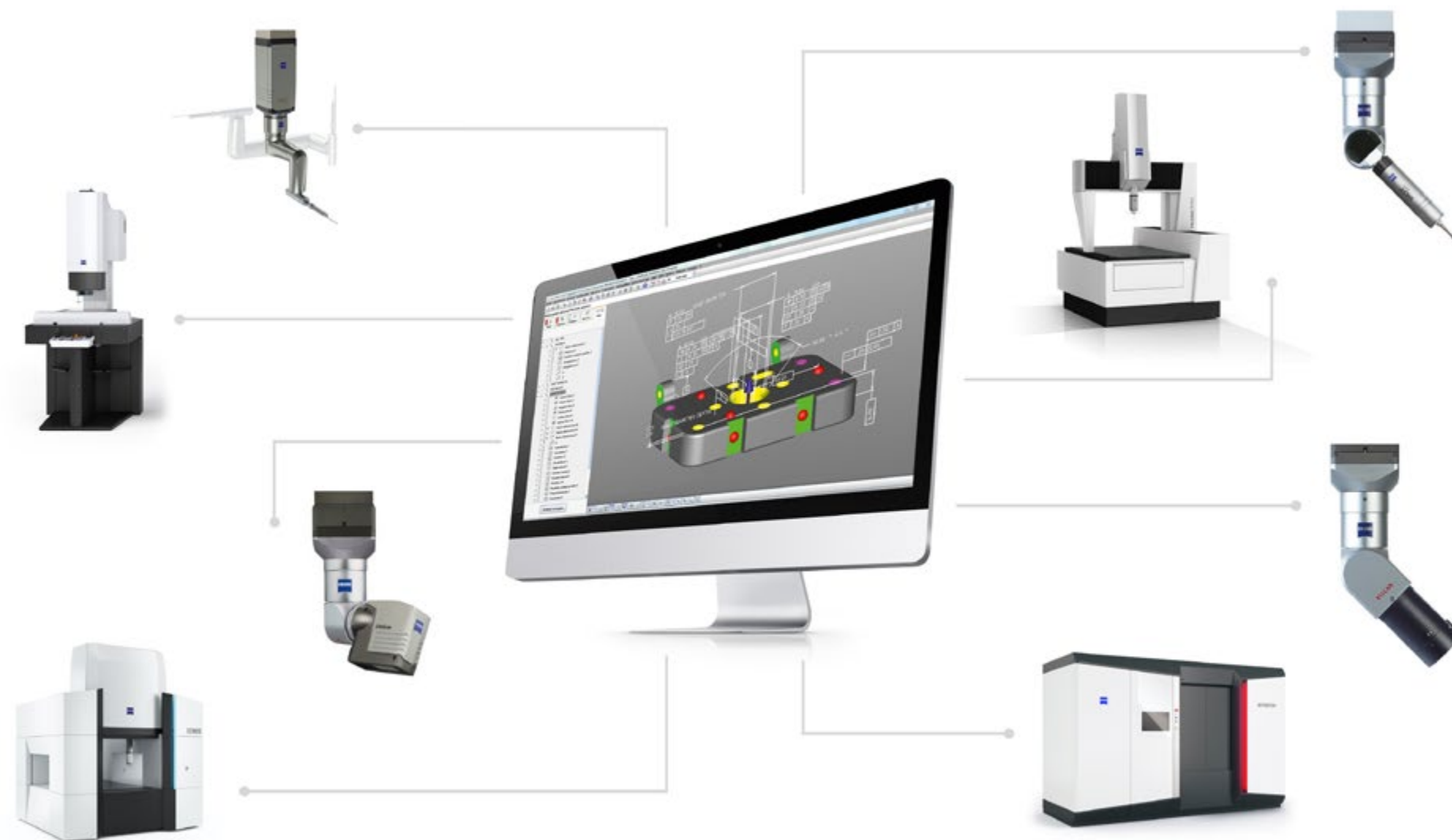




Technology Independence

More Flexibility with Less Effort

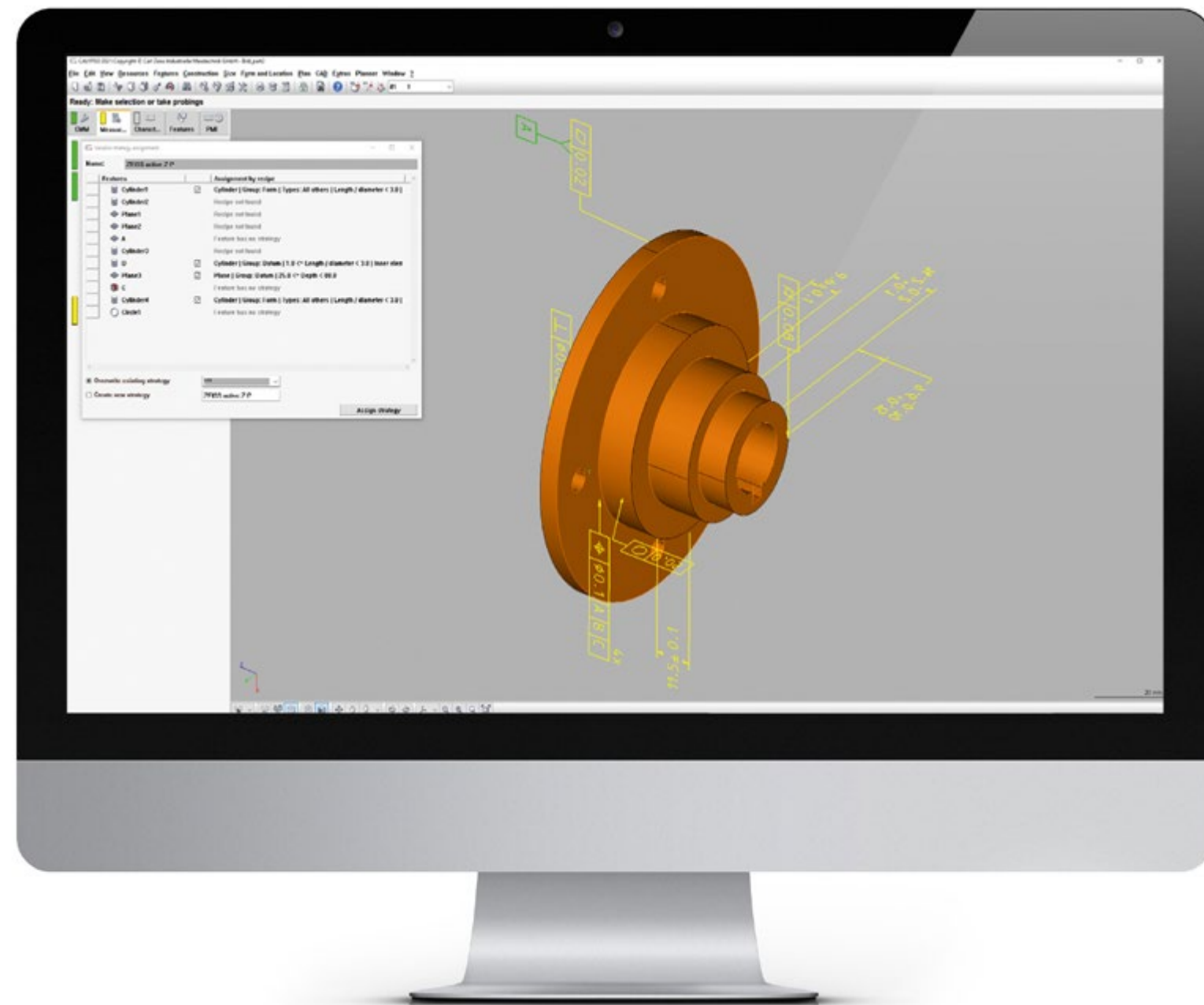
In ZEISS CALYPSO, tactile, optical and multi-sensor coordinate measuring machines as well as roughness sensors from ZEISS can be combined in a measurement plan depending on the desired measurement strategy.



Creation of Measurement Plans

Simple Programming and Standardization

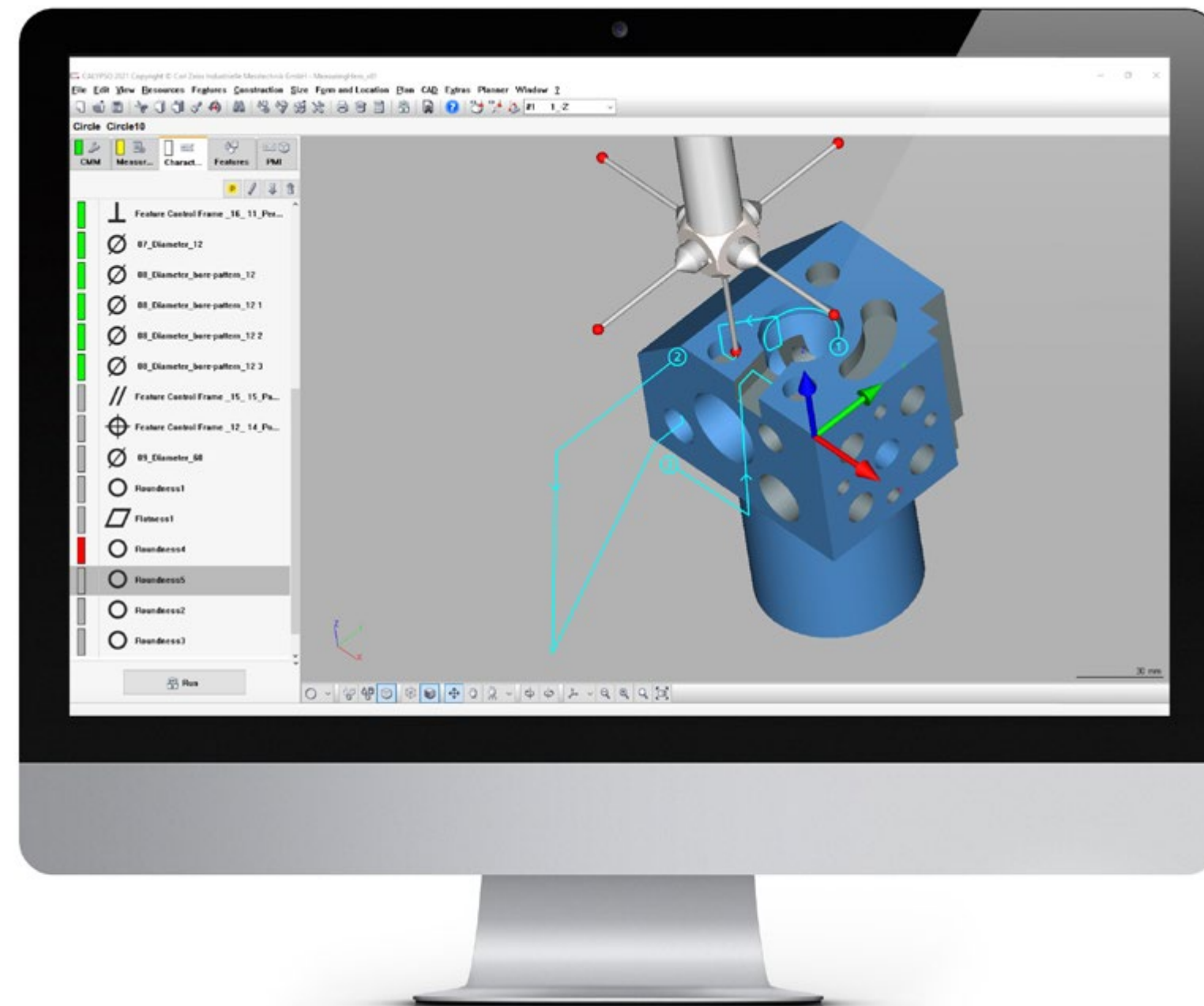
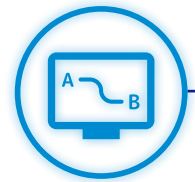
With the CAD-based metrology software, measurement plans can be created intuitively and with just a few clicks by using appropriate CAD interfaces. The dimensional, form and position tolerances stored in the CAD model as Product and Manufacturing Information (PMI) are used for this purpose. The ZEISS variable strategy also ensures the comparability of measurement results.



Automatic Generation of Travel Paths

Ensuring an Efficient Measurement Process

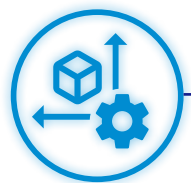
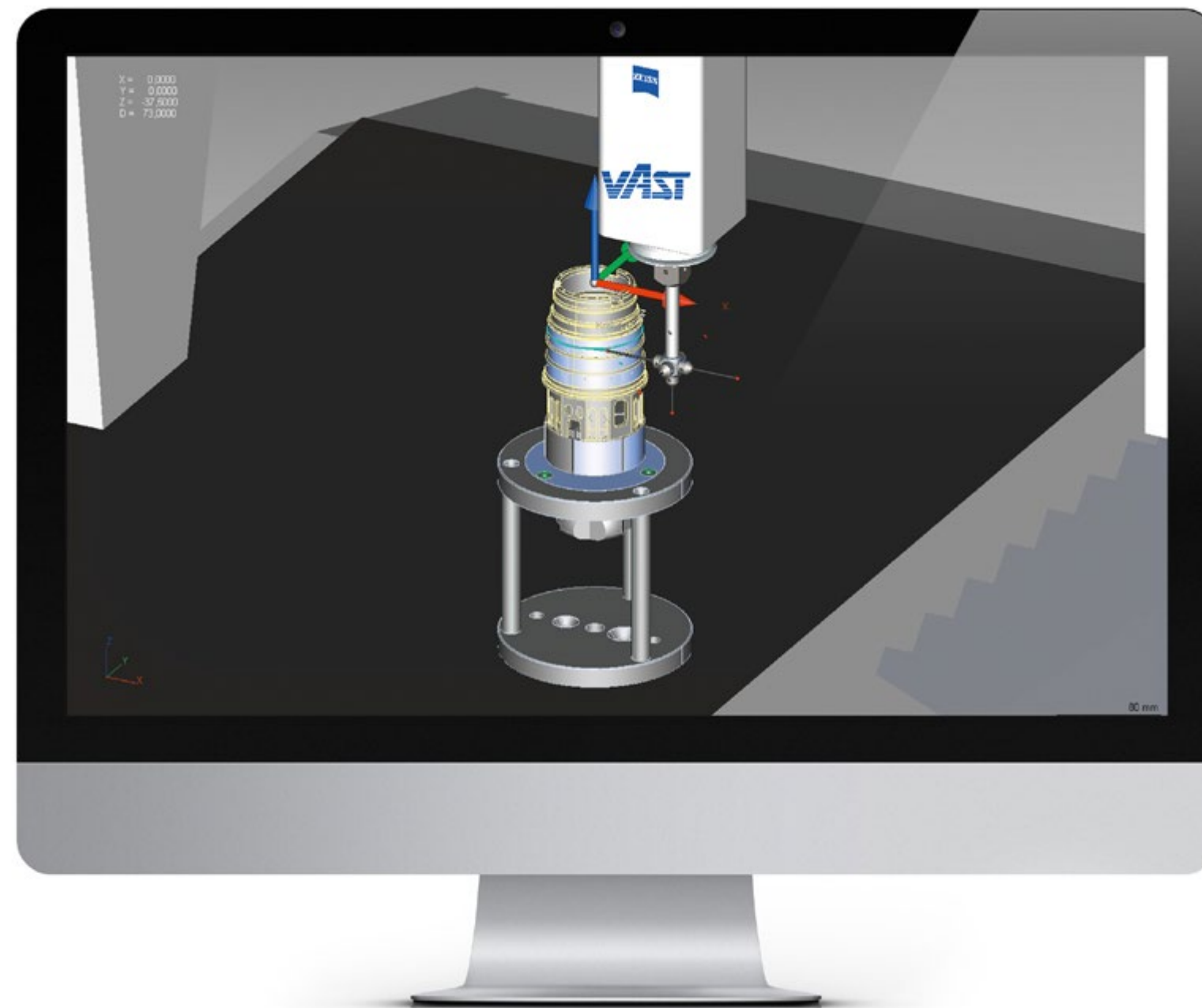
The software automatically generates the travel paths between features and simultaneously optimizes the measuring sequence to reduce operating time. In addition, ZEISS CALYPSO reduces the programming and maintenance effort of measurement plans, as features can be easily added, deleted or changed.



Remote Measurement Plan Optimization

ZEISS CALYPSO planner and simulation

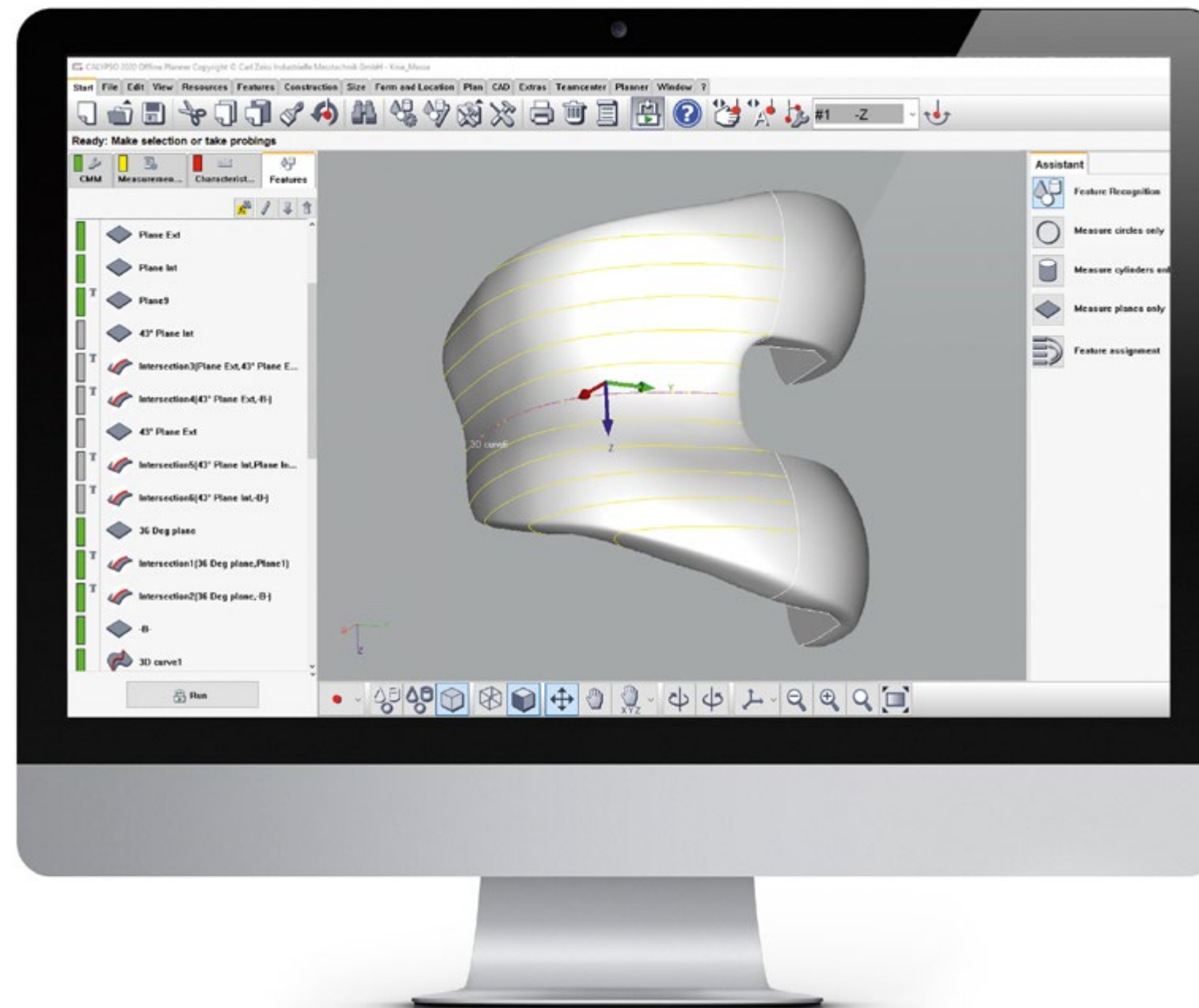
With the software options, complete CNC measurement plans can be created and stored on a computer station remote from the machine. In this way, the user can simulate the travel paths of the measuring device with ZEISS CALYPSO and perform a collision check in advance. The complete capacity of the measurement device is thus always retained.



Detailed Workpiece Evaluation and Inspection

Analysis of 3D Measurement Data

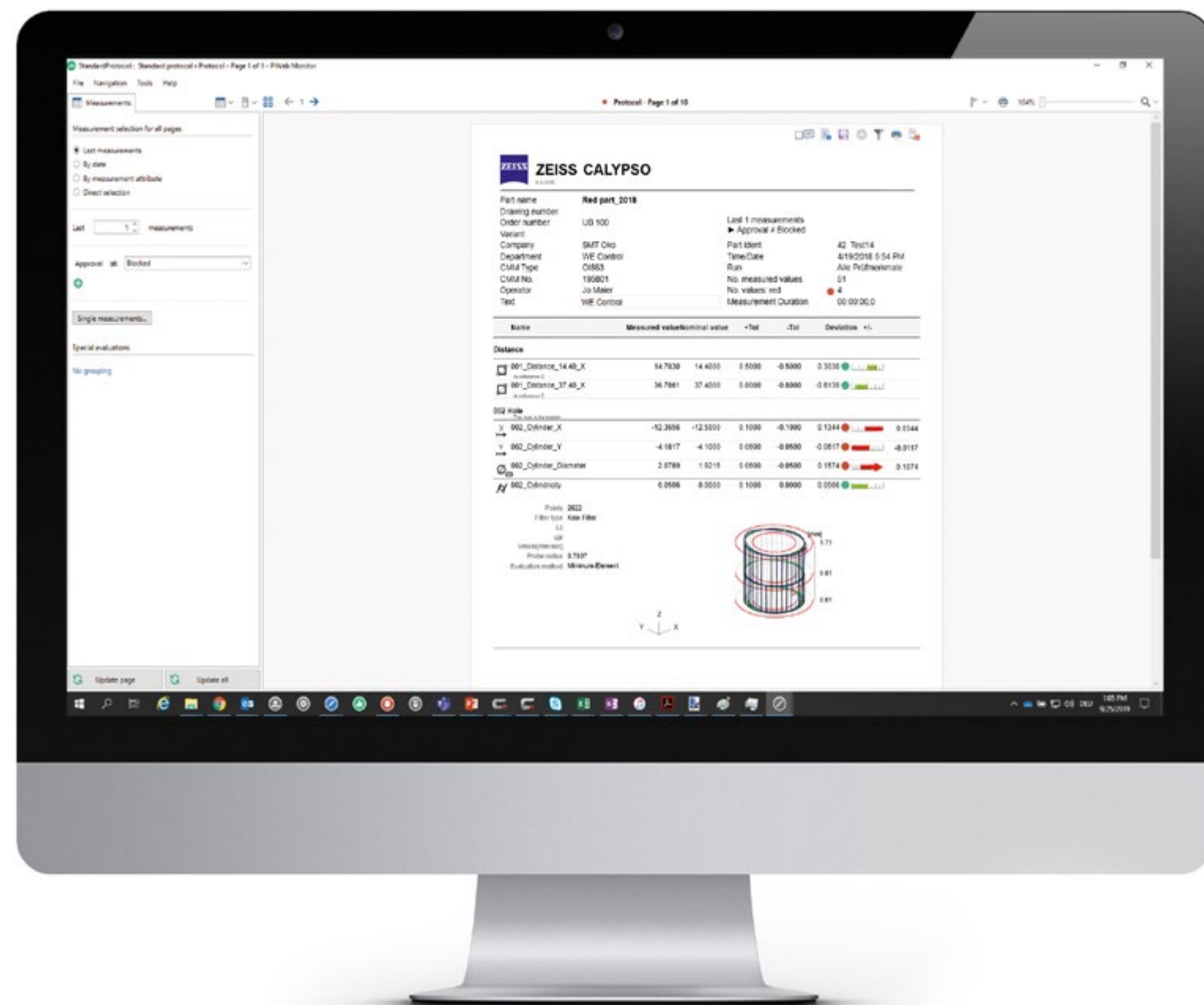
Users can evaluate their recorded and digitized 3D data directly with ZEISS CALYPSO. The software supports simple or complex measurement tasks – from mesh processing and CAD import to form and position calculations.



Powerful Measurement Result Visualization

ZEISS PiWeb reporting

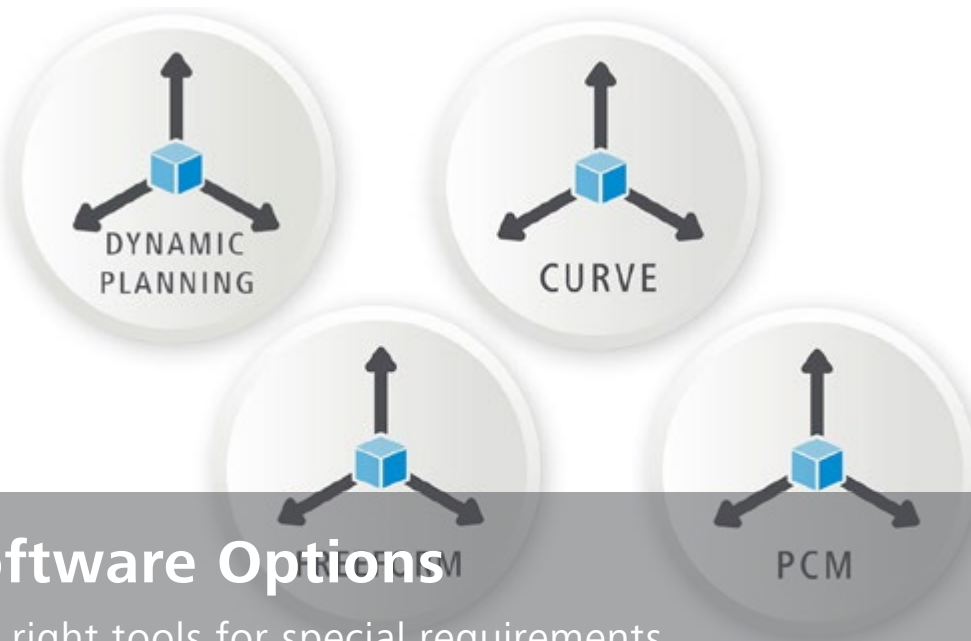
Professional protocol design is included in ZEISS CALYPSO with ZEISS PiWeb reporting. Users can benefit from protocol templates or create their own reports and templates to visualize measurement results in a meaningful way. With the ZEISS PiWeb reporting plus software option, an extension to statistical functions is possible. In addition, a database for up to 1000 data sets is included and parallel measurement and evaluation on the coordinate measuring machine is possible.



Discover the World of ZEISS CALYPSO Software

Extendable Software Solution for All Customer Requirements

No matter what measurement challenges you face, the ZEISS CALYPSO software tools always ensure reliable and future-proof measurement results for a wide range of applications.



Software Options^M
The right tools for special requirements.



Flächenform_DS_Gauß	
Act	0.101
Nom	0.000
Dev	0.101

Latest Software Version
New standards for more performance and high productivity.



ZEISS Software Maintenance Agreement
Up to date with current software version.



Compatible Software Packages
ZEISS CALYPSO extension with additional ZEISS software packages.



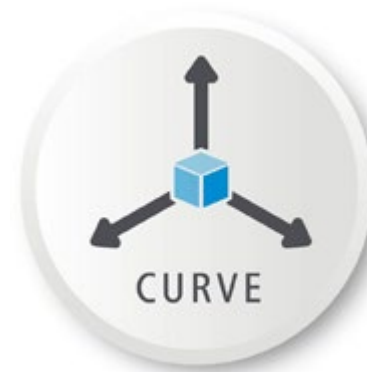
Compatible Measurement Devices
One software for all ZEISS coordinate measuring machines and sensors.

ZEISS CALYPSO Software Options

The Right Tools for Special Requirements

ZEISS offers additional ZEISS CALYPSO software options for special applications and measurement tasks. You can purchase these in addition to the universal ZEISS CALYPSO measurement software to adapt the software to your individual measurement requirements.

Examples of ZEISS CALYPSO software options:



ZEISS CALYPSO curve

The option allows measurements and analyses of 2D and 3D profiles and measures numerous curve-related features.



ZEISS CALYPSO freeform

Software option for measuring, inspecting and analyzing workpieces with non-standard geometries and for 3D surface analysis.



ZEISS CALYPSO PCM (Parameter Codes Measurements)

This software option significantly reduces the time required to measure workpieces of the same part family.



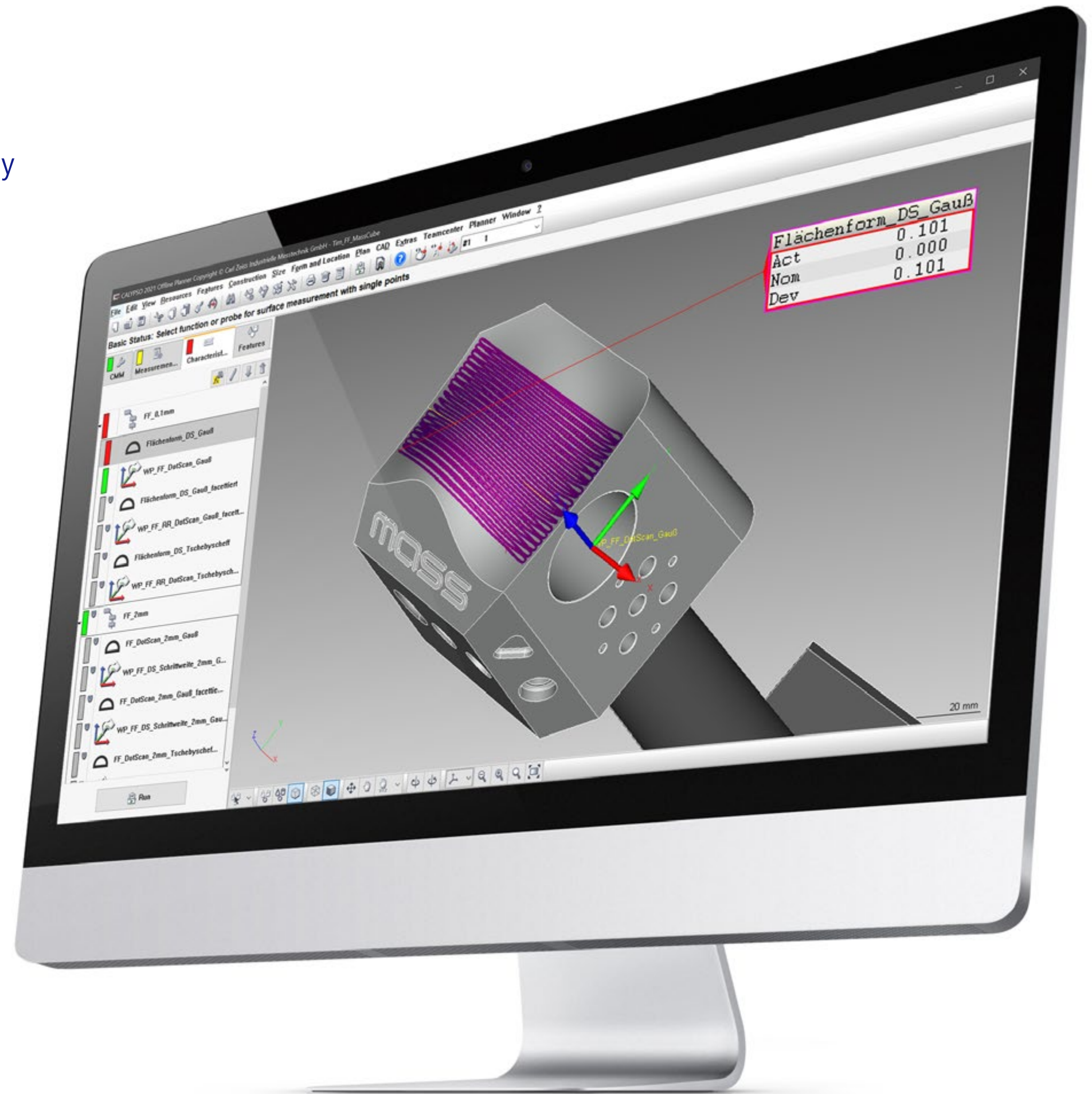
ZEISS CALYPSO dynamic planning

The software option enables dynamization of the inspection severity. Quality control is thus optimized for production.

Latest Software Version

New Standards for More Performance and High Productivity

ZEISS CALYPSO has been subject to continuous development for over 25 years and is therefore always at the cutting edge of technological progress in design, production and quality assurance. These factors are the motivation for the continuous development and improvement of ZEISS CALYPSO to meet the needs and requirements of the users.



ZEISS Software Maintenance Agreement

Up to Date with Current Software Updates

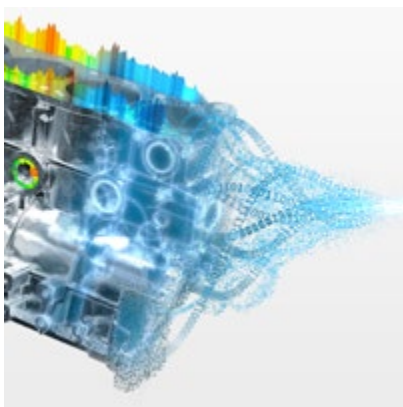
Regular software updates are crucial for future-proof processes. With a ZEISS Software Maintenance Agreement (SMA), you can rely on high quality in the long term. And that is through direct access to the latest software functions, user know-how, targeted software support and continuous software updates as well as service packs - at lower upgrade prices.



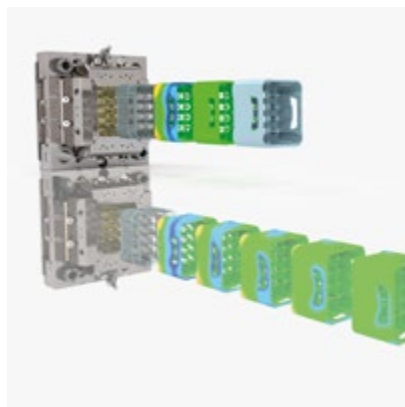
Compatible software packages for ZEISS CALYPSO

ZEISS CALYPSO Expansion with Additional ZEISS Software Packages

The universal ZEISS CALYPSO metrology software can be expanded with additional ZEISS software packages to adapt your measuring environment to your needs and requirements. All ZEISS software packages ensure reliable and future-proof measurement results and a significant increase in the performance of your measurement processes.



ZEISS PiWeb
Scalable IT solution for
quality data management



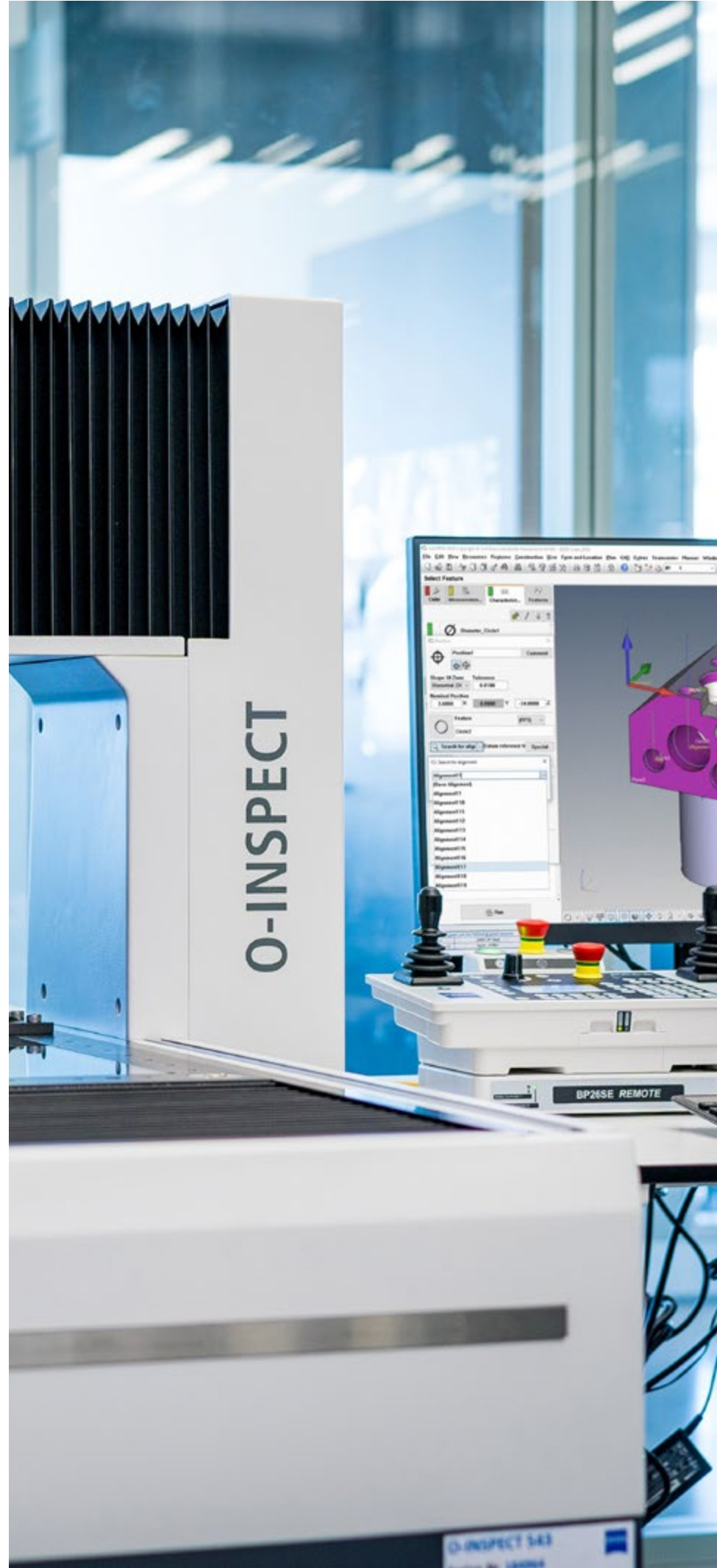
ZEISS REVERSE ENGINEERING
Software for reverse engineering
and tool correction



ZEISS SMART SERVICES
Digital customer service



ZEISS STYLUS SYSTEM CREATOR
Quick creation of stylus systems



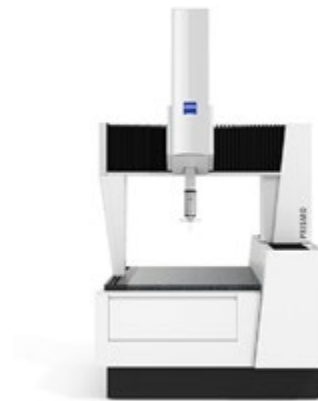
Compatible ZEISS Measurement Devices

One Software for All ZEISS Coordinate Measuring Machines and Sensors



Optical and multi-sensor coordinate measuring machines from ZEISS

Complex measurements can be performed easily and quickly with optical measurement solutions from ZEISS. With a high degree of automation and state-of-the-art sensor technology, you reduce operating errors and guarantee high measurement accuracy. ZEISS CALYPSO enables you to adapt measurement plans to the settings of your coordinate measuring machines and to control the machines accordingly.



Bridge and portal coordinate measuring machines from ZEISS

Measurement results with high accuracy are particularly important for quality assurance. Bridge and portal devices from ZEISS feature a precise touch probe system that impresses with its high measuring speed. The various solutions and systems can be tailored directly to individual requirements. In addition, the measuring devices are supplied with the ZEISS CALYPSO software, which, among other things, controls the coordinate measuring machines and ensures a continuous increase in the performance of your device.



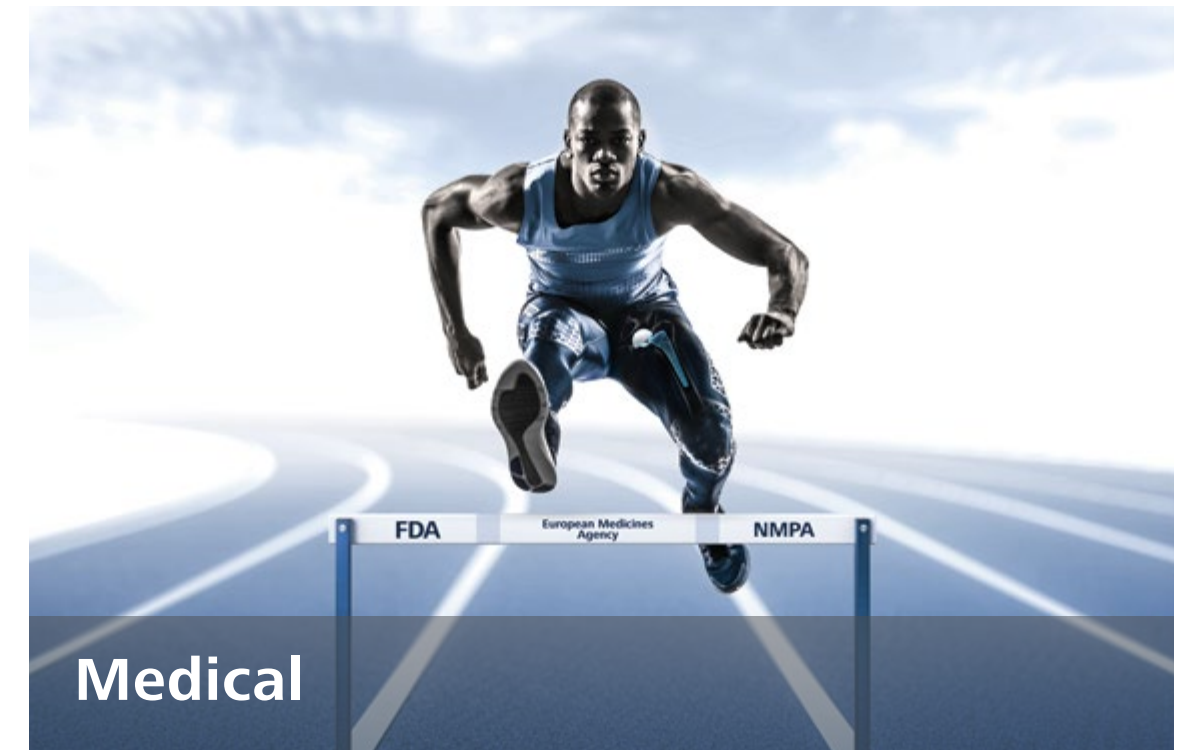
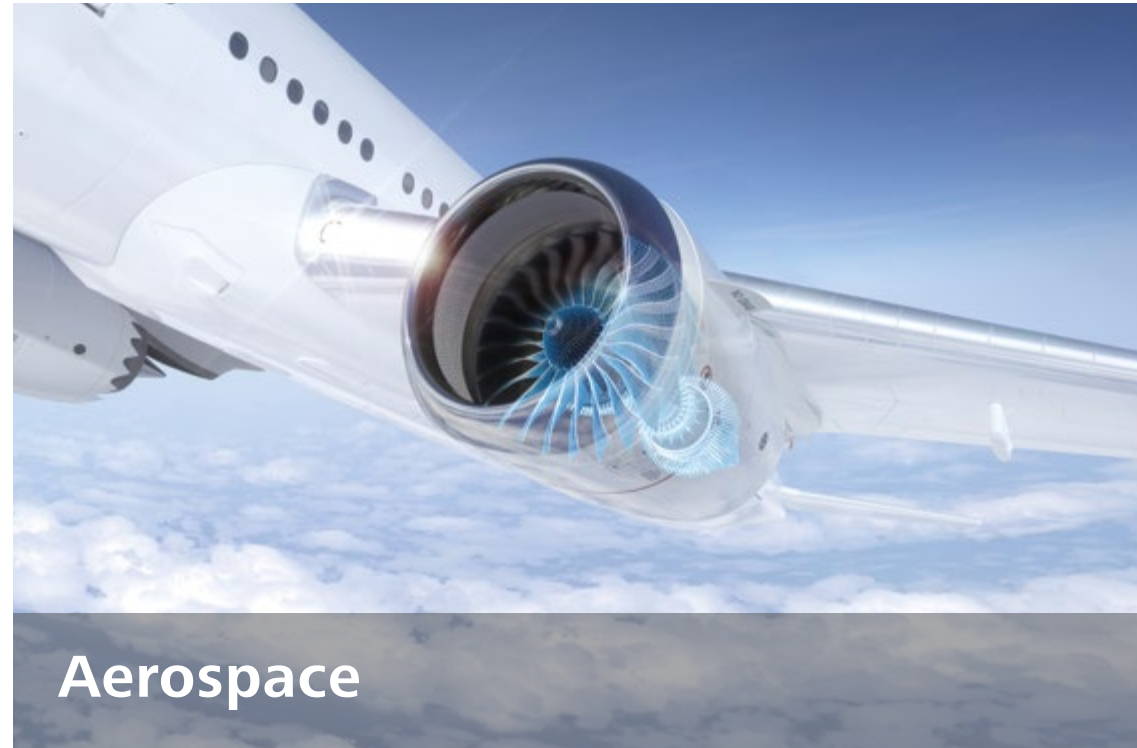
Tactile and optical sensors from ZEISS

Different sensors, whether measuring optically or tactilely, have different advantages and areas of application. That is why ZEISS coordinate measuring machines are equipped with different sensor types that can be controlled with the ZEISS CALYPSO software.

Measurement Solutions for All Industries

Industry Examples in Which ZEISS CALYPSO Is Used

ZEISS CALYPSO software is used for quality control in various industries where dimensional measurements are required, as well as in research and development facilities.



Services and Support for ZEISS CALYPSO

ZEISS Offers a Wide Range of Services and Support Solutions



Become wiser. Anywhere.

Live Online Trainings from the ZEISS Metrology Academy

Keep yourself and your employees metrologically fit - with virtual software training courses from ZEISS. You can participate in the training courses from the comfort of your computer, ask the trainer questions and take the exam online. Experience metrology in the virtual training room, just as effectively and informatively as in a classroom training session.



ZEISS Metrology Academy

Basic, advanced and expert software training courses lasting several days

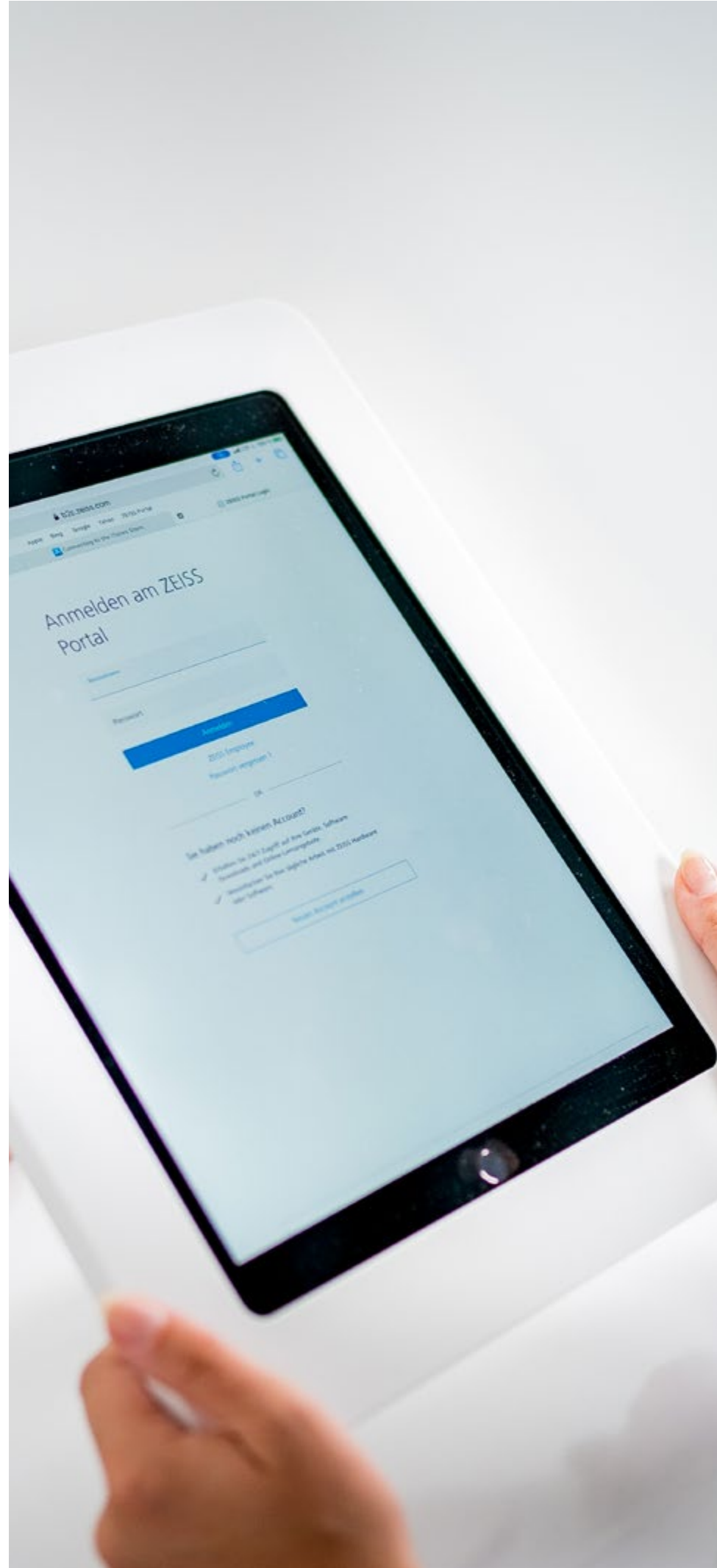
The ZEISS Academy Metrology supports you in every metrological challenge and enables you to continuously develop your knowledge and skills. Over 35 years of training experience in metrology make ZEISS a competent partner when it comes to continuing education. Become an expert and thus an indispensable part of your company.



ZEISS Metrology Portal

Digital access to all metrology services

In the ZEISS Metrology Portal you will always find the services you need: the quick download of new software versions, easy registration for training courses and many other services - most of them completely free of charge. Benefit from the many advantages these services offer you: 24/7 accessibility, faster and easier work and much more!



ZEISS CALYPSO Download for Customers

Download a Test License

To compare the improvements in your environment*, simply use the option of a free ZEISS CALYPSO test license and compare the performance increase on your component. You can download the test license from the ZEISS Metrology Portal.

Download Software Upgrade

If you are in possession of a ZEISS Software Maintenance Agreement (SMA), you will receive direct access to continuous software updates as well as service packs - at lower upgrade prices via the Download Center in the ZEISS Metrology Portal.

ZEISS Software for New Customers and Customers Without a ZEISS Software Maintenance Agreement

Are you a new ZEISS customer or do you not yet have a ZEISS Software Maintenance Agreement? Simply get in touch with us. Our ZEISS experts will be happy to discuss with you the possibilities for increasing productivity with ZEISS CALYPSO in your individual case.

*Please note your system requirements.
See » [Release Note ZEISS CALYPSO](#)



We Answer Your Questions!

Contact a ZEISS expert. Call us or simply click on the contact button and fill out the online form. We look forward to getting in touch with you.

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