

Automatic Measurement Plan Generation

Using product manufacturing information
with ZEISS CALYPSO



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ZEISS CALYPSO can automatically generate a complete measurement plan with all relevant characteristics and features using product manufacturing information (PMI).

The ZEISS CALYPSO software solution addresses the increasingly fast pace of digitization and the accompanying networking of relevant design, manufacturing and measurement data. The result is an automatically generated measurement plan using product manufacturing information.

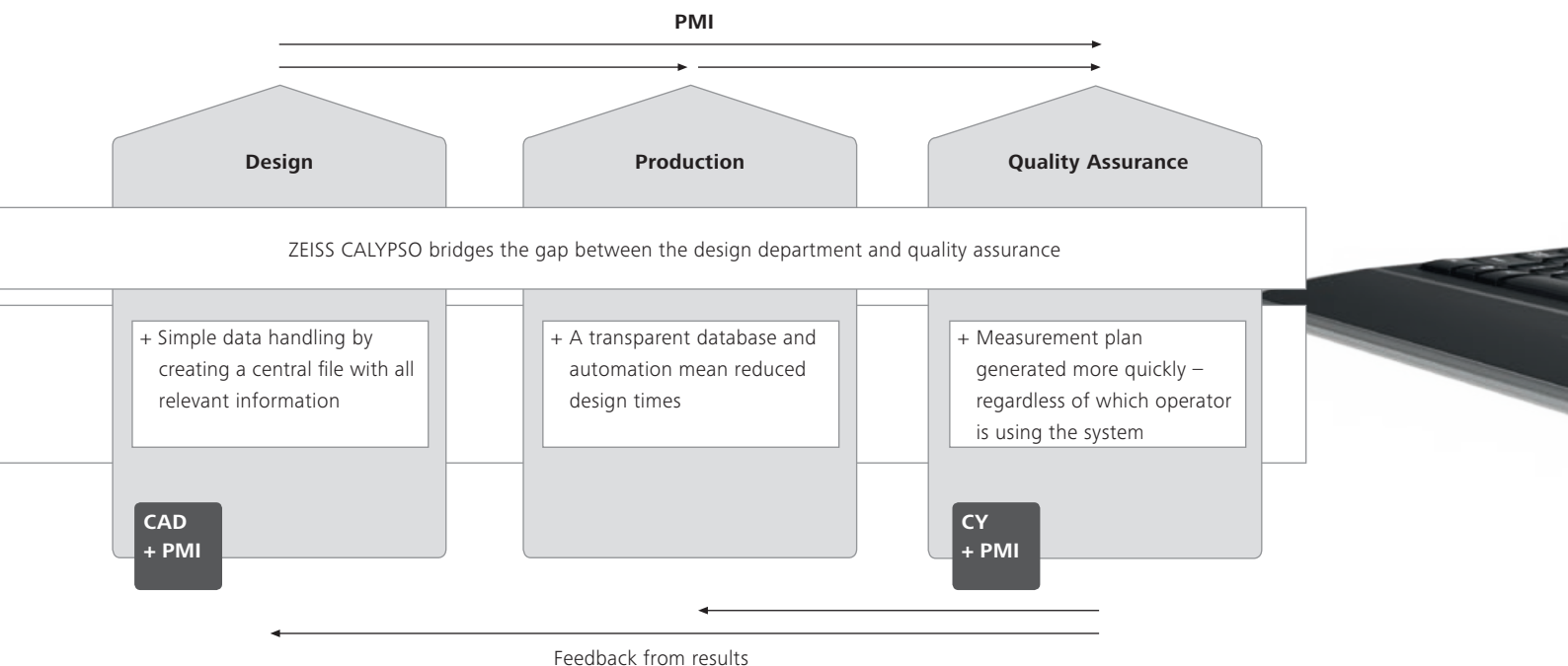
You can increase your productivity by integrating all important information for the production and quality assurance of a product into one single file. Specifications are provided centrally by the design department and can be implemented immediately in all areas of the process chain.

Simplifying data handling bridges the gap between the design department and quality assurance. Misunderstandings and misinterpretations are avoided. Measurement plan generation is performed automatically and, consequently, far more quickly.

Thanks to ZEISS CALYPSO, the specifications from the design department can be implemented at the push of a button – regardless of which operator is using the system. This minimizes measurement errors. ZEISS CALYPSO enables higher productivity and lays an important foundation for digitization at your company.

ZEISS provides an additional manual to help you introduce and use PMI.

ZEISS CALYPSO increases efficiency within the process chain



Procedure for automatically generating a measurement plan in ZEISS CALYPSO using PMI

01

The CAD model is imported, incl. PMI

02

Measurement plan is generated automatically using PMI

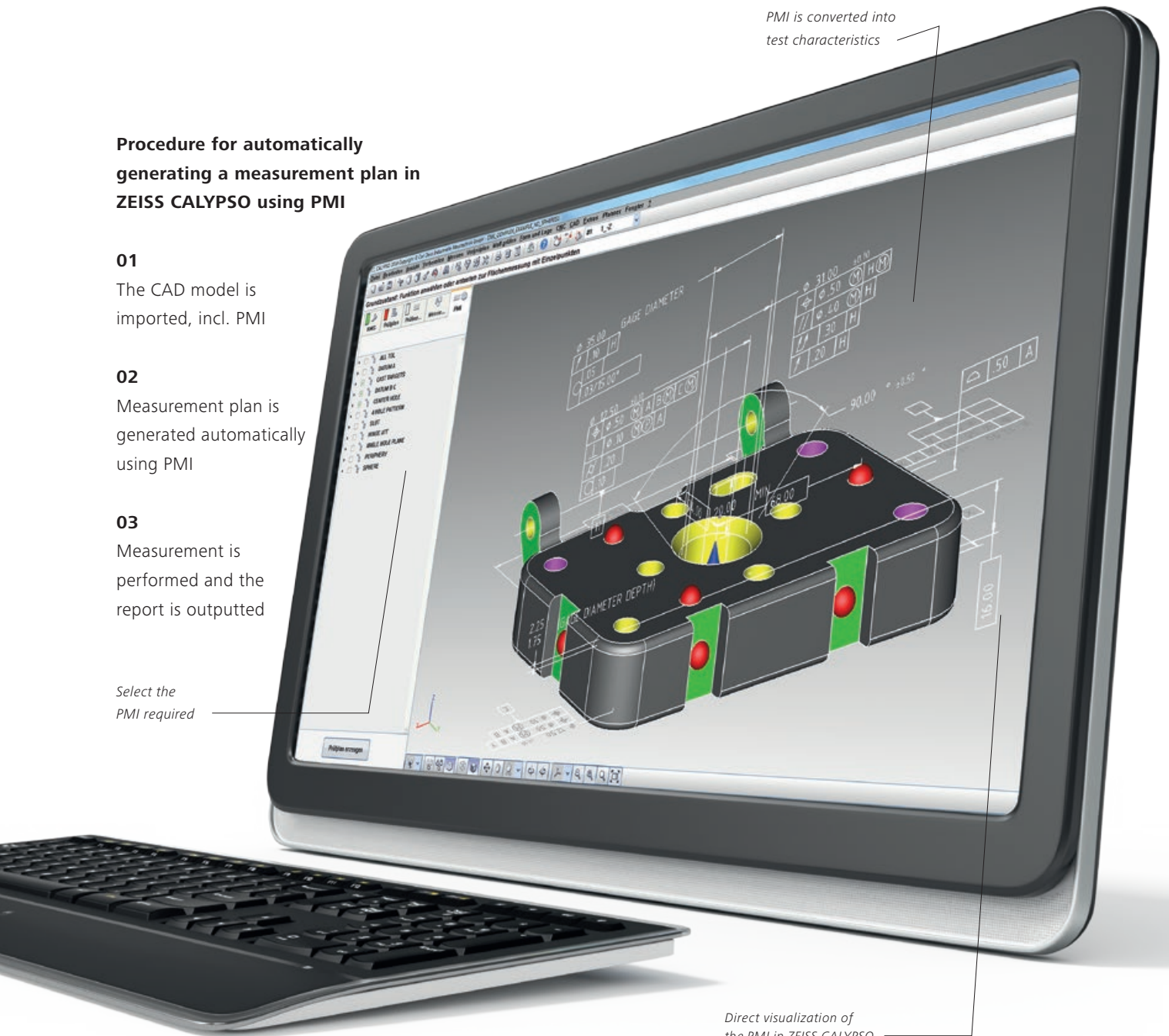
03

Measurement is performed and the report is outputted

Select the PMI required

PMI is converted into test characteristics

Direct visualization of the PMI in ZEISS CALYPSO



ZEISS CALYPSO

At a glance

Standard geometries



ZEISS CALYPSO

Universal metrology software
focused on
standard geometries

Options for ZEISS CALYPSO



CURVE
Evaluate curves



CAD-Import
CAD import options



FREEFORM
Evaluate freeform surfaces



DMIS
DMIS import and
DMIS export



PCM
Parts families



qs-STAT
Export for qs-STAT



PLANNER
General measurement plans
off-line



PRESET
Erosion electrodes



FACS
Random sample measuring



PTI
Polygon clamping devices



BASIC AUTOMATION
Standard automation



BLADE PRO
Turbine blades



GEAR PRO
Gear metrology

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